

Fall Quarter 2019 Class Schedule

Updated 10/15/2019 7:00:00 AM

ACCOUNTING

ACCT& 201 PRINCIPLES OF ACCOUNTING I

Covers fundamentals of accounting theory and practice, including a study of the accounting cycle, and the use of special journals. Focus is on double entry accounting system and financial statement preparation. Covers transactions for a business organized as a sole proprietorship and their effects on balance sheet accounts. Prerequisite: ACTG 115 or Instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4962	5 Cr	ARRANGED	ARRANGED	09/23/19-12/08/19	ON LINE	Dorum, Lucy	ONLINE	

ACCT& 202 PRINCIPLES OF ACCOUNTING II

Covers fundamentals of accounting theory and practice continued from ACCT& 201. Focus is on issues related to businesses organized as a partnership or corporation and their effects on balance sheet accounts. Also covers investment, dissolution, and distribution of income. Prerequisite: ACCT& 201. oval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4992	5 Cr	ARRANGED	ARRANGED	09/23/19-12/08/19	ON LINE	Cooke, Suzann	ONLINE	
4982	5 Cr	11:00AM-11:50AM	TuWThF	09/24/19-12/08/19	11 144	Cooke, Suzann	HYBRID	

ACCT& 203 PRINCIPLES OF ACCOUNTING III

Introduces the theory of cost accounting and an analysis of accounting data as a part of the managerial process of planning, decision-making, and control. Emphasis is given to job order, process and standard cost accounting data, and the preparation and use of budgets and internal control reports necessary for making economic decisions for manufacturing businesses. Prerequisite: ACCT& 201 Prerequisite(s): Successful completion of ACCT& 201 or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
49C2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/08/19	ON LINE	Dorum, Lucy	ONLINE	

ACTG 110 BOOKKEEPING I

Introduces fundamental principles of full-cycle, double-entry accounting, including maintaining journals, ledgers, and banking records to prepare basic financial statements for service and retail businesses organized as sole proprietorships or partnerships. Covers basics of payroll accounting and payroll tax reports. Explores the concepts and terminology required to perform specific accounting functions accurately. Prerequisite(s): Accuplacer score equivalent to completion of MAT 092 and ENG 091 (minimum reading/writing combined score of 245) or equivalent or higher, computer literacy course required - recommended that students take CAS 121 (preferred) or CAS 115, or instructor approval.

LAKWOOD CAMPUS

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4912	4 Cr	ARRANGED	ARRANGED	09/23/19-10/31/19	ON LINE	Dorum, Lucy	ONLINE	
4902	4 Cr	9:00AM-10:50AM	TuWThF	09/24/19-10/31/19	11 144	Dorum, Lucy	HYBRID	

ACTG 115 BOOKKEEPING II

Introduces continued principles of full cycle, double-entry accounting. Covers specialty issues, such as uncollectable accounts, depreciation, inventory, notes, interest, accruals, and end-of-period work for corporations. Also covers basics of payroll accounting and payroll tax reports. Students will maintain journals and ledgers to prepare basic financial

statements for a retail business organized as a corporation and identify the concepts and terminology required to perform specific accounting functions accurately. Prerequisite(s): Successful completion of ACTG 110.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4922	4 Cr	9:00AM-10:50AM	TuWThF	11/04/19-12/06/19	11 144	Dorum, Lucy	HYBRID	
4932	4 Cr	ARRANGED	ARRANGED	11/04/19-12/06/19	ON LINE	Dorum, Lucy	ONLINE	

ACTG 120 ELECTRONIC BUSINESS MATH

Covers business math applications, including payroll, percentages, merchandising, consumer credit, simple and compound interest, prorating, stocks and bonds, and the metric system, using keyboard functions and the touch method of electronic calculator operation. Prerequisite(s): Accuplacer score equivalent to completion of MAT 092 and ENG 091 (minimum reading/writing combined score of 245) or equivalent or higher, or instructor approval.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4942	2 Cr	ARRANGED	ARRANGED	09/23/19-12/08/19	ON LINE	Dorum, Lucy	ONLINE	

ACTG 135 ACCOUNTING SPREADSHEETS I

Introduces electronic spreadsheets (Microsoft Office Excel). Covers creating business forms and spreadsheets to prepare financial statements. Prerequisite(s): Successful completion of CAS 115, CAS 121 or instructor approval. Concurrent with ACTG 110 or instructor approval.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4952	5 Cr	11:00AM-11:50AM	TuWF	09/24/19-12/08/19	11 127	Dorum, Lucy	HYBRID	

ACTG 160 PAYROLL & BUSINESS TAXES

Provides practice in all payroll operations, the recording of accounting entries involving payroll, and the preparation of required payroll and business tax returns. Covers the concepts, laws, and terminology required to perform specific payroll accounting functions. Prerequisite(s): Successful completion of ACTG 115 or instructor approval.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4972	5 Cr	ARRANGED	ARRANGED	09/23/19-12/08/19	ON LINE	Dorum, Lucy	ONLINE	

ACTG 212 PRINCIPLES OF ACCOUNTING II LAB

Provides instructional activities that support material covered in ACCT& 202 in a supervised lab environment. Prerequisite(s): Successful completion of ACTG 211 and 135 or instructor approval. Co-requisites: ACCT& 202

LAKEWOOD CAMPUS

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49A2	3 Cr	12:00PM-12:50PM	W	09/25/19-12/04/19	11 144	Cooke, Suzann		

ACTG 224 FUNDAMENTALS OF FUND/GOVERNMENTAL ACCOUNTING

Introduces the fundamentals of accounting theory and practice of government/nonprofit accounting, including a study of accounting methods; the reasons for and the use of the various funds; the purpose and use of budgets in this field of accounting; and the differences between generally accepted accounting principles, GASB standards, and fund/governmental accounting. Prerequisite(s): Successful completion of ACCT& 201 or instructor approval.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
49B2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/08/19	ON LINE	Cooke, Suzann	ONLINE	

ACTG 260 BUSINESS OFFICE I

Provides an opportunity for students to experience and participate in a realistic office environment by providing financial statements, completing financial examinations, preparing payroll, and furnishing other similar financial accounting work products. Prerequisite(s): Successful completion of ACTG 143, ACTG 236, CAS 121, and ACCT& 201, or instructor approval.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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49D2 5 Cr 12:00PM-2:00PM TuWThF 10/01/19-12/06/19 11 127 Dorum, Lucy HYBRID

ACTG 262 BUSINESS OFFICE II

Provides an opportunity for students to experience and participate in a realistic office environment by providing financial statements, completing financial examinations, preparing payroll, and furnishing other similar financial accounting work products. Prerequisite(s): Successful completion of ACTG 260, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
49H2	5 Cr	12:00PM-2:00PM	TuWThF	10/01/19-12/06/19	11 127	Dorum, Lucy	HYBRID	

ACTG 271 INTERNSHIP I

Provides students with practical on-the-job field experience. Program offers students a way to combine classroom study with related work experience under the supervision of an employer. Work experience must be related to the student's educational and career objectives. Must be approved by the instructor. Prerequisite(s): Instructor approval required.

LAKWOOD CAMPUS

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49K2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/06/19	11 144	Cooke, Suzann		

ACTG 291 INDIVIDUAL INCOME TAX ACCOUNTING

Continues the study of the fundamentals of individual income tax accounting theory and practice, including a detailed study of the rules and regulations for preparation of the most common forms and schedules, preparation of these forms and schedules, tax laws in the United States, and the differences between generally accepted accounting principles and income-tax accounting. Prerequisite(s): Successful completion of ACTG 222 and ACCT& 201, or instructor approval. Concurrent with ACTG 293.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
49F2	5 Cr	9:00AM-10:15AM	TuWThF	09/24/19-12/08/19	11 127	Cooke, Suzann	HYBRID	

ACTG 293 INDIVIDUAL INCOME TAX ACCOUNTING LAB

Provides a supervised setting, with instructional support, to apply understanding of federal individual income-tax rules and regulations to specific tax problems. Prerequisite(s): Successful completion of ACTG 222 and ACCT& 201, or instructor approval. Concurrent with ACTG 291.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
49G2	5 Cr	10:15AM-10:50AM	TuWThF	09/24/19-12/06/19	11 127	Cooke, Suzann	HYBRID	

BUS& 201 BUSINESS LAW

Introduces students to business law as it applies to the business world through the Uniform Commercial Code. Examines legal institutions and processes, legal reasoning, and the interaction of law and business. Laws pertaining to business contracts, sales, bailments, commercial paper, employment, agency, business organization, insurance, and property are reviewed. Prerequisite(s): Successful completion of ACTG 115 or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
49J2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/06/19	ON LINE	Cooke, Suzann	ONLINE	

AMERICAN SIGN LANGUAGE

ASL& 121 AMERICAN SIGN LANGUAGE I

Informs students about deafness, deaf culture, the deaf community, and American Sign Language. Learn to communicate both expressively and receptively in American Sign Language in basic conversation situations. Prerequisite(s): Appropriate Accuplacer (reading/writing combined score of 277 or equivalent) or successful completion of ENG 094.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0504	5 Cr	2:00PM-4:30PM	MW	09/23/19-12/11/19	17 240	Wilson, Jaime	HYBRID	

ARCHITECTURAL ENGINEERING DESIGN

ARC 122 RESIDENTIAL DRAFTING AND DESIGN I

Overview of the design industry, construction procedures, codes, guidelines and standards, elements and principles of design, spatial concepts, and energy efficiency in design. Prerequisite(s): Successful completion of ENG 091 and MAT 092, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6302	5 Cr	11:00AM-11:50PM	MTuWTh	09/23/19-12/11/19	19 201	Bushnell, Pop	HYBRID	

ARC 126 RESIDENTIAL DESIGN & DRAFTING 111

Overview of specialized construction documents: exterior elevations; cabinet and interior elevations; building sections; wall details; stair plans, elevations and details; and fireplace elevations. Prerequisite(s): Successful completion of ARC 124, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6332	5 Cr	10:00AM-10:50AM	MTuWTh	09/23/19-12/11/19	19 201	Bushnell, Pop	HYBRID	

ARC 144 DETAILING AND LIGHT CONSTRUCTION

Students will be introduced to concepts and common terminology used in light wood-framed construction. Students will produce standard details of structural design for residential applications, using CAD software. Prerequisite(s): Successful completion of ARC 124, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6342	5 Cr	1:00PM-1:50PM	MTuWTh	09/23/19-12/11/19	19 203	Lunceford, Ce	HYBRID	

ARC 171 DRAFTING TECHNOLOGIES I

Basic manual drafting skills; architectural lines, text and layers; isometric drawings; orthographic and Multiview projections; and roof plan layout and components. Prerequisite(s): Successful completion of ENG 091 and MAT 092, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6312	5 Cr	9:00AM-9:50AM	MTuWTh	09/23/19-12/11/19	19 201	Bushnell, Pop	HYBRID	

ARC 182 INTRO TO CAD DRAFTING

An introduction to CAD software. Students will learn to utilize the fundamentals of CAD software to produce basic architectural drawings. Prerequisite(s): Successful completion of ENG 091 and MAT 092, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6322	5 Cr	10:00AM-10:50AM	MTuWTh	09/23/19-12/11/19	19 203	Lunceford, Ce	HYBRID	

ARC 223 DESIGN PROJECT I

Project management and design of basic architectural drafting project. Project includes one-story house and placement on a subdivision lot, conforming to regulatory codes and established schedules. Production of a complete set of computer-drafted and engineered construction drawings. Give effective oral reports of progress. Lab hours arranged. Prerequisites: ARC 173, ARC 181.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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6362 5 Cr 2:30PM-3:20PM MTuWTh 09/23/19-12/11/19 19 201 Bushnell, Pop HYBRID

ARC 227 SPECIAL INTERN PROJECT

Complete the written Work-Based Learning Experience Plan. Prerequisites: Instructor permission required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
63A2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Bushnell, Pop		

ARC 229 SPECIAL DESIGN PROJECT

Complete special design project as approved by the Instructor to aid in realistic training. Lab hours arranged. Prerequisites: Successful completion of ARC 262 and ARC 286, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
63B2	5 Cr	2:30PM-4:20PM	MTuWTh	09/23/19-12/11/19	19 203	Lunceford, Ce	HYBRID	

ARC 255 EMPLOYMENT RESEARCH

Basic job-seeking skill activities, including resume preparation, employer contacts, and employment opportunities. Note: 634J is an I-Best course.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6372	1 Cr	3:30PM-4:20PM	MTuWTh	09/23/19-10/08/19	19 201	Bushnell, Pop	ENHANCED	

ARC 262 INTRODUCTION TO THREE DIMENSIONAL MODELING

A hands-on introduction to 3D modeling. This course walks students through the basics of the software. Develop a preliminary design model using massing. Learn about strategies and techniques to develop speed and efficiency in modeling and presentations. Prerequisite(s): Successful completion of ARC 182, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6352	3 Cr	9:00AM-9:50AM	MTuWTh	09/23/19-11/13/19	19 203	Lunceford, Ce	HYBRID	

ARC 286 ADVANCED BUILDING INFORMATION MODELING

Using current industry-standard architectural 3D software, students will create software families. Manage both two-dimensional and three-dimensional information within the program family through use of parameters. Prerequisite(s): Successful completion of ARC 282, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6382	5 Cr	11:00AM-11:50AM	MTuWTh	09/23/19-12/11/19	19 203	Lunceford, Ce	HYBRID	

ARC 288 APPLIED CADD

Use current industry-standard 3D software applications (i.e. ' Revit, SketchUp, Civil3D) to create or modify a design. Produce production drawings. Save, print, or transmit drawings to industry-standard applications. Prerequisite(s): Successful completion of ARC 262, 223 and ARC 282, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
63C2	5 Cr	2:30PM-4:20PM	MTuWTh	09/23/19-12/11/19	19 203	Lunceford, Ce	HYBRID	

ARC 293 ENGINEERING STATICS

Students will apply basic engineering used in the building design field: equilibrium, loads and reactive forces, shear and bending in structures, and wood spanning elements. Prerequisite(s): Successful completion of ARC 191 and MAT 099 or higher, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6392	5 Cr	1:00PM-2:20PM	MTuWTh	09/23/19-12/11/19	19 201	Bushnell, Pop	ENHANCED	

ART

ART& 100 ART APPRECIATION

Introduction to the diversity of the art world from ancient civilizations to contemporary society. A discussion of art terminology and methods will be covered in an overview of art materials and techniques. Prerequisite(s): Appropriate Accuplacer (283 in reading) score or equivalent; or successful completion of ENG 094 is required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0502	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Rendal, Cami	ONLINE	

ARTS AND HUMANITIES

ART& 100 ART APPRECIATION

Introduction to the diversity of the art world from ancient civilizations to contemporary society. A discussion of art terminology and methods will be covered in an overview of art materials and techniques. Prerequisite(s): Appropriate Accuplacer (283 in reading) score or equivalent; or successful completion of ENG 094 is required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0502	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Rendal, Cami	ONLINE	

MUSC& 105 MUSIC APPRECIATION

Learn about elements of music, that is, the building blocks: pitch, melody, harmony, rhythm, texture, timbre and dynamics and study the evolution of music through the ages. Prerequisite: Appropriate COMPASS/SLEP score; or successful completion of ENG 094 is required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0503	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Rendal, Cami	ONLINE	

AUTOMOTIVE COLLISION TECHNICIAN

IAUT 104 INTRODUCTION TO AUTOMOTIVE ELECTRICAL

This course is an introduction to automotive electrical systems. Students will learn electrical theory, basic electrical testing equipment and procedures, determine circuit resistance, current flow and voltage using Ohms law, proper wire splicing and repairs, and identification of electrical system components. Co-requisite: IAUT 102, IAUT 115, IAUT 130 AND IAUT 139.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
96B2	4 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 402	Vargo, Alan		

IAUT 105 INTRODUCTION TO AUTOMOTIVE TECHNOLOGY

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
96A2	4 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 402	Vargo, Alan		
96G2	4 Cr	2:00PM-5:45PM	MTuWTh	09/23/19-12/11/19	03 401	Chinery, Tod		

IAUT 115 INTRO TO AUTOMOTIVE STEERING, SUSPENSION & BRAKE

This course is an introduction to automotive steering, suspension and braking systems. Students will learn to identify steering and suspension components, properly use appropriate lifting and supporting methods, identify worn or damaged components, understand the function of the brake system, and perform proper tubing flaring procedures. Co-requisites: IAUT 102, IAUT 104, IAUT 130 AND IAUT 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
96C2	5 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 402	Vargo, Alan		

IAUT 130 AUTOMOTIVE HVAC

This course is an introduction to automotive HVAC systems. Students will learn to identify HVAC system components, determine proper refrigerant type, diagnose common HVAC symptoms, and locate, identify, and describe the function of the various air-conditioning components. Co-requisite: IAUT 102, IAUT 104, IAUT 115, AND IAUT 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
96F2	2 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 402	Vargo, Alan		

IAUT 140 BASIC AUTOMOTIVE WELDING

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
96D2	4 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 402	Vargo, Alan		
96H2	4 Cr	2:00PM-5:45PM	MTuWTh	09/23/19-12/11/19	03 401	Chinery, Tod		

ACT 102 FUNDAMENTALS OF COLLISION REPAIR

Explores career safety, industry certifications, vehicle construction, and an overview of the career field. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9602	3 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Freeman, Kurt		

ACT 106 BODY SHOP EQUIPMENT

Covers operating hand tools, power tools, and shop equipment. Explores air systems and their design and function. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9612	3 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Freeman, Kurt		

ACT 110 WELDING, HEA, AND CUTTING

Covers the skills of welding, heating, and cutting as they relate to the collision industry. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9622	4 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Freeman, Kurt		

ACT 115 PLASTIC/SMC REPAIR

Explores plastic, fiberglass and SMC repairs as they relate to the collision industry. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9632	4 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Freeman, Kurt		

ACT 120 GLASS, TRIM & HARDWARE

Covers the practical skills used to repair and replace door locks and windows and to repair water leaks on car and truck bodies, interior parts, and door skin. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9642	5 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Freeman, Kurt		

ACT 125 INTRODUCTION TO METAL STRAIGHTENING

Introduces basic body-panel straightening techniques. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9652	3 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Freeman, Kurt		

ACT 145 COLLISION ESTIMATING

Covers collision damage estimating, reviewing work orders, and acquiring work skills for job success. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9662	5 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Mullins, Mich		

ACT 151 REFINISH EQUIPMENT PREPARATION

Covers paint-shop equipment and painting fundamentals. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9672	6 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Mullins, Mich		

ACT 156 PRE-PRIME PREPARATION

Explores corrosion protections and vehicle refinish preparation. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9682	5 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Mullins, Mich		

ACT 157 POST-PRIME PREPARATION

Explores final preparations, blocking, and final sanding for application of topcoat. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9692	5 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 301	Mullins, Mich		

AUTOMOTIVE RESTORATION AND CUSTOMIZATION

ARCF 103 FUNDAMENTALS OF SHOP EQUIPMENT

Covers shop safety, fundamentals of tool use, and proper use of shop equipment. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1702	3 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 307	Freeman, Kurt		

ARCF 109 WELDING & METAL SKILLS

Covers welding, heating, and cutting techniques using MIG and oxyacetylene equipment. Students will learn safe handling and correct metal-forming techniques of sheet metal. Prerequisite(s): Successful completion of IAUT 102, IAUT

104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1712	4 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 307	Freeman, Kurt		

ARCF 114 BASIC REPAIRS AND ASSEMBLY

Covers basic repair and assembly procedures for bolt-on body components. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1722	8 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 307	Freeman, Kurt		

ARCF 119 CUSTOM FABRICATION

Explores basic customizing techniques used on original factory parts, as well as fabrication of custom parts. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1732	6 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 307	Freeman, Kurt		

ARCF 124 REFINISHING EQUIPMENT

Explores refinishing equipment use and maintenance. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1742	4 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 306	Mullins, Mich		

ARCF 129 REFINISH PREPARATION

Explores corrosion protection and vehicle refinish preparation. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1752	7 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 306	Mullins, Mich		

ARCF 130 ADVANCED PAINT APPLICATION

Covers application of advanced masking, topcoat shading, and graphics on a restoration or custom project. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1762	Var	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 306	Mullins, Mich		

ARCF 133 FIBERGLASS/COMPOSITES TECHNIQUES

Further develop skills in customizing techniques used on original factory parts, as well as fabrication of custom parts. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1772	6 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 307	Freeman, Kurt		

ARCF 134 CUSTOM REFINISHING

Covers topcoat, clear coat, and custom refinishing. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1782	6 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 306	Mullins, Mich		

ARCF 141 SURFACE IMPERFECTIONS/SHOW AND SHINE

Covers paint-application problem-solving and show detailing. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1792	4 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 306	Mullins, Mich		

ARCF 154 AUTOMOTIVE RESTORATION & CUSTOM LAB

Finish projects and competencies in restoration and/or customizing. Nine credits in summer quarter; variable credit other three quarters. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17A2	9 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 307	Freeman, Kurt		

ARCF 159 METAL STRENGTHENING AND SHAPING

Metal straightening and shaping techniques on a custom or restoration project. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17B2	Var	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 307	Freeman, Kurt		

ARCF 167 CUSTOM PAINT APPLICATION

Covers application of custom masking, topcoat shading and graphics. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17C2	3 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 306	Mullins, Mich		

ARCF 168 APPLIED METAL SKILLS

Covers application of previously acquired metal skills as they relate to the student's project work. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17D2	3 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 307	Freeman, Kurt		

ARCF 170 CUSTOM REFINISHING - SPECIAL PROJECTS

Develop skills in advanced custom and/or restoration techniques. Students will have the opportunity to apply knowledge to projects of personal interest, as assigned, and/or job shadowing. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17F2	Var	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 307	Freeman, Kurt		

AUTOMOTIVE TECHNICIAN

AUT 147 AUTOMOTIVE SUSPENSION AND STEERING

This module covers theory, diagnosis, and repair of SLA suspension systems, strut suspension systems, parallelogram steering systems, rack and pinion steering systems, rear suspension systems, and computer-controlled suspension systems. Co-requisites: AUT 157.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4602	6 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 701	Smith, Michea		

AUT 149 AUTOMOTIVE SUSPENSION STEERING& WHEEL ALIGNMENT

Theory and troubleshooting of front suspension systems, steering systems, rear suspension systems, and computer-controlled systems. This course will also cover basic wheel alignment, including two- and four-wheel alignment.

Prerequisite(s): Must successfully complete AUT 147 and have required tools and textbooks. Completion of introduction to automotive courses.Co-requisites: AUT 157.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4612	7 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 701	Smith, Michea		

AUT 157 AUTOMOTIVE SUSPENSION STEERING& WHEEL ALIGN LAB

Repair automotive brakes, steering, and suspension systems by applying knowledge attained in required courses. This is a hands-on class that uses live projects. Co-requisites: AUT 147 and AUT 149.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4622	6 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 701	Smith, Michea		

AUT 209 ELECTRONIC SYSTEMS

Diagnose and repair automotive electronic systems and study basic application of computerized electronic control systems. Upon completion of this course, students will be familiar with the terminology, basic theory, diagnostics, removal, and installation procedures used on automobiles and light trucks. Prerequisite(s): Must successfully complete AUT 204 and must have required tools and textbooks. Co-requisites: AUT 212.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4672	7 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 901	Covington, G		
46B2	7 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 801	Brown, David		

AUT 212 ELECTRICAL SYSTEMS

Diagnose and repair automotive electrical systems and study basic application of computerized electronic control systems. Upon completion of this course, students will be familiar with the terminology, basic theory, diagnostics, removal, and installation procedures used on automobiles and light trucks. Prerequisite(s): Must have required tools and textbooks. Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139. Co-requisites: AUT 209.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4662	9 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 901	Covington, G		

AUT 239 CLUTCHES & MANUAL TRANSMISSIONS

Provides students with the knowledge and skills to competently repair automotive clutches and manual transmissions/transaxles. Upon completion of the course, students will be familiar with the terminology, basic theory, diagnostics, maintenance, and repair of automobile/light truck clutches and manual transmissions/transaxles.

Prerequisite(s): Must have required tools and textbooks. Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4632	9 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 601	Lander, Everi	HYBRID	

AUT 243 AUTOMOTIVE AXLES, DRIVELINES, DIFFEREN&TRANSFER

Provides students with the knowledge and skills to competently repair automotive axles, drivelines, differentials, and transfer cases. Upon completion of the course, students will be familiar with the terminology, basic theory, diagnostics, maintenance, and repair of automobile/light truck axles, drivelines, differentials, and transfer cases. Prerequisite(s): Must successfully complete AUT 239 and have required tools and textbooks.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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4642 6 Cr 7:30AM-1:50PM DAILY 09/23/19-12/11/19 03 601 Lander, Everi HYBRID

AUT 246 MANUAL DRIVE TRAINS & AXLES LAB

This course is designed to teach students to competently repair drive-train components by applying knowledge attained in required courses. This is a hands-on class that uses live projects. Upon completion of this course, students will be familiar with diagnosis, maintenance, and repair of automobile/light truck manual drive trains. Prerequisite(s): Must successfully complete courses AUT 239 and 243, and must have required tools and textbooks.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4652	4 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 601	Lander, Everi	HYBRID	

AUT 255 AIR-COMDITIONING, HEATING & VENTILATION

Theory, troubleshooting, and repair of automotive air-conditioning systems, heating systems, and ventilation systems. Also covers recovery and recycling of both R-12 and R134A refrigerants. Prerequisite(s): Must successfully complete AUT 209 and 212 and have required tools and textbooks.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4682	6 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 901	Covington, G		

FAUT 144 FORD BASIC ELECTRICAL SYSTEMS DIAGNOSIS AND TEST

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4692	6 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 801	Brown, David		

FAUT 212 FORD ELECTRICAL SYSTEMS

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
46A2	9 Cr	7:30AM-1:50PM	DAILY	09/23/19-12/11/19	03 801	Brown, David		

AVIATION MAINTENANCE TECHNICIAN

AMT 104 BASIC MATHEMATICS, PHYSICS, AND WEIGHT & BALANCE

Perform all of the mathematical computations required in the Aviation Maintenance Technician curriculum. Understand the scientific principles that apply to the operation of aircraft, engines and the equipment that the aviation maintenance technician will be in daily contact with. Develop a comprehensive understanding of the importance of weight and balance to aircraft safety, and make all of the required calculations for weight and balance checks, equipment changes, extreme loading checks, and the addition of ballast.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4402	5 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC116	Doyon, Greg		FULL

AMT 116 AIRCRAFT DRAWINGS,CLEANING,CORROSION CNTRL,GROUN

Sketch aircraft repairs and alterations and understand information presented on typical aircraft blueprints, graphs, and charts. Recognize types of corrosion and know their causes, identify and use the proper materials and processes to remove corrosion by-products, treat corroded areas, and apply proper protection. Gain a thorough understanding of the importance of safe ground handling procedures, aircraft movement and storage, and identify aviation fuels. Identify fluid line components, fabricate rigid and flexible fluid lines, and properly install fluid lines on aircraft.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4412	5 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC116	Doyon, Greg		FULL

AMT 119 MATERIALS & PROCESSES

Learn about identification and selection of non-destructive testing methods, dye-penetrant, eddy current, ultra-sound, and magnetic particle inspections, as well as basic heat-treated processes, aircraft hardware, and materials. Inspect and check welds. Perform precision measurements.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4422	5 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC116	Doyon, Greg		FULL

AMT 127 MAINTENANCE FMS/RECORDS, PUBL AND MECH PRIV & LI

Use maintenance records and entries, maintenance forms, and inspection reports. Requires reading, comprehension, and application of information from the FAA and manufacturer's maintenance specifications, data sheets, manuals, publications, related FAA regulations, airworthiness directives, and advisory material. Apply mechanic privileges within the limitations prescribed by FAR Part 65.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4432	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC116	Doyon, Greg		FULL

AMT 132 WOOD STRUCTURES, AIRCRAFT COVERINGS, AND FINISHE

Covers wood aircraft construction, repair, and inspection. Students will select, apply, inspect, test, and repair aircraft fabric and fiberglass covering materials. Become familiar with types of aircraft protective coatings, trim applications, markings, finish problems, and the inspection of finishes.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4442	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC117	Guttromson, C		FULL

AMT 135 AIRCRAFT SHEET METAL STRUCTURES

Inspection and repair of all types of sheet metal. Information regarding the fabrication, construction, and repair of sheet metal aircraft structures.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4452	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC117	Guttromson, C		FULL

AMT 136 WELDING, POSITION & WARNING SYSTEMS

Principles regarding the fabrication, construction, and repair of welded aircraft structures. Principles of operation of speed and configuration warning systems, electrical brake controls, anti-skid systems, and landing gear position indicating and warning systems.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4462	3 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC117	Guttromson, C		FULL

AMT 137 AIRCRAFT NON-METALIC STRUCTURES

Covers inspection and repair of all types of non-metallic and composite structures, including transparent plastic enclosures and interiors.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4472	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC117	Guttromson, C		FULL

AMT 138 AIRCRAFT INSPECTIONS

Lecture, demonstration, and practical application are used to train the student in the methods and techniques of all phases of aircraft inspections, federal aviation regulations, maintenance record entries, and disposition of those records.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4492	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC118	Joy, Earl		FULL

AMT 139 ASSEMBLY & RIGGING

Covers basic information regarding the assembly of aircraft, components, rigging of all flight control surfaces, balancing and inspection of flight controls, alignment of aircraft structures, and jacking of aircraft.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4482	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC117	Guttromson, C		FULL

AMT 208 HELICOPTER OPERATION AND MAINTENANCE PRACTICES

Covers history, operations, regulations, publications, records, special use equipment, and basic maintenance fundamentals, as they relate to rotorcraft.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44A2	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC118	Joy, Earl		FULL

AMT 210 BASIC ROTOR SYSTEM MAINTENANCE AND REPAIR

Covers history of rotorcraft and principles of flight; types and function of rotor systems; overhaul of rotor hub assemblies; installation and static balancing of rotors; types and function of anti-torque control systems; inspection of rotor blades using manufacturer's data.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44B2	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC118	Joy, Earl		FULL

AMT 212 ADVANCED ROTOR SYSTEMS MAINTENANCE AND REPAIR

Covers vibration analysis; installation and dynamic balancing of rotor systems; tracking of helicopter rotor blades; principles of helicopter autorotation and adjustment of autorotation RPM for power off operations.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44C2	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC118	Joy, Earl		FULL

AMT 215 HELICOPTER SYSTEMS

Covers helicopter power plants and controls; fuel systems, turbine fuels, and fuel system components; oil systems and types of oils; mechanical drives, clutches, drive shafts, freewheeling units, and transmissions; flight controls, hydraulic, and instrument systems; rotor RPM, engine -out, and master caution and warning systems; electrical systems, NiCad batteries, and starter generators; fuselage structures; and landing gear.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44D2	4 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC118	Joy, Earl		FULL

AMT 224 POWERPLANT RECIPROCATING ENGINE THEORY

Covers the history of aircraft engines, principles of energy transformation, theory of operation, engine requirements and configuration, and overhaul of horizontally -opposed engines.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44F2	6 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC120	Vick, Phillip		FULL

AMT 225 POWERPLANT MAINTENANCE AND OPERATION

Powerplant maintenance and operation consists of theory of operation; engine requirements, configuration and installation; and troubleshooting and removal of horizontally -opposed engines.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44G2	6 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC120	Vick, Phillip		FULL

AMT 226 ENGINE FUEL SYSTEMS AND FIRE PROTECTION

Fuel systems and fire protection consists of transformation of energy, chemistry of combustion and thermal efficiency of

fuel air mixtures. Fire protection covers the components and the operation of fire detection and extinguishing equipment.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44H2	1 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC120	Vick, Phillip		FULL

AMT 228 ENGINE FUEL METERING SYSTEMS

Fuel metering consists of the principles of fuel metering for float carbs, pressure carb, fuel injection, anti-detonation injection, turbine fuel controls, and electronic engine-fuel controls.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44J2	5 Cr	7:00AM-1:00PM	DAILY	09/23/19-12/11/19	SHC120	Vick, Phillip		FULL

AVIONICS

AVIO& 102 AIRCRAFT ELECTRONIC FUNDAMENTALS

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44K2	8 Cr	3:00PM-9:00PM	DAILY	09/23/19-12/11/19	SHC107	Cooper, Dusti	HYBRID	

AVIO& 103 AIRCRAFT WIRING SYSTEMS

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44L2	4 Cr	3:00PM-9:00PM	DAILY	09/23/19-12/11/19	SHC107	Cooper, Dusti	HYBRID	

AVIO& 104 AIRCRAFT FIBER OPTIC SYSTEMS

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44M2	3 Cr	3:00PM-9:00PM	DAILY	09/23/19-12/11/19	SHC107	Cooper, Dusti	HYBRID	

AVIO& 201 AIRCRAFT DIGITAL ELECTRONIC INSTRUMENT SYSTEMS

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44N2	8 Cr	3:00PM-9:00PM	DAILY	09/23/19-12/11/19	SHC107	Cooper, Dusti	HYBRID	

AVIO& 202 AVIONICS SYSTEMS FOR AIRFRAME & POWERPLANT

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44P2	8 Cr	3:00PM-9:00PM	DAILY	09/23/19-12/11/19	SHC107	Cooper, Dusti	HYBRID	

AVIO& 203 AVIONICS COMMUNICATIONS

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44Q2	4 Cr	3:00PM-9:00PM	DAILY	09/23/19-12/11/19	SHC107	Cooper, Dusti	HYBRID	

AVIO& 204 PRINCIPLES OF AVIONICS TROUBLESHOOTING

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
44R2	4 Cr	3:00PM-9:00PM	DAILY	09/23/19-12/11/19	SHC107	Cooper, Dusti	HYBRID	

BIOLOGY

BIOL& 160 GENERAL BIOLOGY W/LAB

Provides an introduction to cellular biology for students preparing for the health professions. Major concepts include the structure, reproduction, and metabolism of cells; genetics; ecological perspectives; and evolutionary biology.

Prerequisite(s): Minimum Accuplacer reading/writing combined score of 277 or equivalent or successful completion of ENG 094.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0505	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	21 235	Noffke, Wendy	HYBRID	
0577	5 Cr	8:00AM-10:00AM	F	09/23/19-12/11/19	21 235	Noffke, Wendy	HYBRID	FULL
0506	5 Cr	10:00AM-12:00PM	WF	09/25/19-12/11/19	21 235	Noffke, Wendy	HYBRID	FULL
0576	5 Cr	3:30PM-5:30PM	W	09/25/19-12/11/19	21 235	Perse, Britta	HYBRID	FULL

BIOL& 175 HUMAN BIOLOGY W/LAB

This course is an in-depth approach to body systems, emphasizing the relationship between structure and functions. This is a laboratory course appropriate for non-science majors or for students beginning study in life sciences. Prerequisite(s):

Minimum Accuplacer reading/writing combined score of 277 or equivalent or successful completion of ENG 094.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0507	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	21 235	Noffke, Wendy	HYBRID	
0508	5 Cr	10:00AM-12:00PM	TuTh	09/24/19-12/10/19	21 235	Noffke, Wendy	HYBRID	FULL

BIOL& 241 HUMAN ANATOMY AND PHYSIOLOGY I

Provides students with the first course of the two-quarter study of body structure and related physiology on cellular - through -system levels. Includes an in-depth study of cells, tissues, and integumentary, skeletal, muscular, nervous, and sensory systems. Prerequisite(s): Successful completion of CHEM& 110 or higher and BIOL& 160 or BIOL& 175. All prerequisite courses must be completed with a grade of 2.0 or better.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0509	5 Cr	8:00AM-10:50AM	MW	09/23/19-12/11/19	21 231	Galbreath, Ch	HYBRID	FULL
0510	5 Cr	8:00AM-10:50AM	TuTh	09/24/19-12/10/19	21 231	Galbreath, Ch	HYBRID	

BIOL& 242 HUMAN ANATOMY AND PHYSIOLOGY II

Provides students with the second course of the two-quarter study of body structure and related physiology on cellular - through -system levels. Includes an in-depth study of body organization and cardiovascular and lymphatic physiological processes. Includes immunology, respiratory, digestive, metabolic, excretory, reproductive, and endocrine systems.

Prerequisite(s): Successful completion of BIOL& 241 with a grade of 2.0 or better.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0511	5 Cr	11:00AM-1:50PM	MW	09/23/19-12/11/19	21 231	Galbreath, Ch	HYBRID	
0512	5 Cr	11:00AM-1:50PM	TuTh	09/24/19-12/10/19	21 231	Galbreath, Ch	HYBRID	

BIOL& 260 MICROBIOLOGY

Provides students with the content of diversity, structure, and physiology of beneficial and harmful microbes. Laboratory practice in identification of microbial species through culturing, staining, and biochemical testing. Prerequisite(s):

Successful completion of BIOL& 160 with a grade of 2.0 or better and CHEM& 110 with a grade of 2.0 or better.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0513	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	21 235	Noffke, Wendy	HYBRID	FULL
0575	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	21 235	Noffke, Wendy	HYBRID	FULL

CENTRAL SERVICE/STERILE PROCESSING

MMN 103 INTRODUCTION TO HEALTHCARE

Covers overall program content, including policies, procedures, philosophy, and terminal objectives. The history and evolution of the Central Service profession, human relations, legal issues, and regulatory agencies affecting the field are explored. Web enhanced.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8302	3 Cr	8:00AM-1:30PM	MTuWTh	09/23/19-10/04/19	21 107	Griffin, Chri	ENHANCED	FULL

MMN 106 ANATOMY & PHSIOLOGY/MEDICAL TERMINOLOGY

Explores the overall makeup of the human body, its systems and functions, and related medical and surgical terminology. Surgical instrumentation is introduced. Web enhanced. Prerequisite(s): Successful completion of MMN 103.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8312	4 Cr	8:00AM-1:30PM	MTuWTh	10/07/19-10/25/19	21 107	Griffin, Chri	ENHANCED	FULL

MMN 111 MICROBIOLOGY / INFECTION CONTROL

Covers the examination of human pathogens in microbiology. Students will learn about infection control as it relates to the sterilization process. Safety issues in the health care environment are covered. Web enhanced. Prerequisite(s): Successful completion of MMN 103, MMN 106.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8322	3 Cr	8:00AM-1:30PM	MTuWTh	10/28/19-11/08/19	21 107	Griffin, Chri	ENHANCED	FULL

MMN 124 SURGICAL INSTRUMENTATION

In this course, students learn to identify basic and complex surgical instruments. They will demonstrate thorough knowledge of the manufacture, care, and processing of surgical, endoscopic, and power instruments. In addition, students will have an understanding of special protocols required with loaner instruments. Web enhanced. Prerequisite(s): Successful completion of MMN 103, MMN 106, MMN 111.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8332	Var	8:00AM-1:30PM	MTuWTh	11/12/19-12/11/19	21 107	Griffin, Chri	ENHANCED	FULL

MMN 213 CLINICAL INTERNSHIP I

Provides students with the opportunity to apply the theories and principles of central service and sterilization learned in the classroom to the actual work experience in a central service, sterile processing, or distribution department. The role of the central service technician in a hospital central service/sterile processing department will be the focus. In order to participate in the clinical aspect of the program, students must receive a clear background check as required by the health care facilities, have proof of current immunizations, complete CPR for health care professionals, be able to lift 50 pounds, and be able to work on their feet for up to eight hours. Prerequisite(s): Successful completion of MMN 103, MMN 106, MMN 111, MMN 124, MMN 126, MMN 129, MMN 132.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8342	6 Cr	0:R M-0: M	DAILY	09/23/19-10/25/19	21 ARR	Griffin, Chri	ENHANCED	

MMN 215 CLINICAL INTERNSHIP II

Continued participation in the clinical setting at local facilities allows students to gain a variety of experiences in central service/sterile processing and materiel management. Requirements are the same as MMN 213. Prerequisite(s): Successful completion of MMN 213.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8352	6 Cr	0:R M-0: M	DAILY	10/28/19-12/11/19	21 ARR	Griffin, Chri	ENHANCED	

CHEMISTRY

CHEM& 110 CHEMICAL CONCEPTS W/LAB

An introduction to chemistry intended for non-science majors. This course looks at how models of atoms, bonding, and the structures of materials provide an understanding of common chemical properties and reactions. Co-requisites: Students who have not completed MAT 099 or achieved an Accuplacer advanced algebra score of 233 or equivalent or higher must take MAT 099 concurrently with this course.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0579	5 Cr	1:00PM-3:00PM	Th	09/23/19-12/11/19	15 105	Dalai, Punam	HYBRID	
0514	5 Cr	10:00AM-11:50AM	F	09/27/19-12/06/19	15 105	Dalai, Punam	HYBRID	FULL
0515	5 Cr	8:00AM-9:50AM	F	09/27/19-12/06/19	15 105	Dalai, Punam	HYBRID	

CHEM& 121 INTRODUCTION TO CHEMISTRY

CHEM& 121 INTRO TO CHEMISTRY 5CR Understanding the metric system, atomic theory, bonding, quantitative relationships, solutions, gases, acids and bases, salts, and nuclear chemistry. Prerequisite(s): Successful completion of CHEM& 110 or high school chemistry. Co-requisites: MAT 099 or higher or appropriate Accuplacer placement or equivalent concurrently with this course.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0516	5 Cr	12:00PM-1:50PM	F	09/27/19-12/06/19	15 105	Keenan, Leo	HYBRID	

COLLEGE SUCCESS FOR ALL

COLL 102 COLLEGE SUCCESS FOR ALL

College Success for All prepares students for success at Clover Park Technical College and beyond. This class is offered pass/fail and utilizes CANVAS, CPTC's online learning management system, to familiarize students with this learning environment. Designed to provide students with the basic skills to be successful in college by developing connections with campus resources, faculty, staff, and peers. The course includes 20 hours of classroom instruction and 20 hours of online and computer work. It includes, but is not limited to: study skills, learning styles, communication skills, time management, campus resources, test taking strategies, diversity, and campus policies and procedures. This class also includes mandatory safety and FERPA training, along with SALT component for financial planning. Prerequisite(s): None, but required for all students.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2P02	3 Cr	7:00AM-7:50AM	TuWTh	09/23/19-12/12/19	14 102	Van Beek, Car	HYBRID	
2P12	3 Cr	8:00AM-8:50AM	TuWTh	09/23/19-12/11/19	03 205	Watts, Bryant	HYBRID	
2P22	3 Cr	8:00AM-8:50AM	TuWTh	09/23/19-12/11/19	16 113	Mccooy, Jovan	HYBRID	
2P32	3 Cr	9:00AM-9:50AM	TuWTh	09/23/19-12/11/19	14 208	Phillips, Hal	HYBRID	
2P42	3 Cr	9:00AM-9:50AM	TuWTh	09/23/19-12/11/19	16 116	Mollas, Tula	HYBRID	FULL
2P52	3 Cr	10:00AM-10:50AM	TuWTh	09/23/19-12/11/19	16 205	Vano, Jennie	HYBRID	
2P62	3 Cr	10:00AM-10:50AM	TuWTh	09/23/19-12/11/19	14 208	Phillips, Hal	HYBRID	
2P72	3 Cr	11:00AM-11:50AM	TuWTh	09/23/19-12/11/19	14 212	Vano, Jennie	HYBRID	
2P82	3 Cr	11:00AM-11:50AM	TuWTh	09/23/19-12/11/19	10 216	Phillips, Hal	HYBRID	FULL
2P92	3 Cr	12:00PM-12:50PM	TuWTh	09/23/19-12/11/19	17 240	Crouchet, Cri	HYBRID	
2PA2	3 Cr	1:00PM-1:50PM	TuWTh	09/23/19-12/11/19	10 216	Phillips, Hal	HYBRID	

2PB2	3 Cr	2:00PM-2:50PM	TuWTh	09/23/19-12/11/19	16 203	Salave'a, Eli	HYBRID	FULL
2PC2	3 Cr	3:00PM-3:50PM	TuWTh	09/23/19-12/11/19	21 107	Dotson, Tawny	HYBRID	
2PD2	3 Cr	4:00PM-4:50PM	MTuW	09/23/19-12/11/19	15 112	Davis, Jane	HYBRID	
2PF2	3 Cr	2:00PM-3:50PM	Th	09/23/19-12/11/19	16 116	Mollas, Tula	HYBRID	
2PH2	3 Cr	9:00AM-12:00PM	Sa	09/23/19-12/11/19	10 118	Perkins, Petr	HYBRID	
2PJ2	3 Cr	2:00PM-2:50PM	TuWTh	09/23/19-12/12/19	16 205	McGovern, Tly	HYBRID	
2PK2	3 Cr	12:00PM-12:50PM	TuWTh	09/23/19-12/12/19	14 208	Salave'a, Eli	HYBRID	
2PL2	3 Cr	10:00AM-10:50AM	TuWTh	09/23/19-12/12/19	10 216	Caro, Christi	HYBRID	

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2PG2	3 Cr	1:00PM-2:50PM	W	09/23/19-12/11/19	SHC116	Phillips, Hal	HYBRID	

COMPUTER APPLICATIONS

CAS 105 KEYBOARDING

Use computers to develop touch control and proper keyboarding techniques; introduction to basic word-processing functions.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5702	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reyggers, Ryan	ONLINE	

CAS 115 INTRODUCTION TO COMPUTING

Explore personal computer concepts from a user's perspective. In this introductory course, learn computer terminology; run programs; save, retrieve, and search for files; use help; and perform computer maintenance. Develop basic skills in word processing, Internet, e-mail, and PowerPoint.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2002	3 Cr	9:00AM-10:50AM	Tu	09/24/19-12/09/19	11 112	Carey, Jessi	HYBRID	

CAS 121 WORD I

Use beginning word-processing techniques while creating and editing business documents. Create tables, columns, envelopes, and mailing labels. Work with special features to track and review changes and compare documents.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2012	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Bonner, Lapri	ONLINE	FULL

CAS 130 EXCEL I

Create and analyze professionally formatted spreadsheets. Enter data, formulas, and functions. Create charts and insert graphics. Sort and filter lists. Prerequisite(s): MAT 092 skills preferred.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2022	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Bonner, Lapri	ONLINE	

CAS 135 EXCEL II

Use advanced spreadsheet features and functions to analyze and project data. Learn how to use what-if analysis tools, such as scenarios and solver. Create macros; validate data; link worksheets/books; use pivot tables; find errors; and share, merge, and protect workbooks. Prerequisite(s): Successful completion of CAS 130.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2052	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Cooke, Suzann	ONLINE	

CAS 141 POWERPOINT

Create professionally formatted presentations that include animation and transitions. Insert and format charts, graphics, diagrams and pictures. Save presentations for various delivery options.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2032	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Pastori, Fran	ONLINE	

CAS 145 PUBLISHER

Explore desktop publishing in this project-based class. Create and edit flyers, newsletters, brochures, logos, calendars, and various business publications. Use mail merge to create letters and labels. Use tools to edit text, colors, graphic-design objects, and logos. Prepare files for commercial printing.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2042	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Carey, Jessi	ONLINE	

COMPUTER PROGRAMMING AND WEB DEVELOPMENT

CPW 101 PROGRAMMING FUNDAMENTALS

This course is an introduction to programming concepts that enforces good programming style and logical thinking. Designed for students with little or no programming language experience, it begins with basic general programming concepts and key concepts of structure. The course then progresses to the intricacies of decision-making, looping, array manipulation, and methods.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5402	5 Cr	1:00PM-4:00PM	MW	09/23/19-12/11/19	11 111W	Meerdink, Ken	ENHANCED FULL	

CPW 116 .NET PROGRAMMING

Create programs using the .NET Framework, with focus on desktop and console applications. Use decision structures, loops, and arrays to solve problems. Apply exception handling and data validation to programs. Use the predefined libraries in .NET Framework to solve problems. Create methods and learn to pass and return arguments. Create classes, and use the classes as objects in programming. Use databases to store and retrieve the data from the applications. Prerequisite(s): Successful completion of CPW 142 and CPW 210.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5462	5 Cr	9:00AM-12:00PM	TuTh	09/24/19-12/10/19	11 111E	Ortiz, Joseph	HYBRID	

CPW 118 WEB DESIGN PRINCIPLES

Explore how the web works and methods and limitations of delivering content on the web. Examine usability issues, such as interface design and structure and how to accommodate a wide variety of viewports, from smartphones to cinema screen computer monitors. Students will build a four-page portfolio -style website using Notepad and Photoshop and post it to the Internet.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5442	5 Cr	9:00AM-12:00PM	F	09/27/19-12/06/19	11 111E	Ortiz, Joseph	HYBRID	FULL

CPW 143 JAVA OBJECT-ORIENTED PROGRAMMING II

Build your problem-solving skills with the fundamental concepts and techniques of object-oriented Java programming in analyzing, designing, and implementing computer programs. Practice problem-solving methods and algorithm development to analyze, design, implement, modify, verify, and document computer programs that solve real-world problems. Develop a good conceptual understanding of data and functional abstraction. Prerequisite(s): Successful completion of CPW 142.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5412	5 Cr	9:00AM-12:00PM	MW	09/23/19-12/11/19	11 111W	Meerdink, Ken	ENHANCED	

CPW 150 PRINCIPLES OF RELATIONAL DATABASES

Delve into the fundamental concepts, terminologies, methodologies, and system organizations of database management systems. Develop the theoretical foundation of understanding necessary to design, implement, optimize, query, and maintain a database system. Propose, design, and develop a database, using a relational database management system to reinforce the theoretical concepts.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5452	5 Cr	9:00AM-12:00PM	MW	09/23/19-12/11/19	11 111E	Ortiz, Joseph	HYBRID	

CPW 203 ADVANCED JAVASCRIPT

Reinforce fundamentals and create larger applications using JavaScript. Dive deeper into event-driven programming. Update web pages dynamically by manipulating the HTML Document Object Model (DOM). Learn how to integrate existing JavaScript libraries and frameworks into your applications. Prerequisite(s): Successful completion of CPW 223.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5472	5 Cr	1:00PM-4:00PM	TuTh	09/24/19-12/10/19	11 111E	Ortiz, Joseph	HYBRID	

CPW 215 ADV .NET WEB PROGRAMMING

Build upon existing fundamental ASP.NET skills. Learn how to build scalable, secure, and maintainable web applications. Apply advanced object-oriented techniques while diving deeper into design patterns. Learn how to create and consume web services. Explore server architecture and data storage options with the public cloud. Prerequisite(s): Successful completion of CPW 212 and CPW 213.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5482	5 Cr	1:00PM-4:00PM	MW	09/23/19-12/11/19	11 111E	Ortiz, Joseph	HYBRID	

CPW 240 PROGRAMMING PRACTICUM

Programming on a medium scale in object-oriented development, consolidating prior programming principles and expanding knowledge of application design. This course introduces students to some concepts of advanced programming. Topics may include Graphical User Interface (GUI), Java Database Connectivity (JDBC), multithreading, inner classes, collections, exceptions, file I/O (NIO), networking, reflection, Swing, Remote Method Invocation (RMI), Naming Service (JNDI), Serialization, Servlets, and JavaServer Pages (JSP). Prerequisite(s): Successful completion of CPW 245.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5422	5 Cr	9:00AM-12:00PM	TuTh	09/24/19-12/10/19	11 111W	Meerdink, Ken	HYBRID	

CPW 252 PHONE PROGRAMMING

Covers the concepts involved with programming on the phone ' source control, phone emulators, phone APIs, and deployment. Prerequisite(s): Successful completion of CPW 245.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5432	5 Cr	1:00PM-4:00PM	TuTh	09/24/19-12/10/19	11 111W	Meerdink, Ken	ENHANCED	

COMPUTER NETWORKING AND INFORMATION SYSTEMS SECURITY (CNISS)

NSS 101 IT ESSENTIALS I

Introduces students to the knowledge and skills necessary to competently install, build, configure, upgrade, troubleshoot, and repair PC-compatible hardware, including troubleshooting basic networks and Internet connectivity. Additionally, this course will cover the latest memory, bus, peripherals, and wireless technologies.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4702	5 Cr	8:00AM-3:00PM	MWF	09/23/19-11/06/19	16 107	Morris, Cath	ENHANCED	

NSS 105 IT ESSENTIALS II

Introduces students to the knowledge and skills necessary to competently use, install, configure, upgrade, and troubleshoot current operating systems technologies. Prerequisite(s): Successful completion of NSS 101 or instructor permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4712	4 Cr	8:00AM-3:00PM	MWF	11/08/19-12/11/19	16 107	Morris, Cath	ENHANCED	

NSS 109 CISCO NETWORKING I

The first of four courses in the new Cisco NetAcad CCNA Routing and Switching curriculum, which teaches basics of Ethernet technologies, cabling LANS and WANS, network media, basics of TCP/IP and IP addressing, and routing fundamentals.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4722	5 Cr	12:00PM-3:00PM	TuTh	09/24/19-12/10/19	16 209	Souza, Donal	ENHANCED	

NSS 120 MS DESKTOP SUPPORT I

Introduces students to the knowledge, skills, and tasks necessary to troubleshoot basic problems computer users will face while running a desktop operating system.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4732	5 Cr	8:00AM-3:00PM	MWF	09/23/19-11/06/19	16 207	Lanphier, Jay	ENHANCED	

NSS 125 MS DESKTOP SUPPORT II

Introduces students to the knowledge, skills, and tasks necessary to troubleshoot basic problems computer users will face related to configuring and maintaining applications running on a desktop operating system. Co-requisites: Concurrently enrolled in NSS 120 or instructor permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4742	4 Cr	8:00AM-3:00PM	MWF	11/08/19-12/11/19	16 207	Lanphier, Jay	ENHANCED	

NSS 127 SCRIPTING FOR NETWORK ADMINS

This introductory scripting course is designed to provide students with the fundamental knowledge and skills to use scripting to automate administrative tasks commonly used by system administrators.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4752	4 Cr	12:00PM-2:00PM	TuTh	09/24/19-12/10/19	16 107	Morris, Cath	ENHANCED	

NSS 135 IMPLEMENTING SYSTEM SECURITY

Capstone course of general security concepts, communications security, infrastructure security, basics of cryptography, and organizational security. Includes access, attacks, auditing, vulnerabilities, devices, algorithms, protocols, disaster recover, and documentation.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4762	4 Cr	12:00PM-3:00PM	TuTh	09/24/19-12/10/19	16 111	Hollowell, Ke	ENHANCED	

NSS 139 SERVER OS INSTALLATION AND CONFIGURATION

Introduces knowledge, skills, and tasks necessary to deploy, support, and secure windows server network operating systems in a variety of stand-alone and enterprise network environments. Provides hands-on training for Information Systems Security professionals responsible for managing accounts and resources, maintaining server resources, monitoring server performance, safeguarding data, and securing server network operating systems. Provides guidance for students pursuing industry certification.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4772	4 Cr	8:00AM-11:00AM	TuTh	09/24/19-12/10/19	16 109	Souza, Donal	ENHANCED	

NSS 141 DIGITAL FORENSICS

Introduces the use of software to perform recovery of deleted or corrupted data. Techniques will be used to demonstrate the use of statistical analysis practices to predict or show trends involving security issues of access, crime, or loss prevention.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4782	5 Cr	8:00AM-11:00AM	TuTh	09/24/19-12/10/19	16 207	Lanphier, Jay	ENHANCED	

NSS 145 SERVER SECURITY

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4792	4 Cr	12:00PM-3:00PM	TuTh	09/24/19-12/10/19	16 207	Lanphier, Jay	ENHANCED	

NSS 156 CYBER SECURITY FUNDAMENTALS

This course introduces students to the evolving field of cybersecurity. Students will learn about common cyber-attacks and the techniques used to identify, detect, and defend against cybersecurity threats. They will also gain a basic understanding of personal, physical, network, Internet, and enterprise security. This course also provides a foundation for more advanced study of cybersecurity.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47A2	4 Cr	8:00AM-11:00AM	TuTh	09/24/19-12/10/19	16 107	Morris, Cath	ENHANCED	

NSS 160 INTRODUCTION TO LINUX

Introduces the fundamentals of the Unix/Linux operating system, concepts, architecture, and administration. Students will practice these basic concepts and approaches using LINUX.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47B2	5 Cr	12:00PM-3:00PM	MWF	09/23/19-12/11/19	16 111	Hollowell, Ke	ENHANCED	

NSS 161 ADMINISTERING WINDOWS SERVER OS

Introduces knowledge and skills necessary for systems administrators to successfully implement core services in windows server operating systems. Provides extensive hands-on training for Information Systems Security professionals responsible for installing and maintaining a variety of network services. Including DHCP, DNS, IP addressing, and Virtual Private Networks. Prerequisite(s): NSS 139 or equivalent experience

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47C2	4 Cr	8:00AM-11:00AM	MWF	09/23/19-12/11/19	16 109	Souza, Donal	ENHANCED	

NSS 164 VIRTUALIZATION AND CLOUD TECHNOLOGIES

Introduces virtualization and cloud technologies needed to advance in today's technology workplace. Provides an overview of virtualization and cloud technologies focusing on using virtualization software in networked environments in building virtual networks, implementing clusters, enhancing performance and security, and using virtualization and cloud management tools to centralize management of multiple virtual servers. This class includes opportunities for hands-on learning experiences to build the skills necessary for a successful career in the computer industry, which is increasingly focused on virtualization. Prerequisite(s): Successful completion of CompTIA's A+ and Network+ certifications or equivalent training.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47D2	4 Cr	8:00AM-10:30AM	TuTh	09/24/19-12/10/19	16 111	Hollowell, Ke	ENHANCED	

NSS 180 INTERNSHIP I

On-the-job practical field experience combining classroom study with related work experience under the supervision of an employer. Includes scheduled seminars. Prerequisite(s): Instructor permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47F2	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	16 112	Randall Jody	ENHANCED	

NSS 201 ADVANCED LINUX

Advanced fundamentals of the Linux operating system, servers, and desktop computers. This course is a hands-on, practical approach to the advanced abilities and usage of Linux system concepts, architecture, and administration. Prerequisite(s): Successful completion of NSS 160 or basic understanding of the Linux Operating System.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47G2	5 Cr	8:00AM-11:00AM	MWF	09/23/19-12/11/19	16 111	Hollowell, Ke	ENHANCED	

NSS 206 ADVANCED WINDOWS SERVER CONFIGURATION

Introduces the knowledge and skills necessary for systems administrators to successfully implement advanced services in Windows server operating systems. Provides extensive hands-on exercises where students learn to configure and manage a wide range of services, including network load balancing, clustering, DHCP, DNS, and direct access. Provides guidance for students pursuing industry certification. Prerequisite(s): Successful completion of NSS 162 Administering Windows Server OS or instructor permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47H2	5 Cr	12:00PM-3:00PM	MWF	09/23/19-12/11/19	16 109	Souza, Donal	ENHANCED	

NSS 250 INTERNSHIP II

This course provides practical field experience in a security-related specialty area. Includes scheduled seminar. Prerequisite(s): Instructor's Permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47J2	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	16 112	Randall Jody	ENHANCED	

NSSB 203 PENETRATION TESTING SECURITY AND ANALYSIS

Introduces the history of hacking, its various forms, and examples of the latest attacks, tools, and techniques employed by today's hackers. Includes countermeasures that help illustrate how to protect against these devastating maneuvers. Prerequisite(s): Successful completion of NSS 135.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47K2	5 Cr	8:00AM-11:00AM	MTuWTh	09/23/19-10/29/19	16 112	Randall Jody		

NSSB 210 NSSB SECURITY LEARNING LAB I

Provides opportunities for students to gain the knowledge, enhance their skills, and provide hands-on experience needed or required within the industry to be successful in the security field. Co-requisites: Concurrently enrolled in NSSB 203 and NSSB 232.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47L2	3 Cr	8:00AM-11:00AM	F	09/27/19-12/06/19	16 112	Randall Jody		

NSSB 215 COMPUTER FORENSICS

Basic practices and techniques used in computer forensics. This course introduces the chain of custody and

determination of the sequence of events when a misuse or crime is suspected. Topics include: evidence collection and analysis, interpretation of clues from mail messages, news posting, and file signatures on hard drives and other computer storage media. Prerequisites: NSS 140.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47M2	4 Cr	12:00PM-3:00PM	MTuWTh	09/23/19-10/29/19	16 112	Randall Jody		

NSSB 220 SECURITY LAB II

Provides opportunities for students to gain the knowledge, enhance their skills, and provide hands-on experience needed or required within the industry to be successful in the security field. Co-requisites: Concurrently enrolled in NSSB 215 and NSSB 246.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47N2	3 Cr	12:00PM-3:00PM	F	09/27/19-12/06/19	16 112	Randall Jody		

NSSB 232 INVESTIGATION & RESPONSE

Analyze the risks involved and determine what level of security is needed to operate a website. Topics include how to protect a web setup from intrusion, sabotage, eavesdropping, and tampering, and view the website with existing tools and techniques of hackers. Develop a secure website plan to select, secure, configure, and set up firewalls, as well as secure an extended and distributed enterprise network or Virtual Private Network.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47P2	5 Cr	8:00AM-11:00AM	MTuWTh	10/30/19-12/11/19	16 112	Randall Jody		

NSSB 246 SCRIPTING FOR PENETRATION TESTERS

Introduces scripting languages used for one-off programming jobs or prototyping and their use for large generic applications as a flexible way to configure and secure generic software components to fit specialist requirements. This class will illustrate some practical applications of scripting and provide an introduction to some of the most widely used scripting languages.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47Q2	5 Cr	12:00PM-3:00PM	MTuWTh	10/30/19-12/11/19	16 112	Randall Jody		

NSSC 201 CISCO NETWORKING II

The second of four courses in the new Cisco NetAcad CCNA Routing and Switching curriculum. Includes the basics of configuring routers, routing protocols, TCP/IP concepts, access control lists, and network troubleshooting skills. Prerequisite(s): Successful completion of NSS 109.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47R2	5 Cr	8:00AM-11:00AM	MWF	09/23/19-10/30/19	16 209	Turner, Jeffr	ENHANCED	

NSSC 203 CISCO NETWORKING III

The third of four courses in the new Cisco NetAcad CCNA Routing and Switching curriculum. Includes VLSM, basics of OSPF and EIGRP, switch concepts and configuration, Spanning Tree Protocols, VLANs, and VTP. Prerequisite(s): Successful completion of NSSC 201.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47S2	5 Cr	8:00AM-11:00AM	MWF	11/04/19-12/11/19	16 209	Turner, Jeffr	HYBRID	

NSSC 205 CISCO NETWORKING IV

The last of four courses in the new Cisco NetAcad CCNA Routing and Switching curriculum. Includes IPSEC, VPN, Frame Relay, PPP, NAT, PAT, DHCP, and WAN technologies. Prerequisite(s): Successful completion of NSSC 203.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47U2	5 Cr	8:00AM-11:00AM	TuThF	09/24/19-11/05/19	16 209	Turner, Jeffr	ENHANCED	

NSSC 207 CISCO LEARNING LAB I

Provides opportunities for students to gain the knowledge, skills, and hands-on experience needed to prepare for the Cisco CCENT certification exam. Co-requisites: Concurrently enrolled in NSSC 201 (Cisco Networking II) & NSSC 203 (Cisco Networking III).

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47T2	3 Cr	12:00PM-3:00PM	MWF	09/23/19-12/11/19	16 209	Turner, Jeffr		

NSSC 208 MANAGING NETWORK SECURITY

Introduces knowledge and skills needed to install, configure, operate, manage, and verify network security products and security features. The course focuses on implementing IP network security. Prerequisite(s): Successful completion of NSSC 205 or current CCENT certification.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47V2	5 Cr	8:00AM-11:00AM	TuThF	11/07/19-12/10/19	16 209	Turner, Jeffr	ENHANCED	

NSSC 210 CISCO LEARNING LAB II

Provides opportunities for students to gain the knowledge, skills, and hands-on experience needed to prepare for the Cisco CCNA certification exam. Co-requisites: Concurrently enrolled in NSSC 205 (Cisco Networking IV) & NSSC 208 (Managing Network Security).

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47W2	3 Cr	12:00PM-3:00PM	TuThF	09/24/19-12/10/19	16 209	Turner, Jeffr		

CONSTRUCTION

CONST 102 SAFETY & OPERATING CERTIFICATE**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2202	3 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Saucedo, Chis		

CONST 104 MATH & PRINT READING FOR CONSTRUCTION**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2212	5 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Quinlan, Jame		

CONST 106 BASIC CARPENTRY SKILLS**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2222	6 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Quinlan, Jame		

CONST 109 EMPLOYMENT PREPARATION**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2232	4 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Saucedo, Chis		

CONST 126 ROOFING MATERIALS & INSTALLATION

Introduction to various roofing materials, including proper installation techniques. ""

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2242	3 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Quinlan, Jame		

CONST 134 EXTERIOR FINISH

Introduction to the installation of exterior trim, siding, window and door installation, or the equivalent, of typical residential homes. "

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2252	3 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Saucedo, Chis		

CONST 139 INTERIOR FINISH I**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2262	5 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Quinlan, Jame		

CONSTRUCTION - SUSTAINABLE BUILDING SCIENCE

SBS 107 SUSTAINABLE BUILDING BASICS**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2272	4 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Quinlan, Jame		

SBS 142 BUILDING ENVELOPE**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2292	4 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Saucedo, Chis		

SBS 150 MOISTURE MITIGATION

Introduction to practices in construction that prevent moisture intrusion, as well as techniques for maintaining healthy living environments free from the destructive impacts of moisture.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2282	3 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Saucedo, Chis		

SBS 174 BASIC DIAGNOSTICS & TESTING**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
22A2	4 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Quinlan, Jame		

SBS 185 SERVICE LEARNING PROJECT

A capstone project that gives students an opportunity to apply their sustainable building science knowledge in a real life setting, focusing on helping nonprofit organizations achieve sustainability in the buildings where they live, work, and serve the public.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
22B2	3 Cr	8:00AM-2:30PM	DAILY	09/23/19-12/11/19	05 100	Quinlan, Jame		

CORE ALLIED HEALTH

CAH 102 MEDICAL TERMINOLOGY

Provides students with the basic techniques of medical word building using basic word elements. The class will be organized according to specific body systems and will include key terms and the introduction of anatomical, physiological, and pathological terms.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3002	5 Cr	8:00AM-8:50AM	DAILY	09/23/19-12/11/19	21 109	Freyre, Marie		
3012	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Freyre, Marie	ONLINE	
3022	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Scott, Patric	ONLINE	
3032	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Freyre, Marie	ONLINE	

CAH 105 COMPUTER APPLICATIONS

Introduction course to the use of Microsoft office and related online programs. Students will become familiar with online tools and learn team based projects while developing a proficiency in the use of technology. 'This course is recommended for students with previous computer knowledge and ability.'

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3042	5 Cr	10:00AM-10:50AM	MWTh	09/23/19-12/11/19	21 106	Mandley, L	HYBRID	
3052	5 Cr	11:00AM-11:50AM	MWTh	09/23/19-12/11/19	21 106	Mandley, L	HYBRID	FULL
3062	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Mandley, L	ONLINE	
3072	5 Cr	2:30PM-5:00PM	MW	09/23/19-12/11/19	21 106	Mandley, L	HYBRID	

COSMETOLOGY

COSMO 112 INFECTION CONTROL PRINCIPLES AND PRACTICES

Acquire knowledge for successful and responsible infection control, first aid, and safety. Learn and apply concepts of microbiology for safe handling of tools, proper dispensing of chemicals, and prevention of the spread of bacteria in a school or salon as required by state board regulations. Obtain Barbicide certification. Pre-req: Instructor permission required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5302	2 Cr	7:30AM-3:00PM	TuWThF	09/24/19-09/26/19	08 207	Chiaro, Loree	HYBRID	

COSMO 117 TRICHOLOGY

Learn why professional hair services must be based on an understanding of the hair structure and composition. Gain skills in evaluating various hair and scalp conditions, disorders and diseases. Including parasities.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5312	4 Cr	7:30AM-3:00PM	TuWThF	09/27/19-10/15/19	08 207	Chiaro, Loree		

COSMO 137 APPLICATIONS OF HAIRCUTTING AND THERMAL STYLING

Introducing haircutting tools and cutting fundamentals. The use of a systematic plan for each haircut develops the foundational skills desired. It is important the hair designer recognize and identify the primary considerations, fundamentals, essentials and infection control and safety. Learn the consultation guidelines for haircutting to create the clients desired results. Build a repertoire of skills necessary to meet the needs in industry. Thermal styling covers the proper usage and methods of styling, waving, or curling the hair heated tools. Haircutting and thermal styling are stand-alone services. The practice of infection control and safety practices required by salon standards and state board regulations are reinforced.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5322	13 Cr	7:30AM-3:00PM	TuWThF	10/17/19-12/11/19	08 207	Chiaro, Loree		

COSMO 146 CHEMICAL TEXTURE SERVICE

Presentation of the three main concepts of chemical texturizing commonly known as permanent waving, relaxing with chemicals, and curl reforming and straightening. Brazilian blowout certification is achievable through this course. This course covers the theory of chemical texturizing and the tools used to achieve desired effects, infection control principles and practices, and client consultation. Prerequisite(s): Successful completion of COSMO 112, COSMO 116, COSMO 123, and COSMO 136.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53A2	5 Cr	7:30AM-3:00PM	TuWThF	10/01/19-10/23/19	08 205	Deleon, Carin	HYBRID	FULL

COSMO 147 WET STYLING & LONG HAIR DESIGN

A presentation of techniques, procedures and fundamentals in wet styling. The student will be introduced finger waving, pin curling and roller placements, along with long hair design techniques. Infection control principles and practices are reinforced. Prerequisite(s): Successful completion of COSMO 112, COSMO 117 and COSMO 137 with a "C" or better or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5342	5 Cr	7:30AM-3:00PM	TuWThF	09/24/19-10/04/19	08 208	Codrington, E		

COSMO 159 LAB CLINIC I

Enhancing skills and knowledge by providing services to clients, models and on the use of mannequins in a realistic salon environment. This course reinforces skills learned in COSMO 112, COSMO 117 and COSMO 137, including hair and scalp analysis, consultation, scalp and hair care, haircutting and hairstyles.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5362	7 Cr	7:30AM-3:00PM	TuWThF	10/31/19-12/11/19	CL#3	Codrington, E		

COSMO 163 LAB CLINIC II

Experience hands-on learning in a realistic salon setting. Fundamental and developing skills are reinforced and expanded as students provide consultation, haircutting, hairstyling, conditioning treatments, and hair coloring services on clients/models. Prerequisite(s): Successful completion of COSMO 142, COSMO 164 and COSMO 158, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5372	9 Cr	7:30AM-3:00PM	TuWThF	10/29/19-12/11/19	08 CL#1	Maguire, Patr		FULL

COSMO 166 LAB CLINIC II

Hands-on learning experience in Clover Park Technical College's student clinic. The learner will continue skills applied in Lab Clinic I in addition to hair color and design skills. Prerequisite: Successful completion of COSMO 161 and COSMO 156. ""

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5202	7 Cr	8:30AM-4:00PM	MTuWTh	09/23/19-12/11/19	WCC128	Frink, Barb		

COSMO 167 GENERAL SCIENCE OF HAIR COLORING

This course offers exploration of relationships in color. Developing the art of the consultation will guide students through the proper formulation and decision making to meet clients need. Students will learn color applications to achieve desired results in addition to the safety and sanitation practices unique to hair coloring. Prerequisite(s): Successful completion of COSMO 112, COSMO 117 and COSMO 137 with a "C" grade or better or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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5352 6 Cr 7:30AM-3:00PM TuWThF 10/08/19-10/30/19 08 208 Codrington, E

COSMO 172 LAB CLINIC III

Continue to gain hands-on learning in a realistic salon setting. Fundamental and developing skills are reinforced and expanded as students provide consultation, haircutting, hairstyling, conditioning, hair coloring, and chemical texturizing services on clients/models. Prerequisite(s): Successful completion of COSMO 163, COSMO 181, COSMO 226, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53B2	10 Cr	7:30AM-3:00PM	TuWThF	10/24/19-12/11/19	08 CL#2	Deleon, Carin		FULL

COSMO 175 COSMETOLOGY SALON BUSINESS PRACTICES

Introduces the professional mindset and skills required to develop strategies for success. Learn the basic factors of salon business practices, such as business plans for salon owner/boot renter, importance of recordkeeping, retailing, creating a referral system, and building and retaining a clientele. Prerequisite(s): Successful completion of COSMO 112, COSMO 116, COSMO 123, COSMO 136, COSMO 142, COSMO 158, COSMO 163, COSMO 164, COSMO 181, and COSMO 226, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53C2	3 Cr	7:30AM-3:00PM	TuWThF	09/24/19-09/27/19	08 205	Deleon, Carin	HYBRID	FULL

COSMO 178 ARTIFICIAL HAIR

This course introduces different types of artificial hair and their applications and removal techniques. Infection control and safety related to artificial hair services are also covered. Prerequisite: Successful completion of COSMO 161. ""

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5252	2 Cr	8:30AM-4:00PM	MTuWTh	09/23/19-12/11/19	WCC128	Frink, Barb		

COSMO 181 ARTIFICIAL HAIR

An informative overview of artificial hair principles. Prerequisite(s): Successful completion of COSMO 172 or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5382	2 Cr	7:30AM-3:00PM	TuWThF	09/24/19-09/27/19	08 108	Maguire, Patr	HYBRID	FULL

COSMO 183 GENERAL STUDY OF NAILS

Learn to work with the tools required for nail services and practice fundamental techniques for providing clients with a professional manicure and pedicure on natural nails. Topics include basic nail theory, nail disease, disorders, and anatomy of the hands. Practice skills in safety and sanitation associated with nail care. Students will engage in 100 hours of natural nail training, as well as preparation for the Washington Department of Licensing State Board Cosmetology written and practical exams.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53P2	7 Cr	9:30AM-12:00PM	TuW	09/24/19-12/11/19	02 101	Campbell, Ehr	HYBRID	FULL

COSMO 189 GENERAL SCIENCE OF SKIN

An introduction to esthetic sciences. Presents structure and growth, disorders and diseases, application and removal of temporary hair, facial massage, and cosmetics. Students will comply with all infection control principles and practices. Students will engage in 100 hours of skin care training, as well as preparation for the Washington Department of Licensing State Board Cosmetology written and practical examinations. Prerequisite(s): Successful completion of COSMO 112, COSMO 116, COSMO 123, COSMO 136, COSMO 142, COSMO 158, and COSMO 164, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53Q2	7 Cr	12:00PM-3:00PM	TuWF	09/24/19-12/11/19	02 101	Campbell, Ehr	HYBRID	FULL

COSMO 224 ADVANCED HAIR COLORING

Covers the advanced skills and the many techniques of the chemical and physical process of hair coloring. Safety precautions, sanitation, and first aid will be applied throughout the course. Prerequisite: Successful completion of COSMO 156 and COSMO 161.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5222	10 Cr	8:30AM-4:00PM	MTuWTh	09/23/19-12/11/19	WCC128	Frink, Barb		

COSMO 226 ADVANCED HAIR COLORING

Reinforces skills and techniques of hair coloring applications and presents advanced patterns creating special effects for current trends and fashion. Develops skill in the special challenges of hair color and corrective solutions. Prerequisite(s): Successful completion of COSMO 158 and COSMO 172, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5392	8 Cr	7:30AM-3:00PM	TuWThF	10/01/19-10/25/19	08 108	Maguire, Patr	HYBRID	FULL

COSMO 229 STATE BOARD PRACTICAL PREPARATION

Prepares students to sit for the Washington State Cosmetology or Hair Designer Practical Board examination. Prerequisite(s): Successful completion of COSMO 112, COSMO 116, COSMO 123, COSMO 136, COSMO 142, COSMO 146, COSMO 158, COSMO 163, COSMO 164, COSMO 172, COSMO 175, COSMO 181, and COSMO 226, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53D2	4 Cr	7:30AM-3:00PM	TuWThF	09/24/19-10/08/19	08 CL#4	Frederick, Sa	HYBRID	

COSMO 231 LAB CLINIC IV

Continue to gain hands-on learning experience in a realistic salon setting. Fundamental and developing skills are reinforced and expanded as students provide consultation, haircutting, hairstyling, conditioning, hair coloring, and chemical texturizing services on clients/models. Demonstrate skills with minimal supervision. Prerequisite(s): Successful completion of COSMO 172 or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53F2	10 Cr	7:30AM-3:00PM	WThF	10/19/19-12/03/19	08 CL#4	Frederick, Sa		

COSMO 236 STATE BOARD WRITTEN TEST REVIEW

Prepares students for Washington State Cosmetology or Hair Designer Written Board Examinations. Prerequisite(s): Successful completion of COSMO 172 or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53G2	3 Cr	7:30AM-3:00PM	Tu	10/15/19-10/22/19	08 205	Frederick, Sa	HYBRID	

COSMO 244 COSMETOLOGY CAPSTONE

Arrange a portfolio that demonstrates a culmination of all skills, concepts, and achievements that summarize the Cosmetology or Hair Designer program under the discretion of the instructor. Prerequisite(s): Successful completion of COSMO 112, COSMO 116, COSMO 123, COSMO 136, COSMO 142, COSMO 146, COSMO 158, COSMO 163, COSMO 164, COSMO 172, COSMO 175, COSMO 181, and COSMO 226, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53H2	3 Cr	7:30AM-3:00PM	TuWThF	12/04/19-12/11/19	08 CL#4	Frederick, Sa	HYBRID	

COSMO 247 DESIGN FORUM

This course utilizes Pivot Point's Design Forum and additional concepts to present current trends in hair design. Students will learn step-by-step procedures for cutting, coloring, and styling the hair to create specific looks. Prerequisite: Successful completion of COSMO 126, 156, 161.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5242	1 Cr	8:30AM-4:00PM	MTuWTh	09/23/19-12/11/19	WCC128	Frink, Barb		

COSMO 248 INDUSTRY INTERNSHIP I

Provides on-the-job experience for students in the field of cosmetology. This is an optional 33-hour course for students desiring an internship experience or who need additional hours to meet the state licensing requirements. Prerequisite: Successful completion of 'COSMO 230. "

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53M2	1 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Frederick, Sa		

COSMO 250 INDUSTRY INTERNSHIP II

Provides on-the-job experience for students in the field of cosmetology. This is an optional 66-hour course for students desiring an internship experience or who need additional hours to meet the state licensing requirements. Prerequisite: Successful completion of COSMO 230.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53N2	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Frederick, Sa		

COSMO 252 INDUSTRY INTERNSHIP III

Provides on-the-job experience for students in the field of cosmetology. This is an optional 99-hour course for students desiring an internship experience or who need additional hours to meet the state licensing requirements. Prerequisite: Successful completion of COSMO 230. ""

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53R2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Frederick, Sa		

COSMO 254 INDUSTRY INTERNSHIP IV

Provides on-the-job experience for students in the field of cosmetology. This is an optional 132-hour course for students desiring an internship experience or who need additional hours to meet the state licensing requirements. Prerequisite: Successful completion of COSMO 230.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53S2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Frederick, Sa		

COSMO 256 INDUSTRY INTERNSHIP V

Provides on-the-job experience for students in the field of cosmetology. This is an optional 160-hour course for students desiring an internship experience or who need additional hours to meet the state licensing requirements. Prerequisite: Successful completion of COSMO 230.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53T2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Frederick, Sa		

CULINARY ARTS

CUL 104 SANITATION IN FOOD SERVICE OPERATIONS

Presents the principles of food microbiology, food borne illness and the standards that are enforced by regulatory agencies. Applied measures for the prevention of food borne illness and other microbiological factors are incorporated. National Restaurant Association ServSafe Certification.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3202	3 Cr	11:00AM-1:45PM	MTu	09/23/19-10/29/19	31 100	Massey, Richa	ENHANCED	

CUL 107 PROFESSIONAL COOKING I

Provides students with a general understanding of the professional kitchen. Topics include kitchen safety; dishwasher procedures; how to handle food in a safe environment; selection of and caring for knives; understanding how a professional kitchen is organized; and the rationale, cleaning, and function of kitchen equipment. Students will learn to cut foods in a variety of shapes and to recognize and use a variety of herbs and spices.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3212	7 Cr	7:00AM-9:00AM	DAILY	09/23/19-12/11/19	31 100	Massey, Richa	ENHANCED	

CUL 109 COOKING METHODS I

Introduces students to the experience of preparing and cooking meals for restaurant service. Students will be given assignments and will rotate through restaurant stations throughout the quarter. Students will learn dishwashing and basic food preparation, how to read and follow standardized recipes, deli operations, and station organization.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3222	7 Cr	9:00AM-1:45PM	WThF	09/25/19-12/11/19	31 100	Massey, Richa		

CUL 111 FOOD PREPARATION I

Practice and apply the skills of a restaurant cook. Students will learn the importance of organizing and planning their work stations, as well as preparing items needed prior to actual cooking. Topics include fruit and vegetable varieties, uses, and preparation.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3232	3 Cr	9:00AM-2:00PM	MTu	11/04/19-12/10/19	31 100	Massey, Richa	ENHANCED	

CUL 123 COOKING METHODS II

Introduces the experience of preparing and cooking meals for restaurant service. Students will be given assignments and will rotate through restaurant stations throughout the quarter. They will be expected to practice a high level of previously learned competencies in knife skills, sanitation, proper handling and storage of product, and working under stringent time guidelines. Prerequisite(s): Successful completion of CUL 109.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3242	7 Cr	9:00AM-1:45PM	WThF	09/25/19-12/11/19	31 100	Massey, Richa		

CUL 139 COOKING METHODS III

Introduces students to the experience of preparing and cooking meals for restaurant service. Students will be given assignments and will rotate through restaurant stations throughout the quarter. Students will be expected to practice a high level of previously learned competencies in knife skills, sanitation, proper handling and storage of product, and working under stringent time guidelines. Prerequisite(s): Successful completion of CUL 123.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3252	7 Cr	9:00AM-1:45PM	WThF	09/25/19-12/11/19	31 100	Massey, Richa		

DENTAL ASSISTANT

DAS 103 GENERAL STUDIES

Introduces students to the dental profession and cultural diversity, including how to correctly recognize and identify the various occupations within the dental field, as well as the terminology necessary to complete all other courses.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7752	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Wirth, R	ONLINE	FULL

DAS 105 BIOMEDICAL SCIENCES

Introduces students to the sciences of microbiology, disease transmission, occupational health and safety, ergonomics, and the processes and procedures for infection prevention, disinfection, instrument processing, and sterilization. Students will be able to demonstrate how to prevent disease transmission and the proper handling of infectious and hazardous materials.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7762	4 Cr	12:00PM-1:00PM	W	09/23/19-12/11/19	21 109	Wirth, R	HYBRID	FULL

DAS 110 DENTAL SCIENCES I

Students will explore information that will assist in accurately identifying oral anatomy, oral embryology, histology, common facial landmarks, and key elements of personal oral hygiene and nutrition.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7772	5 Cr	12:00PM-1:00PM	TuTh	09/27/19-12/09/19	21 109	Wirth, R	HYBRID	FULL

DAS 113 DENTAL ASSISTING SKILLS I

Introduces students to the techniques that will enable them to successfully achieve the goal of proper moisture control to provide better visibility in the operating field, reduce the transmission of infectious diseases, and maintain a safe laboratory environment. Students will learn to take alginate impressions, pour and trim diagnostic study casts, and to accurately record vital signs, including blood pressure, pulse, and respiration. Students will be able to accurately identify dental charting symbols.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7782	4 Cr	12:00PM-1:00PM	M	09/23/19-12/11/19	21 109	Wirth, R	HYBRID	FULL

DAS 116 FOUNDATIONS OF CLINICAL DENTISTRY

Introduces students to the management of a medical or dental emergency in the dental office. In addition, students will be introduced to the dental treatment room, including the proper names, descriptions, use and care of dental instruments and equipment used in restorative dental procedures.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7792	4 Cr	12:00PM-1:00PM	Tu	09/23/19-12/11/19	21 109	Wirth, R	HYBRID	FULL

DAS 118 PRINCIPLES OF RADIOGRAPHY I

Introduces students to the theory of radiographic techniques, including patient and operator safety while exposing radiographs.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
77A2	1 Cr	12:00PM-1:00PM	W	11/17/19-12/04/19	21 109	Wirth, R	HYBRID	FULL

DAS 223 DENTAL SCIENCES III

Introduces students to the science of pharmacology, including the recognition of potential drug interactions and the subject of anesthesia and pain control as it applies to dentistry. Also introduces students to anesthesia and pain control, lab and impression materials, and the medically and physically compromised patient. Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, 118, 120, 125, 130, 135, and 140 and complete the Infection Control component of the DANB certification exam prior to continuing in the Dental Assistant Program.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7702	3 Cr	12:00PM-3:00PM	DAILY	09/26/19-12/03/19	14 107	Precour, Hann	HYBRID	

DAS 224 DENTAL ASSISTING SKILLS III

Introduces the theory and practice of chair-side assisting, including oral evacuation and instrument exchange. Students are introduced to advanced chair-side instruments, tray systems, charting, study models, and rubber-dam application techniques. This course covers the assembly and placement of matrix systems. Students will expose, process, and mount a minimum of three full-mouth series of radiographic images, both on film and digitally. This course's culminating project covers the operatory preparation and assisting during restorative procedures. Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, 118, 120, 125, 130, 135, and 140 and complete the Infection Control component of the DANB certification exam prior to continuing in the Dental Assistant Program.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7712	7 Cr	9:00AM-11:00AM	Tu	09/24/19-10/08/19	21 109	Precour, Hann	HYBRID	

DAS 226 DENTAL SPECIALTIES II

This course provides an in-depth exploration of the dental specialties of fixed prosthodontics, removable prosthodontics and dental implants, oral and maxillofacial surgery, and pediatric dentistry. Students will also be introduced to the expanded function of pit and fissure sealants, construction and placement of provisional crowns and bridges, polishing full and partial dentures, and retraction cord placement. Students will also prepare the operatory, give post-operative instructions, and document in the patient chart a variety of specialty procedures. Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, 118, 120, 125, 130, 135, and 140 and complete the Infection Control component of the DANB certification exam prior to continuing in the Dental Assistant Program.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7722	8 Cr	9:00AM-11:00AM	W	10/01/19-12/11/19	21 109	Precour, Hann	HYBRID	

DAS 228 CERTIFICATION REVIEW II

Prepares students to take the Radiation Health and Safety exam through the Dental Assistant National Board. Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, 118, 120, 125, 130, 135, and 140 and complete the Infection Control component of the DANB certification exam prior to continuing in the Dental Assistant Program.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7732	1 Cr	0:R M-0: M		09/23/19-11/25/19	ON LINE	Precour, Hann	ONLINE	

DAS 237 CLINICAL EXPERIENCE I

Provides Dental Assistant students with the opportunity to use the skills and information acquired in DAS 103-228. Students will spend three hours per week ' for a total of 30 hours ' volunteering in an infection-control assistant capacity in a private office or dental clinic. Prerequisite(s): Students must successfully complete DAS 103, 110, 113, 116, 118, 120, 125, 130, 135, and 140 and complete the Infection Control certification prior to continuing in the Dental Assistant Program.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7742	1 Cr	ARRANGED	ARRANGED	09/23/19-12/05/19	ARR	Precour, Hann	ENHANCED	

DAS 243 CERTIFICATION REVIEW III

Prepares students to take the final component of the Dental Assistant National Board exam, General Chairside. Upon successful completion of the exam and all Dental Assistant courses, students will receive their Certified Dental Assistant credentials and be eligible for graduation. Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, 118, 120, 125, 130, 135, 140, 223, 224, 226, 228, and 237, their Infection Control certification, and their Radiation Health & Safety component prior to continuing in the Dental Assistant Program.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
77G2	1 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Wirth, R		FULL

DBOA 103 DENTAL TERMINOLOGY & PROCEDURES

Introduces information to correctly recognize and identify various occupations within the dental environment. Students will also learn terminology necessary to complete the other courses in the program. Students will learn to accurately identify the names and numbers of teeth in the primary and permanent dentition. Students will complete the Washington State Dental Association (WSDA) HIV/AIDS course.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
77B2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Wirth, R	ONLINE	

DBOA 111 DENTAL CHARTING, SCHEDULING & RECALL MANAGEMENT

Explores dental charting symbols and treatment descriptions. Students will develop, decipher, and present a comprehensive treatment plan. Covers the necessary information to accurately develop a patient recall system and maintain productive and effective patient scheduling. Students will have training and 24-hour access to the Dentrix Dental Software to learn and practice dental charting, scheduling, and recall procedures. Prerequisite(s): DBOA 103 (or co-requisite).

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
77C2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Wirth, R	ONLINE	

DBOA 119 DENTAL DOCUMENTS AND INVENTORY SYSTEMS

Explores a wide variety of dental office forms and the development of manual and computerized inventory filing systems. Organizational skills are the primary emphasis of this course. Prerequisite(s): DBOA 103

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
77D2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Wirth, R	ONLINE	

DBOA 135 DENTRIX ADVANCED TRAINING

Provides expanded Dentrix software skills to students with basic Dentrix Dental Software training or experience. Students will have training and 24-hour access to the software. Students will demonstrate setting up practice defaults in the Office Manager module, manage electronic charting in the Dentrix Dental Software, pursue dental insurance claims processing and payment posting processes, and explore and generate management reports. Prerequisite: DBOA 111 or industry experience with the Dentrix Dental Software.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
77F2	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Wirth, R	ONLINE	

DIGITAL ENTERTAINMENT DESIGN AND PRODUCTION

DED 102 GENRE STUDIES

Covers history of film and how economy and politics affect films through hidden symbolism.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9002	3 Cr	1:00PM-6:00PM	F	09/27/19-12/06/19	11 142	Felch, Chris	HYBRID	FULL

DED 104 GENERAL ART

This course covers the fundamentals of traditional art and basic skills of visual expression.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9012	4 Cr	1:00PM-6:00PM	M	09/23/19-12/09/19	11 142	Geary, Shawn	HYBRID	FULL

DED 106 DIGITAL ART I

Overview of the primary industry software tools used in the creation of 2D computer graphics: Adobe Photoshop and Adobe Illustrator. Students will learn the commands and the interfaces of industry-standard raster graphics and vector graphics with photo modification.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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9022 4 Cr 1:00PM-6:00PM Th 09/26/19-12/05/19 11 107 Geary, Shawn HYBRID FULL

DED 108 SCREEN WRITING

Introduces the fundamentals of writing and working with scripts for many different media projects. This will include, but is not limited to, the creation and breakdown of scenes using voice, action, and dialogue. Co-requisites: ENG 094.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9032	3 Cr	1:00PM-5:00PM	W	09/25/19-12/11/19	11 142	Felch, Chris	HYBRID	FULL

DED 120 DIGITAL PHOTOGRAPHY II

Builds on the previous course concentrating on using light effectively. Students will begin to use photographic lights to take studio-style photographs of still life, working up to portrait photography. Prerequisite(s): Successful completion of DED 110.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9042	4 Cr	1:00PM-6:00PM	Th	09/26/19-12/05/19	11 142	Felch, Chris	HYBRID	

DED 125 DIGITAL VIDEO I

Introduces students to digital video equipment and proper handling. Hands-on work will involve 3-point lighting, continuity, sound, and basic editing. Students will complete a variety of technical exercises, which will familiarize them with terms and equipment.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9052	4 Cr	1:00PM-6:00PM	Tu	09/24/19-12/10/19	11 142	Geary, Shawn	HYBRID	

DED 127 ADVANCED MEDIA CREATION

Exploring the high-level decisions made in the creation of various forms of digital entertainment. Introduces the concepts and practices associated with how written word is translated into visual language. Students will explore how their chosen mediums are a reflection of the world we live in and vice versa. During this course students will have the opportunity to learn the art and theory behind films and games, including how various design decisions are used to affect the audience. Prerequisite(s): Successful completion of DED 127 or DED 102, DED 145, DED 140, and DED 152.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9082	4 Cr	10:30AM-1:00PM	WTh	09/25/19-12/05/19	11 107	Felch, Chris	HYBRID	

DED 138 ADVANCED DEVELOPMENT TOOLS

Students will develop projects using the industry tools of their medium. Students will choose between using the advanced software of their medium to create professional grade projects to use in a personal portfolio showcasing their talents and skills. Prerequisite(s): Successful completion of DED 125 and DED 152.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9092	4 Cr	10:30AM-1:00PM	MTu	09/23/19-12/10/19	11 107	Felch, Chris	HYBRID	

DED 145 DIGITAL EDITING

Covers digital editing using Adobe Premiere Pro. Students will work with nested, single-frame, and multiple-sequencing editing tools to export to a variety of formats and for websites like YouTube, adding multi-track audio, transitions, and simple effects.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9062	4 Cr	1:00PM-6:00PM	W	09/25/19-12/11/19	11 107	Geary, Shawn	HYBRID	

DED 150 3D MODELING I

Uses 3D Studio Max, specialized software that is commonly used to create 3-Dimensional graphics. The majority of the class is spent becoming familiar with the software through class tutorials and weekly assignments and learning basic

techniques, such as box modeling. By completing this class, students will be able to create models that can be used in film or games.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9072	4 Cr	1:00PM-6:00PM	M	09/23/19-12/09/19	11 107	Felch, Chris	HYBRID	

DED 170 3D MODELING III

Teaches students advanced techniques in modeling using 3D Studio Max, such as NURBS, lighting and reflection effects, and particle systems. Students will apply these methods to create organic and hard-surface models Prerequisite(s): Successful completion of DED 106 and DED 158.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
90A2	4 Cr	1:00PM-6:00PM	Tu	09/24/19-12/10/19	11 107	Felch, Chris	ENHANCED	

DED 174 3D ANIMATION

Introduces the methods and techniques of animating virtual objects and environments using 3D Studio Max. Students will bring life to 3D Models with basic animation techniques using and combining modifiers to control the animation. They will explore the features, such as key frames, track view, function curves, animation constraints, and controllers. Prerequisite(s): Successful completion of DED 158.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
90B2	4 Cr	1:00PM-6:00PM	F	09/27/19-12/06/19	11 107	Geary, Shawn	HYBRID	

DED 183 INTERACTIVITY GUIDANCE

A class exploring the interaction between the technical skills of digital entertainment creators and their deliverable product. Students will work in their respective mediums to take control of communications between their medium and their audience to create new digital entertainment projects.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
90C2	3 Cr	10:30AM-1:00PM	F	09/27/19-12/06/19	11 107	Felch, Chris	HYBRID	

EARLY CARE AND EDUCATION

ECE 190 PRACTICUM 4: GREEN

Provides the student with the opportunity for practical field experience with a sustainable practices or 'green' specialization. Includes a seminar component.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41A2	3 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECE 194 PRACTICUM 4: THE EMOTIONALLY INTELLIGENT CHILD

Provides the student with the opportunity for practical field experience with an emotional intelligence specialization. Includes a seminar component.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41B2	3 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECE 198 PRACTICUM 4: WORKING WITH FAMILIES

Provides the student with the opportunity for practical field experience with a specialization in working with families. Includes a seminar component.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41C2	3 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECE 219 PRACTICUM 4: RESPONSIVE CAREGIVING FOR INFANTS

Explores responsive caregiving for infants and toddlers, including best practices, building trust, environments, creating lesson plans, theories of development, and collaborating with families.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41D2	3 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECE 230 INCLUSION IN ECE

Introduction to including children with special needs in the ECE field. Exploring our own cultural awareness supports our work with diverse populations and is paramount to planning for and interacting with young children and their families. In this course, you will explore the various aspects of bias to develop strategies and an anti-bias approach within the early childhood curriculum.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4162	3 Cr	6:00PM-9:15PM	W	09/25/19-11/27/19	10 205	Edmondson, Re		

ECE 245 DIVERSITY AWARENESS & CURRICULUM DEVELOPMENT

Exploring our own cultural awareness supports our work with diverse populations and is paramount to planning for and interacting with young children and their families. In this course, you will explore the various aspects of bias to develop strategies and an anti-bias approach within the Early Childhood Curriculum.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4172	3 Cr	6:00PM-9:00PM	Tu	10/01/19-12/03/19	10 205	Havens, Amber		

ECE 290 PORTFOLIO ADVENTURE

Provides the student with the opportunity to compile their Early Care and Education degree portfolio. The portfolio adventure is an opportunity for the student to establish self-marketing goals in the field and to produce an end-product that reflects the student's best practice, passion, and experience to date in the program and field. Students will receive instructor guidance and feedback and will participate in the ECE portfolio review process prior to graduation.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4182	2 Cr	6:15PM-7:15PM	M	09/30/19-12/12/19	10 205	Colombini, Li		

ECED& 100 BASIC CHILD CARE TRAINING (STARS)

Designed to meet licensing requirements for early learning teachers and family home child care providers, the STARS 30-hour basics course is recognized in the MERIT system. Topics include child growth/development, cultural competency, community resources, guidance, health/safety/nutrition, and professional practice.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
410Z	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Felch, Linda	ONLINE	
4102	3 Cr	9:30AM-12:30PM	Sa	09/28/19-12/07/19	10 111	Holland-Oher	HYBRID	
4112	3 Cr	ARRANGED	ARRANGED	09/30/19-12/09/19	ON LINE	Felch, Linda	ONLINE	

ECED& 105 INTRODUCTION TO EARLY CHILDHOOD EDUCATION

Explore the foundations of early childhood education. Examine theories defining the field, issues and trends, best practices, and program models. Observe children, professionals, and programs in action.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4122	5 Cr	6:15PM-10:15PM	M	09/30/19-12/09/19	10 111	Felch, Linda	HYBRID	

ECED& 107 HEALTH, NUTRITION AND SAFETY

Develop knowledge and skills to ensure good health, nutrition, and safety of children in group care and education programs. Recognize the signs of abuse and neglect, responsibilities for mandated reporting, and available community resources.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4142	5 Cr	6:00PM-10:10PM	W	09/25/19-12/11/19	10 111	Lockhart, Sal	HYBRID	

ECED& 120 PRACTICUM: NURTURING RELATIONSHIPS

Students will apply theories of best practices in an early learning setting. Focus will be on developing supportive relationships while keeping children health and safe.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41Q2	2 Cr	4:00PM-5:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECS 100A SPECIAL TOPICS - SUMMER**LAKEWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1301	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1302	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Chase-Deitri		
1303	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1304	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Chase-Deitri		
1305	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Colombini, Li		
1306	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1307	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Colombini, Li		
1309	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Felch, Linda		
1310	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Felch, Linda		
1311	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Felch, Linda		
1312	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1313	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Edmondson, Re		
1315	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1316	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Felch, Linda		
1317	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Chase-Deitri		
1319	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Felch, Linda		
1322	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Colombini, Li		
1323	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Edmondson, Re		
1328	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Colombini, Li		
1330	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1332	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Felch, Linda		FULL
1333	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1334	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Edmondson, Re		
1340	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1341	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Chase-Deitri		
1342	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1346	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1355	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Edmondson, Re		
1360	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Edmondson, Re		FULL
1362	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Holland-Oher		
1366	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Chase-Deitri		
1369	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Chase-Deitri		FULL
1375	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Felch, Linda		
1377	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Felch, Linda		
1382	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	OFFCAMP	Chase-Deitri		

1383	Var	ARRANGED	ARRANGED 09/23/19-12/11/19 OFFCAMP Colombini, Li	
1384	Var	ARRANGED	ARRANGED 09/23/19-12/11/19 OFFCAMP Edmondson, Re	
1388	Var	ARRANGED	ARRANGED 09/23/19-12/11/19 OFFCAMP Edmondson, Re	
1389	Var	ARRANGED	ARRANGED 09/23/19-12/11/19 OFFCAMP Edmondson, Re	
1390	Var	ARRANGED	ARRANGED 09/23/19-12/11/19 OFFCAMP Edmondson, Re	
1391	Var	ARRANGED	ARRANGED 09/23/19-12/11/19 OFFCAMP Holland-Oher	
1393	Var	ARRANGED	ARRANGED 09/23/19-12/11/19 OFFCAMP Edmondson, Re	
1394	Var	ARRANGED	ARRANGED 09/23/19-12/11/19 OFFCAMP Edmondson, Re	FULL
1398	Var	ARRANGED	ARRANGED 09/23/19-12/11/19 OFFCAMP Felch, Linda	

ECS 110 COMPUTER ESSENTIALS FOR THE ECE PROFESSIONAL

Covers the essential computer tools and techniques necessary for the ECE professional. Designing forms, parent newsletters, flyers, brochures and other materials needed for the smooth running of the child care center. Text required.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4132	4 Cr	6:00PM-10:00PM	Th	09/26/19-12/05/19	11 107	Felch, Chris		FULL

ECS 182 ECE PRACTICUM II

Provides the student with practical field experience. Students will work at community Child Care Centers or the campus Child Development Center allowing them to apply classroom study to the on-the-job situations. Includes a scheduled seminar. Text required.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4152	5 Cr	4:00PM-5:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECS 202 PRESCHOOL ACTIVITIES

Covers developmentally appropriate activities for preschoolers. This is a hands-on class that will provide a chance for making and sharing samples.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41R2	2 Cr	6:00PM-9:00PM	Tu	10/01/19-11/19/19	10 111	Staff		

ECS 217 PRACTICUM IV INFANTS AND TODDLERS

Provides the student with the opportunity for practical field experience with specialization in infants and toddlers.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41F2	3 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECS 230 PRACTICUM IV SCHOOL AGE

Provides the student with the opportunity for practical field experience with school age specialization.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41G2	3 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECS 235 ISSUES AND TRENDS

Research that covers some of the current issues and trends in the ECE field.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4192	2 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECS 266 LEADERSHIP IN EARLY CHILDHOOD EDUCATION

Designed for leaders in the early childhood field. Essential skills for effective leadership will be covered: creating a shared vision, team building, managing change, personal development, communication, conflict management, staff

development, and empowerment strategies.

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41S2	4 Cr	5:30PM-9:30PM	Th	09/26/19-12/05/19	10 111	Chase-Deitri		

ECS 287 PRACTICUM IV - CHILD DEVELOPMENT

Provides the opportunity for a practical field experience with a Child Development specialization. Includes a seminar component. Text required.

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41K2	3 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECS 288 PRACTICUM IV - FAMILY CHILDCARE PROFESSIONAL

Provides the opportunity for a practical field experience with a Family Childcare specialization. Includes a seminar component. Text required.

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41L2	3 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ECS 297 ECE PRACTICUM IV: SPECIAL NEEDS

Provides the opportunity for a practical field experience with special needs specialization. Includes a seminar component.

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41M2	3 Cr	5:00PM-6:00PM	M	09/30/19-12/09/19	10 111	Colombini, Li		

ELECTRICIAN LOW VOLTAGE FIRE/SECURITY

EFS 105 AC/DC: BASIC THEORY, FRACTIONS & OHMS LAW

Introduces basic theory of electricity, electrical measurements of circuits, fractions, Ohm's law, decimals, and decimal fractions. Covers formulas in electrical work, positive and negative numbers, exponents, powers of 10, and solving Ohm's law.

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5802	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 106 AC/DC ELECTRICITY: SERIES, PARALLEL & COMB CIRCU

Introduces students to voltage, current, resistance, total values, and control of current in a series circuit. Introduction to parallel circuits, current and resistance, and voltage in a parallel circuit. Prerequisite(s): EFS 105, or instructor's permission.

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5812	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 107 AC/DC: ELECTRICITY: ELECTRICAL POWER & POWER APP

Introduces electric power in electric circuits, solving the power formula for current and voltage. Algebra for complex electric circuits. Resistance of wire of different sizes and length, sizing wire for a given load. Instantaneous values, maximum values and phase angles of an AC sine wave. Prerequisite(s): Successful completion of EFS 106, or instructor's permission.

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5822	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 108 NATIONAL ELECTRICAL CODE PRINT READING

Introduces students to practical print reading as it applies to the National Electrical Code. Prerequisite(s): Successful completion of EFS 105, EFS 106, and EFS 107, or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5832	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 109 NATIONAL ALARM INSTALLER TRAINING PROGRAM

Introduces students to basic alarm systems through comprehensive lessons, videos, and lesson tests. With final test, the student will have a thorough exposure to alarm systems. Prerequisite(s): Successful completion of EFS 105, EFS 106, and EFS 107, or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5842	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 110 CCTV APPLICATION & DESIGN

Introduces students to basics of CCTV systems design and applications. Prerequisite(s): Successful completion of EFS 105, EFS 106, and EFS 107, or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5852	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 118 NATIONAL ELECTRICAL CODES

Introduces National Electrical Codes. Through individual tests, students will be able to research applicable electrical codes. Prerequisite(s): Successful completion of EFS 108, EFS 109, and EFS 110, or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5862	6 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 119 NATIONAL FIRE CODES

Introduces the National Fire Codes. Through individual tests, students will be able to research applicable fire codes. Prerequisite(s): Successful completion of EFS 108, EFS 109, and EFS 110, or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5872	6 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 121 CCTV FIELD SERVICE & INSTALLATION

Introduces basic systems service and installation of CCTV systems. Through individual lessons, students will be exposed to the basics of CCTV field service and installation. Prerequisite(s): Successful completion of EFS 108, EFS 109, and EFS 110, or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5882	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 124 WASHINGTON ADMINISTRATIVE CODES

Introduces students to the Washington Administrative Codes pertaining to industrial safety and to electrical installations in the state of Washington. Prerequisite(s): Successful completion of EFS 108, EFS 109, and EFS 110, or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5892	2 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 207 ADDRESSABLE FIRE SLC SYSTEMS/DESIGN

Introduces Addressable and Intelligent Fire Alarm Systems using Signaling Line Circuits (SLC). Includes comprehensive lessons, lecture, and hands-on practical application and design. Prerequisite(s): Successful completion of the 78-credit hour Electrician Low Voltage Fire/Security Certificate, or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58A2	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 211 BIOMETRICS ACCESS

Introduces Biometrics Access Control. Various Biometrics Systems are explored, as well as Computer Programmed Access-Control Systems. Includes comprehensive lessons and lecture, as well as hands-on practical application, installation, and design. Prerequisite(s): Successful completion of EFS 207 or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58B2	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 216 ADVANCED VOICE EVACUATION FIRES SYSTEMS

Introduces Advanced Voice Evacuation Fire Alarm Systems as used in high-rise applications. Includes comprehensive lessons, lecture, and hands-on practical application, installation, and design. Prerequisite(s): Successful completion of EFS 211 or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58C2	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 221 FIRE CODES, NICET, NFPA

Introduces Fire Codes, AHJ (Authority Having Jurisdiction), NICET (National Institute for Certification of Engineering Technologies), and NFPA (National Fire Protection Association). Includes comprehensive lessons, lecture, and hands-on practical application, installation, and design. Prerequisite(s): Successful completion of EFS 216 or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58D2	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 226 HIGH SECURITY STRUCTURED CABLING

Introduces High Security Structured Cabling in residential and commercial applications. Explores cabling as a total package. Includes most applications of security and low voltage needs. Includes comprehensive lessons, lecture, and hands-on practical application, installation, and design. Prerequisite(s): Successful completion of EFS 221 or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58F2	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

EFS 231 CCTV DIGITAL NETWORK SOLUTIONS

Introduces Closed Circuit Television (CCTV) Digital Network Solutions. Explores applications that require the camera to be recorded and viewed digitally or remotely via various networks. Includes comprehensive lessons, lecture, and hands-on practical application, installation, and design. Prerequisite(s): Successful completion of EFS 226, or instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58G2	7 Cr	7:30AM-3:00PM	DAILY	09/23/19-12/11/19	14 213	Irish, Tracy		

ENGLISH

ENG 091 BASIC READING AND WRITING

Introduces and develops basic reading and writing skills. Focus is on writing proper sentences and sound paragraphs that express a main idea clearly and fully with a minimum of errors in sentence structure, punctuation, and spelling. Coursework emphasizes writing from observation, as well as writing in response to reading. Helps refine reading comprehension and increase vocabulary for college-level reading requirements. Prerequisite(s): Appropriate Accuplacer reading/writing combined score of 228 or equivalent.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5W01	5 Cr	8:00AM-8:50AM	MTuW	09/23/19-12/11/19	16 116	Mollas, Tula	HYBRID	FULL

ENG 094 ADVANCED READING AND WRITING

Enhances writing ability with emphasis on organization, unity, coherence, and adequate development of short essays. Introduction to various types of paragraphs and essays and review of the rules and conventions of standard written English. Both paper and electronic communication tools will be used. Prerequisite: Appropriate COMPASS/ SLEP placement score or successful completion of ENG 082. of 245 or equivalent or successful completion of ENG 091.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5B82	5 Cr	1:45PM-2:47PM	MTuWTh	09/23/19-12/11/19	14 100	Quincy, Denis		
5W04	5 Cr	1:00PM-1:50PM	MTuW	09/23/19-12/11/19	16 116	Mollas, Tula	HYBRID	
5W05	5 Cr	11:00AM-11:50AM	DAILY	09/23/19-12/11/19	17 240	Faherty, Dion	HYBRID	
5W06	5 Cr	2:00PM-2:50PM	DAILY	09/23/19-12/11/19	14 212	Copeland, Kri	HYBRID	
5W07	5 Cr	2:00PM-2:50PM	DAILY	09/23/19-12/11/19	14 212	Copeland, Kri	HYBRID	
5W08	5 Cr	11:00AM-11:50AM	DAILY	09/23/19-12/11/19	17 240	Faherty, Dion	HYBRID	
5W02	5 Cr	8:00AM-8:50AM	MW	09/24/19-12/10/19	17 240	Wegley, Mark	HYBRID	
5W03	5 Cr	12:00PM-1:50PM	TuTh	09/24/19-12/10/19	16 203	Heath, Terry	HYBRID	

ENG 310 BUSINESS COMMUNICATIONS**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA22	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 122	Swetnam, Erwi	HYBRID	

ENGL& 101 ENGLISH COMPOSITION I

Utilize the writing process to write clearly with consideration of audience, purpose, and tone, using standard grammar and punctuation conventions along with common discourse modes and patterns of organization. Read and process sources using independent and critical thinking skills, following established conventions for incorporating and documenting sources in writing. Prerequisite(s): Accuplacer reading/writing combined score 277 or equivalent or successful completion of ENG 094.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0523	5 Cr	3:00PM-3:50PM	MTuWTh	09/23/19-12/11/19	14 100	Quincy, Denis	HYBRID	
0524	5 Cr	12:00PM-12:50PM	DAILY	09/23/19-12/11/19	14 212	Copeland, Kri	HYBRID	
0525	5 Cr	12:00PM-12:50PM	DAILY	09/23/19-12/11/19	14 212	Copeland, Kri	HYBRID	FULL
0526	5 Cr	1:00PM-1:50PM	DAILY	09/23/19-12/11/19	14 212	Copeland, Kri	HYBRID	
0527	5 Cr	1:00PM-1:50PM	DAILY	09/23/19-12/11/19	14 212	Copeland, Kri	HYBRID	
0528	5 Cr	6:30PM-8:50PM	MW	09/23/19-12/11/19	10 216	Wegley, Mark	HYBRID	
0530	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Faherty, Dion	ONLINE	FULL
0531	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Wegley, Mark	ONLINE	FULL
0535	5 Cr	ARRANGED	ARRANGED	09/23/19-12/10/19	ON LINE	Wegley, Mark	ONLINE	
0536	5 Cr	9:00AM-9:50AM	DAILY	09/23/19-12/11/19	17 240	Faherty, Dion	HYBRID	
0537	5 Cr	9:00AM-9:50AM	DAILY	09/23/19-12/11/19	17 240	Faherty, Dion	HYBRID	FULL
0538	5 Cr	10:00AM-10:50AM	DAILY	09/23/19-12/11/19	17 240	Faherty, Dion	HYBRID	FULL
0539	5 Cr	10:00AM-10:50AM	DAILY	09/23/19-12/11/19	17 240	Faherty, Dion	HYBRID	
5B02	5 Cr	10:00AM-11:02AM	MTuWTh	09/23/19-12/11/19	14 100	Quincy, Denis		
5B97	5 Cr	11:15AM-12:17PM	MTuWTh	09/23/19-12/11/19	14 100	Quincy, Denis		FULL

0522	5 Cr	7:30AM-9:50AM	TuTh	09/24/19-12/10/19	16 205	Wegley, Mark	HYBRID
0533	5 Cr	7:30AM-9:30AM	TuTh	09/24/19-12/10/19	10 216	Heath, Terry	HYBRID
0529	5 Cr	8:00AM-12:30PM	Sa	09/28/19-12/07/19	15 112	Hoffman-Reye	HYBRID

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0532	5 Cr	9:45AM-11:45AM	MW	09/23/19-12/11/19	SHC107	Heath, Terry	HYBRID	
0534	5 Cr	1:00PM-2:45PM	F	09/27/19-12/06/19	SHC114	Hoffman-Reye	HYBRID	

ENVIRONMENTAL SCIENCE

ENV 154 SITE CHARACTERIZATION

Focuses on providing students with a wide variety of mapping skills necessary for many phases of environment-related investigations. Also will provide hands-on application of established methods for evaluation of water, soil, and air. Biological, chemical, and physical investigations in accordance with generally accepted methodologies will be studied and conducted. This will be accomplished using hands-on training, with a wide variety of map resources and texts.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4502	4 Cr	12:00PM-1:50PM	MTuW	09/23/19-12/11/19	16 102	Smith Kathy	ENHANCED	

ENV 157 ENVIRONMENTAL SITE ASSESSMENT

Includes studying potential liability associated with property transfers. Students learn and implement historical research, site investigation, liability assessment, and regulatory assessment.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4512	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Smith Kathy	ONLINE	

ENV 161 ENVIRONMENTAL LAW I

Provides an overview of the American legal system and how the branches of government work together to create and enforce laws. Focuses on environmental legislation and case law.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4522	5 Cr	9:00AM-11:20AM	MW	09/23/19-12/11/19	16 102	Smith Kathy	ENHANCED	

ENV 230 RURAL TECHNOLOGIES

Explores potential job areas in which students might seek employment. The rural aspect examines agriculture, forestry, fish, and wildlife. Prerequisite(s): Successful completion of GEOL& 110 and all ENV 100-level courses, except ENV 134.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4532	4 Cr	9:00AM-2:00PM	Th	09/26/19-12/05/19	16 104	Faust, Derek	ENHANCED	

ENV 240 INTERNSHIP

All students finishing the program are required to complete an internship. This is a temporary full-time position in the public or private sector where students gain confidence and experience in a chosen area of employment. Students experience on-the-job opportunities and make a skilled contribution to the internship provider. Opportunities to find internships are provided, but the student is in charge of finding his or her own internship. Prerequisite(s): Successful completion of at least 25 credits of ENV 200 level courses or instructor permission. Enrollment in ENV 246, Environmental Science Capstone required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4542	10 Cr	ARRANGED	ARRANGED	09/25/19-12/11/19	ARR	Smith Kathy		

ENV 246 ENVIRONMENTAL SCIENCE CAPSTONE

Accompanies ENV 240 Internship. The Capstone Project integrates the CPTC core abilities with the internship and identification of how core abilities apply in the workforce. Prerequisite(s): Successful completion of at least 25 credits of ENV 200 level courses or instructor permission. Enrollment in ENV 240, Internship required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4552	2 Cr	ARRANGED	ARRANGED	09/25/19-12/11/19	ON LINE	Smith Kathy	ONLINE	

ENV 248 HYDROLOGY

Provides the basic principles of applied surface-water hydrology, ground-water hydrology, and water quality. Emphasis is placed on a watershed-based approach that uses water-quality standards to regulate surface-water quality. The concepts and principles of biologically-based water quality standards are also introduced. Covers the occurrence, movement, and quality of water beneath the earth's surface; aquifers; well-testing methods; and sampling techniques. Prerequisite(s): Successful completion of GEOL& 110 and all ENV 100-level courses, except ENV 134.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4562	6 Cr	10:00AM-11:30AM	WF	09/25/19-12/11/19	16 104	Faust, Derek	HYBRID	

ENV 250 INTRODUCTION TO AIR POLLUTION & NOISE

Provides a basic knowledge of the sources, mechanisms, and health effects of noise and atmospheric air pollution and their interaction with the weather and other climatological conditions. Methods of regulatory-required air monitoring, sampling, and data interpretation will also be introduced. Prerequisite(s): Successful completion of GEOL& 110 and all ENV 100-level courses, except ENV 134.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4572	3 Cr	9:00AM-9:50AM	WF	09/25/19-12/11/19	16 104	Faust, Derek	HYBRID	

ENV 261 WATERSHED ANALYSIS

Focuses on issues associated with timber, fish, and wildlife watershed analysis. Study various modules and make an in-depth presentation to the class using visual aids. Monitoring and analytical skills will be covered and demonstrated through the collection of field data in remote areas. Willingness to be outdoors in rough terrain is a consideration. Prerequisite(s): Successful completion of all ENV 100-level courses, except ENV 134 and GEOL& 110.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4582	4 Cr	9:00AM-2:00PM	Tu	09/24/19-12/10/19	16 104	Faust, Derek	ENHANCED	

ESTHETIC SCIENCES

ES 105 A & P FOR ESTHETICIANS

A comprehensive survey of the body systems and how they work as they relate to the practice of esthetics. Class projects include eukaryotic cell, cranial puzzle, muscles of the head and neck, and muscle flash cards.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6202	2 Cr	8:30AM-9:30AM	DAILY	09/23/19-12/11/19	02 123	Shields, Maur		

ES 110 HISTOLOGY & PHYSIOLOGY OF THE SKIN

A comprehensive examination of the epidermis, dermis, and hypodermis, including specialty cells and dermal adnexa. Examination of the physiology of the epidermal basement membrane, accessory organs of skin, and epidermal differentiation as they relate to the practice of esthetics.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6212	3 Cr	9:30AM-10:30AM	DAILY	09/23/19-12/11/19	02 123	Shields, Maur		

ES 113 INTRODUCTION TO COSMETIC CHEMISTRY

Fundamentals of chemistry, including differences between organic and inorganic matter, simple chemical reactions, pH for estheticians, and composition of, as well as indications for, commonly used products for esthetic salon services.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6222	3 Cr	10:30AM-11:30AM	DAILY	09/23/19-12/11/19	02 123	Shields, Maur		

ES 114 FACIAL PROCEDURES

Introduction to facial procedures, including client intake and assessment, skin analysis, clinical indications and contraindications. European facial instruction, product selections, and recommendations. Prerequisite(s): Successful completion of ES 105, ES 110, ES 113, ES 116, ES 120, and ES 123. Co-requisites: ES 118, ES 130, ES 132, ES 134, and ES 137.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6262	5 Cr	8:00AM-2:30PM	DAILY	09/23/19-10/11/19	08 319	Whipple, Jenn	HYBRID	

ES 116 CHARTING AND MEDICAL TERMINOLOGY FOR ESTHETICIAN

Survey of common medical charting notations and terminology employed in medical practice, particularly as they relate to spa, salon, and medical office environments.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6232	4 Cr	1:00PM-2:00PM	DAILY	09/23/19-12/11/19	02 123	Shields, Maur		

ES 118 TEMPORARY HAIR REMOVAL

Survey of temporary hair removal to include: indication, contraindications, methods of epilation using multiple modalities including but not limited to hard wax, soft wax, and sugaring, lash and brow tinting as well as all safety and sanitation employed in the esthetics profession. Prerequisites(s): Successful completion of ES 105, 110, 113, 116, 120, and ES 123. Co-requisites: ES 114, 130, 132, 134 and ES 137.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6272	4 Cr	8:00AM-2:30PM	DAILY	10/12/19-10/28/19	08 319	Whipple, Jenn	HYBRID	

ES 120 SKIN DISEASES AND DISORDERS

Identify normal skin and anomalies of skin, including primary, secondary, and vascular lesions, as well as irregularities of skin pigmentation. Identification of skin diseases and differentiating from common noncontagious lesions is included.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6242	5 Cr	11:30AM-12:30PM	DAILY	09/23/19-12/11/19	02 123	Shields, Maur		FULL

ES 123 BACTERIOLOGY, SAFETY, AND SANITATION

Overview of pathological and non-pathological microorganisms including bacteria, viruses, endoparasites and ectoparasites, disease vectors, and transmission. Covers levels of decontaminations pertaining to salons, spas, and medical offices.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6252	4 Cr	7:30AM-8:30AM	DAILY	09/23/19-12/11/19	02 123	Shields, Maur		

ES 130 MAKEUP APPLICATION

Exploration of color theory, basic makeup application techniques and general product knowledge. Prerequisite(s): Successful completion of ES 105, ES 110, ES 113, ES 116, ES 120, and ES 123. Co-requisites: ES 114, ES 118, ES 132, ES 134, ES 137.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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6282 2 Cr 8:00AM-2:30PM DAILY 10/29/19-11/13/19 08 319 Whipple, Jenn HYBRID

ES 132 SKIN CARE AND BODY TREATMENTS

Body treatments to include: Foot soaks, mud wraps, body scrubs, wet and dry room techniques, back treatments.

Prerequisite(s): Successful completion of ES 105, ES 110, ES 113, ES 116, ES 120, and ES 123. Co-requisites: ES 114, ES 118, ES 130, ES 134, and ES 137.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6292	4 Cr	8:00AM-2:30PM	DAILY	11/14/19-12/02/19	08 319	Whipple, Jenn	HYBRID	

ES 134 MACHINE FACIALS

Includes indications, contraindications and safety for electrical modalities, including galvanic, high frequency and other electrical equipment such as magnifying lamps, steamers and hot towel warmers. Prerequisite(s): Successful completion of ES 105, ES 110, ES 113, ES 116, ES 120, and ES 123. Co-requisites: ES 114, ES 118, ES 130, ES 132, and ES 137.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62A2	4 Cr	8:00AM-2:30PM	DAILY	12/03/19-12/09/19	08 319	Whipple, Jenn	HYBRID	

ES 136 MICRODERMABRASION AND SUPERFICIAL PEELS

Covers clinical exfoliation and desquamation techniques employing chemical and mechanical methods. Prerequisite(s): Successful completion of ES 114, ES 118, ES 130, ES 132, ES 134, and ES 137. Co-requisites: ES 140, ES 145, ES 154, and ES 159.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62C2	4 Cr	9:00AM-3:30PM	DAILY	09/23/19-10/07/19	08 325	Sorensen, Kar	HYBRID	

ES 137 SPA CLINIC OPERATIONS

Intro to Realistic training incorporating, dispensary, laundry, spa and clinical operations, and management positions.

Prerequisite(s): Successful completion of ES 105, ES 110, ES 113, ES 116, ES 120, and ES 123. Co-requisites: ES 114, ES 118, ES 130, ES 132, and ES 134.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62B2	1 Cr	8:00AM-2:30PM	DAILY	12/10/19-12/11/19	08 319	Whipple, Jenn	HYBRID	

ES 140 CLINICAL APPLICATIONS I

Realistic training in our student-run clinic, incorporating every aspect of an exemplary esthetics practice. Prerequisite(s): Successful completion of ES 125, ES 128, ES 130, ES 132, ES 134, and ES 137. Co-requisites: ES 136, ES 145, ES 154, and ES 159.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62D2	7 Cr	11:30AM-3:30PM	MTuWTh	10/09/19-12/06/19	08 325	Sorensen, Kar	HYBRID	

ES 141 CLINICAL APPLICATIONS II

Realistic training in our student-run clinic, incorporating every aspect of an exemplar esthetics practice and advanced modalities. Prerequisite(s): Successful completion of ES 136, ES 140, ES 145, ES 154, and ES 159. Co-requisites: ES 149, ES 150, ES 153, ES 157, and ES 158.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62J2	5 Cr	11:30AM-3:30PM	TuWThF	10/08/19-12/06/19	08 327	Siedlicki, M	HYBRID	

ES 145 CORRECTIVE CONCEALING MAKEUP

Theory and application of corrective and concealing techniques for makeup applications. Prerequisite(s): Successful completion of ES 114, ES 118, ES 130, ES 132, ES 134, and ES 137. Co-requisites: ES 136, ES 140, ES 154 and ES 159.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62F2	3 Cr	9:00AM-3:30PM	DAILY	10/11/19-10/18/19	08 323	Sorensen, Kar	HYBRID	

ES 149 LASER THEORY AND APPLICATIONS

Didactic and hands-on applications of multiple laser modalities. Course will include all related safety and first aid components. Prerequisite(s): Successful completion of ES 136, ES 140, ES 141, ES 145, ES 154, and ES 159. Co-requisites: ES 141, ES 150, ES 153, ES 157, and ES 158.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62K2	5 Cr	9:00AM-11:15AM	DAILY	10/02/19-11/05/19	08 327	Siedlicki, M	HYBRID	

ES 150 MEDIUM DEPTH PEELS

Didactic and hands-on applications of clinical-based medium -depth peels. Course includes all related safety and first aid measures. Prerequisite(s): Successful completion of ES 136, ES 140, ES 145, ES 154, and ES 159. Co-requisites: ES 141, ES 149, ES 153, ES 157, and ES 158.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62L2	2 Cr	9:00AM-3:30PM	DAILY	09/23/19-10/01/19	08 327	Siedlicki, M	HYBRID	

ES 153 ADVANCED COSMETIC CHEMISTRY

In-depth study of cosmetic chemicals and product knowledge. Students will write research papers on chemical products, ingredients, and contraindications that may occur during an esthetic treatment. Prerequisite(s): Successful completion of ES 136, ES 140, ES 145, ES 154, and ES 159. Co-requisites: ES 141, ES 149, ES 150, ES 157, and ES 158.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62M2	3 Cr	9:00AM-11:15AM	DAILY	11/06/19-12/06/19	08 327	Siedlicki, M	HYBRID	

ES 154 ADVANCED SKIN CARE AND MASSAGE TECHNIQUES

This course includes advanced modalities of skin care, including MLD and other industry related techniques. Prerequisite(s): Successful completion of ES 114, ES 118, ES 130, ES 132, ES 134, and ES 137. Co-requisites: ES 136, ES 140, ES 145, and ES 159.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62G2	5 Cr	9:00AM-3:30PM	DAILY	10/21/19-12/09/19	08 325	Sorensen, Kar	HYBRID	

ES 157 BUSINESS PLANNING

Independent research and preparation of a business plan and portfolio as capstone project. Prerequisite(s): Successful completion of ES 136, ES 140, ES 145, ES 154, and ES 159. Co-requisites: ES 141, ES 149, ES 150, ES 153, and ES 158.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62N2	2 Cr	9:00AM-3:30PM	DAILY	11/19/19-12/03/19	08 327	Siedlicki, M	HYBRID	

ES 158 STATE BOARD PREPARATION

This course includes kit preparation and simulation of state board examinations. Prerequisite(s): Successful completion of ES 136, ES 140, ES 145, ES 154, and ES 159. Co-requisites: ES 141, ES 149, ES 150, ES 153, and ES 157.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62P2	2 Cr	9:00AM-3:30PM	DAILY	12/04/19-12/11/19	08 327	Siedlicki, M	HYBRID	

ES 159 INTRO TO BUSINESS PLANNING & PROFESSIONAL DEVELO

This course introduces students to outlining business plans by obtaining demographics, researching profit and loss statements, and outlining startup costs. Prerequisite(s): Successful completion of ES 114, ES 118, ES 130, ES 132, ES

134, and ES 137. Co-requisites: ES 136, ES 140, ES 145, and ES 154.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62H2	1 Cr	9:00AM-3:30PM	DAILY	12/10/19-12/11/19	08 325	Sorensen, Kar	HYBRID	

FUNDAMENTAL SKILLS FOR MANUFACTURING AND ENGINEERING CLASSES

FSME 101 WORKSHOP SAFETY

Covers occupational safety and health for workers in manufacturing and engineering workshop environments. Prerequisite(s): Instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ02	3 Cr	7:30AM-3:00PM	MTuWTh	09/23/19-12/11/19	24 114	Chesnes, Thom	HYBRID	

FSME 111 QUALITY PRINCIPLES, INSPECTION & TEST

Provides students with a foundational set of measurement, data analysis, and documentation skills. Teaches students how to interpret manufacturing drawings and schematics, how to take measurements and analyze data, and introduces quality principles and terminology used in industry. Prerequisite(s): Instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ12	5 Cr	7:30AM-3:00PM	MTuWTh	09/23/19-12/11/19	24 114	Chesnes, Thom	HYBRID	

FSME 112 FABRICATION FUNDAMENTALS I

Teaches students the basic workshop skills needed to fabricate parts and structures. Also introduces students to the properties of common materials used in manufacturing and engineering. Prerequisite(s): Instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ22	5 Cr	7:30AM-3:00PM	MTuWTh	09/23/19-12/11/19	24 114	Chesnes, Thom	HYBRID	

FSME 113 FABRICATION FUNDAMENTALS II

Introduces students to more advanced manufacturing and engineering fabrication techniques, including welding, the use of machine tools, composites, and electrical wiring. Prerequisite(s): Instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ32	5 Cr	7:30AM-3:00PM	MTuWTh	09/23/19-12/11/19	24 114	Chesnes, Thom	HYBRID	

GEOGRAPHY

GEO 215 GPS TECHNOLOGIES

Uses global positioning system equipment to create maps and files for use in ArcGIS (geographic information system). Focuses on Trimble GPS technologies. Covers analysis tools and layout features for map creation.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4592	2 Cr	12:00PM-3:00PM	W	09/25/19-12/11/19	16 104	Faust, Derek	ENHANCED	

GEOLOGY

GEOL& 110 ENVIRONMENTAL GEOLOGY WITH LAB

Focuses on the geological impacts associated with human activities. Emphasis includes internal and surface processes and the basic formation of the earth. Also covers conflicts associated with resource development and human responses to natural hazards. LAB meets Thursdays from 11 a.m. to 12:50 p.m.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
45A2	5 Cr	9:00AM-10:50AM	TuTh	09/24/19-12/10/19	16 102	Smith Kathy	ENHANCED	

GRAPHIC TECHNOLOGIES

GTC 110 ART, DESIGN, AND VISUAL THINKING

Introduction to visual arts and design principles. Stresses the components of visual thinking and visual language underlying design for digital media. A series of real-life case studies and exercises applies the design process and use of basic elements of design, typography, images, color, and layout.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8502	5 Cr	9:00AM-5:00PM	Th	09/26/19-12/05/19	11 158	Owens, Darryl	ENHANCED	

GTC 123 MACINTOSH OPERATION AND IMAGE ACQUISITION

Introduction to Macintosh computer operations and file management. Covers image acquisition and archiving from Internet and analog sources.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8512	5 Cr	9:00AM-5:00PM	M	09/23/19-12/09/19	11 154	Moyer, John	ENHANCED	

GTC 130 DIGITAL IMAGING I

Introduces the fundamentals of Photoshop to include basic tools; image editing; painting; and the creation, use, and management of layers and channels.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8522	5 Cr	9:00AM-5:00PM	W	09/25/19-12/11/19	11 154	Moyer, John	ENHANCED	

GTC 143 ELECTRONIC PUBLISHING AND LAYOUT

Apply typographic terms, vocabulary, and concepts; examine type identification and explore the relationships or essence of typographic design. Apply and solve mathematical problems common to typography. Apply basic page layout and create files. Explore proofreading and correcting copy changes.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8532	5 Cr	9:00AM-5:00PM	Tu	09/24/19-12/10/19	11 158	Owens, Darryl	ENHANCED	

GTC 209 ADVANCED VECTOR DIGITAL ILLUSTRATION

Perform advanced techniques using Adobe Illustrator, create documents using Color Swatches and color separations for a variety of projects. Explore the abilities of different tools/Panels, Effects and filters. Integrate Adobe Acrobat Pro as soft proofing software from within Illustrator and prepare files for electronic output ready for a service provider.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8542	5 Cr	9:00AM-5:00PM	M	09/23/19-12/09/19	11 158	Owens, Darryl	ENHANCED	

GTC 210 DIGITAL IMAGING III

From combining multiple images into a single design, to manipulating existing photos, to creating entirely new digital artwork from scratch. Adobe Photoshop is one of the most universal and powerful tools in the professional graphic design arsenal. The projects in this course were designed to reflect a variety of assignments that you might encounter in your graphic design career. Prerequisite(s): Successful completion of GTC 149, or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8552	5 Cr	9:00AM-5:00PM	Tu	09/24/19-12/10/19	11 154	Moyer, John	ENHANCED	

GTC 223 PREPRESS II

Advanced prepress production topics are covered through lecture, research and practice. Topics include: fonts, postscript, Acrobat, file management, and raster image processing. Students will produce printing plates with halftones through the use of the Adobe suite and raster image processing. Prerequisite(s): Successful completion of GTC 164 or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8562	5 Cr	9:00AM-5:00PM	Th	09/26/19-12/05/19	11 154	Moyer, John	ENHANCED	

GTC 260 WEB ANIMATION DESIGN

Offers experience using industry-standard tools for basic web animation. Students will develop familiarity with a timeline, layers, symbols, vector tools, and introductory animation techniques. Prerequisite(s): Successful completion of GTC 276 or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
85A2	5 Cr	9:00AM-5:00PM	F	09/27/19-12/06/19	11 106	Webster, Mark	ENHANCED	

GTC 265 WEB PROGRAMMING BASICS

Apply basic programming and graphical user-interface techniques for developing effective and useful websites. Become familiar with current HTML code syntax and CSS code for styling. Through progressive enhancement of skills, students will build multi-page websites, culminating in a personal portfolio website. Prerequisite(s): Successful completion of GTC 276 or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
85B2	5 Cr	9:00AM-5:00PM	W	09/25/19-12/11/19	11 106	Webster, Mark	ENHANCED	

GTC 273 WEB GRAPHIC DESIGN AND USER EXPERIENCE

Learn techniques and best practices for designing graphics to be used on the web. Build website layout mock-ups, style guides, and user interface elements using Adobe Photoshop and Illustrator. Using modern design principles, create layouts that are both appealing and easy to use. Prerequisite(s): Successful completion of GTC 276 or instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
85C2	5 Cr	9:00AM-5:00PM	Th	09/26/19-12/05/19	11 106	Webster, Mark	ENHANCED	

GTC 276 INDESIGN II

Students will perform advanced techniques with InDesign, create documents, use color separations for a variety of projects, and prepare files for electronic output. Prerequisite(s): Successful completion of GTC 174 or instructor approval

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8572	5 Cr	9:00AM-5:00PM	W	09/25/19-12/11/19	11 158	Owens, Darryl	ENHANCED	

GTC 278 INDEPENDENT STUDY

This course explores student competency in the student's specialty skills area of the Graphic Technologies program. Students will produce a capstone project showing work accomplished and skills summarized. Prerequisite(s): Successful

completion of GTC 254 Capstone class or instructor approval.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8582	4 Cr	4:00PM-5:00PM	Th	09/26/19-12/05/19	11 154	Moyer, John	ENHANCED	

GTC 280 INTERNSHIP

Provides on-the-job field experience relevant to visual communications. Apply classroom skills to work-related supervised learning experience. Internships may be paid or non-paid assignments and occur at on- or off-campus locations. Prerequisite(s): Successful completion of GTC 254 Capstone class or instructor approval.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8592	4 Cr	ARRANGED	ARRANGED	09/23/19-12/05/19	11 158	Owens, Darryl	ENHANCED	

HEALTH UNIT COORDINATOR

HUC 106 ANATOMY & PHYSIOLOGY FOR HLTH UNIT COORDINATOR

Introduces basic word elements used in building medical terminology and identifies the different types of word elements present in each medical term by name. Introduces medical terms, body structure, and pathology in relation to each body system: integumentary, musculoskeletal, sensory, circulatory, nervous, endocrine, and digestive systems. Co-requisites: Enrollment in HUC 108, HUC 114, and HUC 120.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8112	3 Cr	8:00AM-2:45PM	TuWTh	09/23/19-12/11/19	21 105	Perez, Joylen	HYBRID	

HUC 108 ORIENTATION TO HUC

This course will focus on orientation and introduction to campus policies and rules of conduct. This course will also introduce students to program policies, dress code, attendance, classroom, and workplace rules of conduct, program goals, and grading system. This course also focuses on the use of various communication devices and introduces the EMR/HER and related Windows programs used in the hospital. Co-requisites: Enrollment in HUC 106, HUC 114, and HUC 120.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8102	6 Cr	8:00AM-2:45PM	DAILY	09/23/19-12/11/19	21 105	Perez, Joylen	ENHANCED	

HUC 112 UNIT COORDINATOR TASKS & PROCEDURES II

Focuses on cognitive knowledge and performance skills in the computer laboratory. Students will demonstrate performance skills for maintaining medical records, accurately transcribing physicians' orders to the appropriate chart forms and Kardex, as well as completion of pseudo patient charts. Prerequisite(s): Successful completion of HUC 106, HUC 108, HUC 114, and HUC 120. Co-requisites: Enrollment in HUC 113, HUC 118, HUC 122, HUC 126, and HUC 132.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8152	4 Cr	3:00PM-10:00PM	MThF	09/23/19-12/11/19	21 105	Elizondo, Ver	HYBRID	

HUC 113 INTRODUCTION TO COMMUNICATION IN THE HUC ROLE

Students will learn to describe and use good listening skills as a means of preventing and/or solving conflicts with a variety of people in different situations. This course also focuses on developing skills for the role of the communicator for the nursing unit. Students will also be given the tools for developing and practicing assertive communication, interpersonal relationships, and confidentiality skills. Prerequisite(s): Successful completion of HUC 106, HUC 108, HUC 114, and HUC 120. Co-requisites: Enrollment in HUC 112, HUC 118, HUC 122, HUC 126, and HUC 132.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8162	1 Cr	3:00PM-10:00PM	DAILY	09/23/19-12/11/19	21 105	Elizondo, Ver	HYBRID	

HUC 114 UNIT COORDINATOR TASKS & PROCEDURES I

Enables identification of the forms commonly used in the patient's chart. Students will learn to explain the purpose of a patient's chart and recognize the charting responsibilities for each health care team member. Presents instruction and procedures for scheduling appointments by telephone, computer, and writing. Also focuses on students' performance in the computer-skill laboratory, demonstrating their cognitive knowledge for maintaining medical records; ordering laboratory and diagnostic exams; accurately transcribing physicians' orders; recognizing treatment orders; ordering nursing supplies; identifying abbreviations, symbols, and terms used in a medication order; and charting information accurately to the appropriate forms and the Kardex for their pseudo patients. Co-requisite(s): Enrollment in HUC 106, HUC 108, and HUC 120.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8122	7 Cr	8:00AM-2:45PM	M	09/23/19-12/11/19	21 105	Perez, Joylen	HYBRID	

HUC 118 ADV COMMUNICATIONS APPLICATIONS IN THE HUC ROLE

Improves communication among diverse cultures and incorporates the relevant needs of culturally diverse groups in the medical field. Provide students with an overview and understanding of the fundamentals of communication.

Prerequisite(s): Successful completion of HUC 106, HUC 108, HUC 114, and HUC 120. Co-requisites: Enrollment in HUC 112, HUC 113, HUC 122, HUC 126, and HUC 132.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8172	2 Cr	3:00PM-10:00PM	MTuTh	09/23/19-12/11/19	21 105	Elizondo, Ver	HYBRID	

HUC 120 UNIT MANAGEMENT

Covers management responsibilities for the nursing unit, including time management and identification of possible fire and safety hazards on the nursing unit. Co-requisites: Enrollment in HUC 106, HUC 108, and HUC 114.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8132	3 Cr	8:00AM-2:45PM	W	09/23/19-12/11/19	21 105	Perez, Joylen	HYBRID	

HUC 122 UNIT MANAGEMENT II

Focuses on cognitive knowledge for managing the nursing unit and developing verbal and written communication skills. Students will develop leadership and performance skills by practicing classroom management. Prerequisite(s):

Successful completion of HUC 106, HUC 108, HUC 114, and HUC 120. Co-requisites: Enrollment in HUC 112, HUC 113, HUC 118, HUC 126, and HUC 132.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8182	3 Cr	3:00PM-10:00PM	TuW	09/23/19-12/11/19	21 105	Elizondo, Ver	HYBRID	

HUC 126 LEGAL/ETHICAL ASPECTS OF UNIT COORDINATING

Enables students to identify legal elements that are necessary in regard to preparing legal documents, discussing hospital and patient confidentiality, or witnessing signatures on consents for treatment. The ethics of this profession will be explored, and students will learn how to apply these ethics in professional behaviors. Covers AIDS education, blood-borne pathogens, HIPAA and hepatitis information. Prerequisite(s): Successful completion of HUC 106, HUC 108, HUC 114, and HUC 120. Co-requisites: Enrollment in HUC 112, HUC 113, HUC 118, HUC 122, and HUC 132.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8192	2 Cr	3:00PM-10:00PM	WF	09/23/19-12/11/19	21 105	Elizondo, Ver	HYBRID	

HUC 132 CLINICAL EXPERIENCE

Enables students to use the cognitive and performance objectives from courses HUC 102 through 126 in the clinical setting. The course focuses on resume preparation, employment application, and an employment interview. In order to participate in the clinical aspect of the program, students must receive a 'No Record On File' report from the Washington State Patrol regarding crimes against persons. Clinical hours vary from six to eight hours per day, four days per week. Students unable to complete course HUC 132 will have the option of completing a clinical rotation with the next available

program, on approval from the instructors, within six months. Prerequisite(s): Successful completion of HUC 106, HUC 108, HUC 114, and HUC 120. Co-requisites: Enrollment in HUC 112, HUC 113, HUC 118, HUC 122, and HUC 126.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
81A2	7 Cr	3:00PM-10:00PM	DAILY	09/23/19-12/11/19	21 105	Perez, Joylen	HYBRID	

HUC 204 ECG MONITOR TECHNICIAN

Examines basic cardiac function, normal and abnormal cardiac rhythms, etiology of arrhythmias, and interpretation of EKG tracing. Class time will consist of lectures, identifying rhythms, and group challenges. This course provides students with an excellent baseline understanding of both simple and more complex rhythms.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8142	3 Cr	12:00PM-3:00PM	TuWThF	10/01/19-10/29/19	21 105	Perez, Joylen	ENHANCED	

HEATING/VENTILATION/AIR CONDITIONING (HVAC)

HAC 102 BASIC ELECTRICITY

Discusses the structure of matter, movement, electrons, conductors, insulators, direct and alternating currents, and electrical units of measurement. Students will also study electrical circuits and measurements, Ohm's law, series and parallel circuits, and electrical power. Also includes magnetic fields, inductance, transformers, capacitance, impedance, sine waves, and use of electrical measuring instruments. Co-requisites: HAC 105, HAC 120, HAC 162, HAC 163, HAC 164, and HAC 169, or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1802	5 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 202	Bean, Thomas	ENHANCED	

HAC 105 ELECTRICAL CIRCUITS

Discusses types of automatic control devices that respond to thermal change, the bimetal device, control by fluid expansion, the thermocouple, and electronic sensing devices. Covers space temperature controls (both high and low voltage), sensing temperatures of solids, pressure-sensing devices, oil-pressure safety controls, air-pressure controls, devices that control fluid flow, and maintenance of mechanical and electromechanical controls. Co-requisites: HAC 102, HAC 120, HAC 162, HAC 163, HAC 164, and HAC 169, or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1812	4 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 202	Bean, Thomas	ENHANCED	

HAC 120 ADVANCED CONTROLS AND TROUBLESHOOTING

Covers control terminology, applications and electronic control circuits. Pneumatic controls and direct digital controls are also explored, along with programmable thermostats. Also covers procedures for troubleshooting basic and complex circuits, thermostats, and high-voltage circuits controlled by thermostats. Describes procedures for measuring amperage and voltage in low-voltage circuits and discusses pictorial and line diagrams. Co-requisites: HAC 102, HAC 105, HAC 162, HAC 163, HAC 164, and HAC 169, or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1822	4 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 202	Bean, Thomas	ENHANCED	

HAC 162 ELECTRIC MOTORS AND THEIR APPLICATIONS

Discusses types of electric motors, along with starting and running components and characteristics, motor speeds, and power supplies. Specific topics also included are single and split-phase motors, the centrifugal switch, electronic replay, capacitor start motors, capacitor run motors, permanent split capacitor motors, shaded pole motors, single-phase hermetic motors, positive temperature coefficient motors, and variable-speed motors. Includes discussions of various characteristics and insulations, bearings, mountings, and motor drives. Co-requisites: HAC 102, HAC 105, HAC 120, HAC 163, HAC 164, and HAC 169, or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1842	4 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 202	Bean, Thomas	ENHANCED	

HAC 163 REFRIGERATION CONTROLS

Fundamentals of refrigeration controls and defrost systems. Prerequisite(s): Must have required hand tools of the trade and be enrolled in HAC 164. Co-requisites: HAC 102, HAC 105, HAC 120, HAC 162, HAC 164, and HAC 169.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1832	3 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 202	Bean, Thomas	ENHANCED	

HAC 164 ELECTRIC MOTOR CONTROLS AND TROUBLESHOOTING MOTO

Discusses mechanical and electrical motor troubleshooting. This includes drive assemblies, belt tension, pulley alignment, open and shorted windings, shorts to ground, capacitor problems, wiring and connectors, and troubleshooting hermetic motors. Co-requisites: HAC 102, HAC 105, HAC 120, HAC 162, HAC 163, HAC 169 or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1852	3 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 202	Bean, Thomas	ENHANCED	

HAC 169 ADV MOTOR THEORY

Understanding variable-speed and capacity control motors (ECMs, Offloaders, Compressors, Inverter Drives). Prerequisite(s): Must have required hand tools of the trade and be enrolled in HAC 164. Co-requisites: HAC 102, HAC 105, HAC 120, HAC 162, HAC 163, and HAC 164.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1862	2 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 202	Bean, Thomas	ENHANCED	

HAC 202 ADVANCED REFRIGERATION

Covers competently troubleshooting and repair of refrigeration equipment, thermal physics and equipment for refrigeration systems analysis and efficiency. This is a hands-on class utilizing live projects. Prerequisite(s): Must have required hand tools of the trade. Must be enrolled in HAC 249 and HAC 257.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
18C2	10 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 300	Mcghee, Dwigh	ENHANCED	

HAC 230 EPA REFRIGERANT RECOVERY CERTIFICATION

Will give students the knowledge to properly recover and charge refrigerants & dispose of them as defined by EPA. Pass a national examination.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1872	1 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 402	Mcghee, Dwigh	ENHANCED	

HAC 237 BASIC REFRIGERATION I

Introduction to controls, thermal physics, and equipment for residential and light commercial air conditioning and refrigeration system installation and servicing, with emphasis on refrigeration. Prerequisite(s): HAC 102 through 168 or equivalent or instructor permission. Have all the tools of the trade.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1882	7 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 402	Mcghee, Dwigh	ENHANCED	

HAC 242 BASIC REFRIGERATION I LAB

Covers troubleshooting and repair of refrigeration equipment, thermal physics, and equipment for refrigeration systems analysis and efficiency. This is a hands-on class utilizing live projects. Students will build a basic capillary tube

refrigeration unit using basic temperature controls. Prerequisite(s): Must have required hand tools of the trade and completed HAC 102-169, and must be enrolled in the Basic Refrigeration I course.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1892	5 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 300	Mcghee, Dwigh	ENHANCED	

HAC 246 BASIC REFRIGERATION II

Introduction to controls, thermal physics, and equipment for residential and light commercial airconditioning and refrigeration system installation and servicing, with emphasis on commercial refrigeration and heat pumps.

Prerequisite(s): Must have required hand tools of the trade and completed HAC 102-169, and must be enrolled in the Basic Refrigeration I course.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
18A2	6 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 402	Mcghee, Dwigh	ENHANCED	

HAC 249 JOB READINESS

Covers resume writing, cover letter preparation, Internet job search, Work Source job readiness workshop, and tips on filling out job applications. Prerequisite(s): Must be enrolled in HAC 202 and HAC 257.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
18F2	5 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 300	Mcghee, Dwigh	ENHANCED	

HAC 255 BASIC REFRIGERATION II LAB

Hands-on experience with introduction to controls, thermal physics, and equipment for air-conditioning system installation and servicing. Prerequisite(s): Must have required hand tools of the trade and be enrolled in the Basic Refrigeration I course.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
18B2	3 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 300	Mcghee, Dwigh	ENHANCED	

HAC 257 COMMERCIAL REFRIGERATION

Troubleshoot and repair commercial refrigeration through study material and DVD format. Refrigeration fundamentals, refrigeration electrical controls, and refrigeration charging are explored. This is a hands-on class utilizing live projects.

Prerequisite(s): Must have required hand tools of the trade. Must be enrolled in HAC 202 and HAC 249.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
18D2	7 Cr	7:00AM-1:45PM	DAILY	09/23/19-12/11/19	25 300	Mcghee, Dwigh	ENHANCED	

HEMODIALYSIS

HDT 106 DOSAGE CALCULATIONS

Emphasis on fractions, combined percentages, the metric system, apothecary measurements and conversions, Roman numerals and dosage calculation formulas. Self-paced lab. (For hemodialysis students only). Prerequisite(s): Accuplacer reading/writing combined score of 228 or equivalent, or successful completion of ENG 091. Accuplacer arithmetic score of 230 or equivalent.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8802	2 Cr	7:00AM-8:15AM	MTu	09/23/19-12/11/19	21 216	Markovits, Ke	HYBRID	

HDT 108 HEALTH INFORMATION TECHNOLOGY IN PATIENT SERVICE

Covers the issues, trends, and impacts of electronic and networked information technology on health care services in general. Explores specific issues related to the hemodialysis technician profession.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8812	2 Cr	7:00AM-8:15AM	WTh	09/23/19-12/11/19	21 216	Markovits, Ke	HYBRID	

HDT 116 COMPUTER APPLICATIONS/KEYBOARDING

Students will use computers to develop touch control and proper keyboarding and keypad techniques, with emphasis on alpha/numeric data entry. Course includes skill building; keyboarding alphabetic, figure, and symbol keys; and continued keyboarding drills and practice to develop a minimum speed and accuracy of 45 WPM/150 KSPM at 98 percent accuracy. Includes an introduction to MS Office Suite for basic business correspondence. Students will use Internet navigation for research projects.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8822	2 Cr	8:30AM-9:45AM	WTh	09/23/19-12/11/19	21 216	Markovits, Ke	HYBRID	

HDT 123 HEMODIALYSIS TERMS ANATOMY & PHYSIOLOGY

Provides the basic techniques of medical word building to be applied in acquiring an extensive medical vocabulary. Introduces anatomical, physiological, and pathological terms relating to body systems and medical abbreviations.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8832	2 Cr	10:00AM-11:15AM	MTu	09/23/19-12/11/19	21 216	Markovits, Ke	HYBRID	

HDT 130 HEMODIALYSIS PRINCIPLES & PROCEDURES I

Defines the basic principles of diffusion, filtration, fluid dynamics, and osmosis relating to the dialysis process. Includes overviews of the dialysis environment and kidney functions. Covers patient vitals and monitoring treatment, including identification of normal and abnormal values. Students will perform laboratory tests and use patient documentation procedures. Students will learn to identify causes, signs, symptoms, preventions, and interventions for medical and technical complications that may occur during dialysis. Includes patient dietary and nutrition requirements.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8842	5 Cr	10:00AM-1:00PM	MTuWTh	09/23/19-12/11/19	21 227	Markovits, Ke	HYBRID	

HDT 160 CLINICAL PRACTICUM

During the clinical experience, students will participate in a dialysis facility as a member of the health care team in applying principles of hemodialysis, standard precautions, fluid management, initiating and concluding a dialysis treatment, patient and equipment monitoring, and treatment of routine hemodialysis problems in accordance with the standard dialysis procedures and policies of the facilities. Student will need to complete a total of 300 hours in the clinic. Prerequisite(s): Students must successfully complete HDT 142, 150, 151, and 153 with a score of 80% or higher. Completion of all required immunizations with lab results as outlined. Students must be able to pass background check and drug screening requirements per clinical site. Current 'American Heart Association' (Healthcare Provider CPR/FirstAid BLS) ' no substitutions.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8852	6 Cr	0:R M-0: M	DAILY	09/23/19-12/11/19	21 227	Markovits, Ke	ENHANCED	

HDT 165 CLINICAL PRACTICUM II

During the clinical experience, students will participate in a dialysis facility as a member of the health care team in applying principles of hemodialysis, standard precautions, fluid management, initiating and concluding a dialysis treatment, patient and equipment monitoring, and treatment of routine hemodialysis problems in accordance with the standard dialysis procedures and policies of the facilities. Student will need to complete a total of 300 hours in the clinic. Prerequisite(s): Students must successfully complete HDT 142, 150, 151, and 153 with a score of 80% or higher. Completion of all required immunizations with lab results as outlined. Students must be able to pass background check and drug screening requirements per clinical site. Current 'American Heart Association' (Healthcare Provider CPR/FirstAid BLS) ' no substitutions.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8862	6 Cr	0:R M-0: M	DAILY	09/23/19-12/11/19	21 227	Markovits, Ke	ENHANCED	

HISTORY

HUMAN SERVICES

HS 115 THERAPEUTIC COMMUNICATION SKILLS

Acquaints students with theories and methods of therapeutic communication as well as multicultural communication. Students will demonstrate mastery of theory through classroom activities including mock interviews and work related client interactions. Prerequisite(s): Successful completion of ENGL& 101, PSYC& 100, any 100-level Computer Applications class of 3 or more credits, and COLL 102 with a grade of 'C' or higher.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2402	5 Cr	10:00AM-11:50AM	MWF	09/23/19-12/11/19	02 120	Welch, Rober	HYBRID	

HS 125 HIV/AIDS & BLOOD BOURNE PATHOGENS & BRIEF RISK

Increase student's knowledge of HIV/AIDS & blood-borne pathogens. Students will gain knowledge of the history of HIV/AIDS and related issues. Provides 10 hours of HIV/ AIDS training in the areas of transmission, occupational safety, and standard precautions. Prerequisite(s): For Human Services Generalists: Students must be a high school graduate or have passed a high school equivalency test and have Accuplacer reading/writing combined score of 277 or equivalent or higher, or successful completion of ENG 094, and have an Accuplacer quantitative score of 230 or equivalent or successful completion of MAT 092 prior to starting the course. For HSCD certificate students: Completion of a terminal degree (A.A., B.A., M.S., etc.), OR student is entering their fourth quarter of the Human Services associate degree program.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2432	1 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Welch, Rober	ONLINE	

HS 127 INTRODUCTION TO HUMAN SERVICES

Introduces students to human services as a profession and includes a historical and philosophical framework of human service delivery. Contemporary roles and the human service worker will be covered, including: typical duties and tasks of human service workers, income, maintenance, children's services, family services, aging, substance abuse, mental health, services for persons with disabilities, and the sociocultural aspects of providing services in a multiculturally diverse society. Students will also examine the competencies and qualifications required to become an effective human services worker, as well as the occupational and educational alternatives for graduates. Prerequisite(s): Successful completion of ENGL& 101, PSYC& 100, any 100-level Computer Applications class of 3 or more credits, and COLL 102 with a grade of 'C' or higher.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2412	5 Cr	9:00AM-9:50AM	DAILY	09/23/19-12/11/19	02 120	Welch, Rober	HYBRID	

HS 152 INTERNSHIP I

Students will participate in on-the-job training in the human services field of their choice. Duties and tasks are supervised. Students will perform relevant job duties and tasks within an agency of their choice, attend supervision meetings, identify applicable community resources, and perform other job duties as assigned. Instructor permission is required for site choice. Prerequisite(s): Students must complete HS 225, HS 125, HS 227, and HS 120 to be eligible to take this course.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2442	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	02 112	White, Duke	HYBRID	

HS 215 HUMAN DEVELOPMENT FOR HUMAN SERVICE PROFESSIONAL

Human development for the human services professional is a lifespan development course looking at the physical, social, cognitive, and emotional development from conception to death. Cultural dynamics, diversity, and social contexts are examined in their relationship to the developmental process. Implications for parenting, education, case management, and social policymaking will be discussed in terms of the application for human services professionals. Prerequisite(s): Students must complete HS 245, HS 222, HS 230, and HS 241 to be eligible to take this course.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2472	5 Cr	9:00AM-9:50AM	DAILY	09/23/19-12/11/19	02 112	Watts, Bryant	HYBRID	

HS 226 MENTAL HEALTH ASSESSMENT AND EVALUATION

Explores current perspectives of mental health in the helping professions by focusing on the identification, definition, diagnostic criteria, and assessment and evaluation of psychological disorders. Emphasizes the continuum between normal and abnormal behavior by examining biological, psychological, and sociocultural causal factors as they relate to adults and children. Prerequisite(s): Students must complete HS 225, HS 125, HS 227, and HS 120 to be eligible to take this course.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2452	5 Cr	10:00AM-11:50AM	MWF	09/23/19-12/11/19	02 112	Watts, Bryant	HYBRID	

HS 234 CULTURAL COMPETENT PRACTICE

Provides students with an awareness of the historical, cultural, socioeconomic, biological, and psychosocial influences that define diversity. Examines culturally competent standards that influence best practice standards for human service workers. Students will explore culture, guidelines for culturally sensitive practices, the impact of inequality on a variety of service populations, racism, prejudice, and inclusion strategies. Prerequisite(s): Students must complete HS 225, HS 125, HS 227, and HS 120 to be eligible to take this course.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2462	5 Cr	10:00AM-11:50AM	TuTh	09/24/19-12/10/19	02 120	Welch, Rober	HYBRID	

HS 237 LAW & ETHICS FOR HUMAN SERVICES

Presents an overview of the ethical and professional issues that human services workers face in the field. Includes ethical decision making, professional responsibilities, liability, confidentiality, records and rights of clients, professional codes of ethics, core values and personal issues, supervision, leadership, and the legal system. Prerequisite(s): Successful completion of ENGL& 101, PSYC& 100, any 100-level Computer Applications class of 3 or more credits, and COLL 102 with a grade of 'C' or higher.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2422	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Van Beek, Car	ONLINE	

HS 240 SURVEY OF ADDICTION

Focuses on addiction in modern society by surveying prevalent addictions and common co-occurring disorders. Students will gain an overview of causal factors and the consequences of addiction as they relate to the individual, family, and community. A strengths-based perspective will focus on the biological, psychological, and sociocultural factors influencing addiction and recovery. Prerequisite(s): Students must complete HS 245, HS 222, HS 230, and HS 241 to be eligible to take this course.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2482	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Watts, Bryant	HYBRID	

HS 245 INTERNSHIP II

Students will participate in on-the-job training in the human services field of their choice. Duties and tasks are supervised. Students perform relevant job duties and tasks within their agency of choice, attend supervision meetings, identify applicable community resources, and perform other job duties as assigned. Instructor permission is required for site choice. Successful completion of Internship I is required. Prerequisite(s): Successful completion of HS 152 Internship I.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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24B2 3 Cr ARRANGED ARRANGED 09/23/19-12/11/19 02 112 White, Duke

HS 246 GROUP PROCESS

An introduction to the dynamics of group interaction, with emphasis on the student's firsthand experience as a group leader and member. Highlights the factors involved in problems of communication, effective emotional responses, and personal growth. Emphasizes group process as a means of changing behavior. This course is designed to assist human services students, who will function as group leaders and co-leaders. Prerequisite(s): Students must complete HS 245, HS 222, HS 230, and HS 241 to be eligible to take this course.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2492	3 Cr	10:00AM-11:30AM	TuTh	09/24/19-12/10/19	02 112	Watts, Bryant	HYBRID	

HS 255 INTERNSHIP III

Students will participate in on-the-job training in the human services field of their choice. Duties and tasks are supervised. Students perform relevant job duties and tasks within their agency of choice, attend supervision meetings, identify applicable community resources, and perform other job duties as assigned. Instructor permission is required for site choice. Successful completion of Internship II is required. Prerequisite(s): Successful completion of HS 245 Internship II.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
24A2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	02 112	White, Duke		

HUMAN SERVICES/CHEMICAL DEPENDENCY

HSCD 134 INTRODUCTION TO ADDICTIONS

Focuses on substance and behavioral addictions in modern society by surveying prevalent addiction trends and common co-occurring disorders. Students will gain an overview of causal factors and the consequences of addiction as they relate to the individual, family, and community. A strengths-based perspective will focus on the biological, psychological, and sociocultural factors influencing addiction and recovery. Prerequisite(s): Completion of a terminal degree associate or higher, or student has completed HS 222, HS 241, HS 230, and HS 255.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
24J2	5 Cr	5:00PM-7:15PM	W	09/25/19-12/11/19	02 112	Weinmann, Jen	HYBRID	

HSCD 180 ADDICTIONS TREATMENT: ETHICS AND THE LAW

This course examines the federal and state laws that pertain to chemical dependency for individuals, families, and service agencies, including the relevant WAC and RCW. Students will be introduced to the local criminal, civil, and juvenile court systems. Core topics include the examination and adherence of the ethical standards for chemical dependency professionals in the helping relationship, including implications for clinical supervision and continuing education. Includes ethical decision-making, professional responsibilities, liability, confidentiality, records and rights of clients, professional codes of ethics, core values and personal issues, supervision, leadership, and the legal system. Prerequisite(s): Completion of a terminal degree associate or higher, OR student has completed HS 222, HS 241, HS 230, and HS 255.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
24D2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Weinmann, Jen	ONLINE	

HSCD 215 CASE MANAGEMENT & RECORDKEEPING FOR THE CDP

This course provides basic chemical dependency case management skills of service coordination, referral practices, community services, ongoing evaluation of treatment progress, client needs, HIV Brief risk intervention for the chemically dependent, and learning documentation standards and applicable laws. Prerequisite(s): Completion of a terminal degree associate or higher, OR student has completed HS 222, HS 241, HS 230, and HS 255.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>

24K2 5 Cr 7:30PM-10:00PM W

09/25/19-12/11/19 02 120

Welch, Rober HYBRID

HSCD 235 CHEMICAL DEPENDENCY PRACTICUM

Students will work in a supervised chemical dependency agency, as approved by the internship supervisor. Students adhere to ethical and professional responsibilities as per their agency, WAC, RCW, and NAADAC guidelines. The course will provide both individual and group supervision provided by agency and instructional professionals to share experiences and further develop work-related skills. Students will complete 115 hours of supervised clinical experience. Prerequisite(s): Completion of a terminal degree associate or higher, OR student has completed HS 222, HS 241, HS 230, HS 255, and HSCD 134.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
24G2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	02 112	Weinmann, Jen	HYBRID	

HSCD 249 CHEMICAL DEPENDENCY & COUNSELING II: ADLT/FAMILY

Acquaints students with culturally competent models of diagnosis and intervention for families and adolescents, as well as building an understanding for the dynamics among family members impacted by chemical dependency. Provides an overview of adolescent psychology and development and family systems theory. Discusses client, family, and community education for substance misuse. Prerequisite(s): Completion of a terminal degree associate or higher, OR student has completed HS 222, HS 241, HS 230, HS 255, and HSCD 155.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
24F2	5 Cr	5:00PM-7:15PM	W	09/25/19-12/11/19	02 120	Welch, Rober	HYBRID	

HSCD 251 RELAPSE PREVENTION

Familiarizes students with the basic philosophy and techniques of relapse prevention for substance abuse and the ongoing process that involves all aspects of the person's wellness and culture. Learn to recognize the warnings signs for relapse, the 12-step approach to recovery, and general wellness concepts. Prerequisite(s): Completion of a terminal degree associate or higher, OR student has completed HS 222, HS 241, HS 230, and HS 255.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
24H2	3 Cr	7:30PM-10:00PM	W	09/25/19-12/11/19	02 112	Weinmann, Jen	HYBRID	

HUMANITIES

HUM& 101 INTRODUCTION TO HUMANITIES

AN INTRODUCTION TO THE HUMANITIES THROUGH INVESTIGATION OF CURRENT EVENTS OFFERED BY LOCAL COMMUNITIES. STUDY OF THE ARTS-PAINTING, SCULPTURE, ARCHITECTURE, DRAMA, FILM, MUSIC AND DANCE - WILL BE ENHANCED BY ATTENDING PERFORMANCES AND ON-LOCATION FIELD TRIPS TO SITES IN THE COMMUNITY. STUDENTS WILL BECOME FAMILIAR WITH TERMINOLOGY OF THE ARTS AND WITH COMMUNITY PERFORMANCE/DEMONSTRATIONS OF THESE SAME ARTS (MULTICULTURAL CONTENT) (WRITING INTERNSIVE) PREREQUISITE: SUCCESSFUL COMPLETION OF ENG 094 WITH A MINIMUM OF C OR EQUIVALENT.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0501	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Rendal, Cami	ONLINE	

INTERIOR DESIGN

DSN 105 DRAFTING I

This course introduces students to the fundamental skills and concepts necessary for interior design planning and

drawing, including use of drafting tools, exercises in line weight and line type quality, architectural scale, dimensioning, and architectural lettering.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3602	6 Cr	8:00AM-2:00PM	DAILY	10/07/19-10/25/19	19 210	Rose, Jaya		

DSN 119 INTERIOR DESIGN & THE DESIGN PROCESS

This course will introduce students to concepts to successfully steer an idea on its journey from imagination to object and to focus on where the idea is going. This introduction describes the nature of a designer's journey, maps the path a designer will take, and explores the path of what happens along the way. This course is an introduction to inspiration, conceptualization, communication, and elements and principles of design and trend spotting.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3612	4 Cr	8:00AM-12:00PM	DAILY	09/23/19-10/04/19	19 210	Bowman, Michl		

DSN 124 COLOR THEORY

This course is an introduction to the world of color, encompassing the following: the three dimensions of color, color systems, color theory, coloring agents, dimensions of color in compositions, principles and elements of design in color, color interactions, symbolisms, influence of color, and exercises of putting color to use.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3622	4 Cr	8:00AM-2:00PM	DAILY	10/28/19-11/15/19	19 210	Bowman, Michl		

DSN 136 INTRODUCTION TO DRAWING AND RENDERING

Introduction to Drawing and Rendering is a beginning look at some of the drawing methods and materials used by interior designers. This course begins with the fundamental concepts of freehand sketching and gaining the ability to think three-dimensionally. It is also an introduction for methods to communicate your design vision through hand-drawn renderings. This is shown by the use of shade, shadow, texture, pattern, color, and material qualities.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3632	4 Cr	8:00AM-2:00PM	DAILY	11/18/19-12/11/19	19 210	Bowman, Michl		

DSN 145 RESIDENTIAL, PLANNING, DESIGN AND EXTERIOR SPACE

Completion of this course will provide students with the understanding of interior space planning basics and concepts using diagrams, residential codes, planning guidelines, and presentation techniques. Students will also learn exterior elements and finishes that help to enclose the space. Prerequisite(s): Successful completion of DSN 105 and DSN 121.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3672	5 Cr	8:00AM-2:00PM	DAILY	11/25/19-12/11/19	19 210	Rose, Jaya		

DSN 153 DRAFTING III

Completion of this course provides students with an understanding of typical planning dimensions and guidelines for residential interiors, as well as proper techniques to combine cabinetry, appliances, and applied measurements for graphic presentation standards. Prerequisite(s): Successful completion of DSN 105 and DSN 121.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3662	4 Cr	8:00AM-2:00PM	DAILY	10/23/19-11/15/19	19 210	Rose, Jaya		

DSN 158 HISTORY OF INTERIORS

This course is a comprehensive overview of the history of interior design and furniture from antiquity to the present day, with special emphasis on design elements.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3652	4 Cr	12:00PM-2:00PM	DAILY	09/30/19-10/15/19	19 124	Bowman, Michl		

DSN 159 INTRO TO TECHNOLOGY FOR INTERIOR DESIGNERS

Learn basic computer skills for interior designers. Contents include computer use for file management and Internet research, as well as introductions to computer generated 3D modeling and design software for editing and presentation.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3642	3 Cr	12:00PM-2:00PM	DAILY	09/23/19-11/22/19	19 202	Watts, Julie	ENHANCED	

DSN 202 ELEMENTS OF KITCHEN AND BATH DESIGN

This course is an introduction to the principles and elements of design for kitchens and bathrooms, including basic components, mechanical and lighting systems, color theory and construction applications.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36J2	5 Cr	ARRANGED	ARRANGED	09/23/19-10/11/19	19 202	Wiggins, Just	ENHANCED	

DSN 206 20/20 DRAFTING

Learn to design kitchen and bath spaces using 20-20 Design software. Skills learned include the execution of floor plans, elevation drawings, rendered perspectives, reports, and design layouts. on sheets.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36K2	5 Cr	3:00PM-8:00PM	DAILY	10/14/19-10/31/19	19 202	Wiggins, Just	ENHANCED	

DSN 208 MATERIALS AND ESTIMATING

This course is an introduction to recommending and calculating quantities for cabinetry, appliances, plumbing fixtures, lighting, hardware, and surfacing materials for kitchens and bathrooms. rials to satisfy the design criteria. Students will learn to research, estimate, recommend and order materials using product specification sheets.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36L2	4 Cr	ARRANGED	ARRANGED	11/04/19-11/26/19	19 202	Wiggins, Just	ENHANCED	

DSN 211 BUSINESS PROCEDURES AND SALES

This course provides students with the understanding of business practices generally conducted by interior designers. The study will acquaint students with the basic procedures, documents, ethical conduct, associations, and certification requirements within various business formats. This course is designed to address current topics on interior design and help prepare students for a professional job search.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36M2	4 Cr	ARRANGED	ARRANGED	11/27/19-12/11/19	ON LINE	Wiggins, Just	ONLINE	

DSN 215 SUSTAINABLE DESIGN: AN OVERVIEW

Explores the history and principles associated with green and sustainable design. This course uncovers how the built environment affects people and the natural environment, environmental movements throughout history, green building assessment methods and certification programs, and the environmental responsibilities associated with the interior design profession. Prerequisite(s): Basic competency with computers and navigating the web.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36D2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Watts, Julie	ONLINE	

DSN 224 SUSTAINABILITY FOR RESIDENTIAL & COMMERCIAL APP

Examines sustainable approaches to the built environment, including preservation, rehabilitation, restoration, and reconstruction. This course also looks at applying sustainable design elements to residential and a variety of commercial project types. Prerequisite(s): It is recommended to have completed or be concurrently enrolled in DSN 215 Sustainable Design: An Overview. Basic competency with computers and navigating the web.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36F2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Watts, Julie	ONLINE	

DSN 226 SUSTAINABLE STRATEGIES IN DESIGN

Introduces sustainable strategies for the integrated interior environment, including identifying materials, products, lighting systems, and building components that embody the principles of sustainability. Prerequisite(s): It is recommended to have completed or be concurrently enrolled in DSN 215 Sustainable Design: An Overview. Basic competency with computers and navigating the web.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36G2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Watts, Julie	ONLINE	

DSN 227 COMMERCIAL SPECIFICATIONS

This course covers general notes used within construction documents, the specification of products, fabrication, and applications for commercial interior design. It also covers the liabilities of the designer in regard to specification writing for codes, standards, and federal regulations that are an essential part of designing building interiors. Prerequisite(s): Successful completion of DSN 225.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3682	4 Cr	8:00AM-2:00PM	DAILY	09/23/19-10/04/19	19 202	Rose, Jaya		

DSN 229 SUSTAINABLE INTERIORS & THE INTERGRATED DESIGN P

Covers the steps to design and present a green interior space. Students will learn more about the integrated design process, develop their own sustainable interior design, and present it in a professional manner in preparation for real-life sustainable design proposals. Prerequisite(s): Completed or concurrently enrolled in DSN 215, DSN 224, and DSN 226. Basic competency with computers and navigating the web.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36H2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Watts, Julie	ONLINE	

DSN 236 DESIGN II

Through site visits, research and building plans, students will develop and present a space plan and design concept incorporating sustainable practices for a project of commercial nature, using an existing space as a model. Students will also be introduced to building code topics, such as occupant load and means of egress. Upon completion of the project, students will give a verbal and visual presentation of their design concept. Prerequisite(s): DSN 225.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36B2	7 Cr	8:00AM-12:00PM	DAILY	11/08/19-12/11/19	19 202	Watts, Julie		

DSN 239 CAD II

This course includes the intermediate -level use of 2-dimensional CAD (computer-aided drafting). To develop increased knowledge, speed, and accuracy, students will use AutoCAD software to develop an interior drawing set using AutoCAD layouts. Prerequisite(s): Successful completion of DSN 216.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36A2	5 Cr	8:00AM-12:00PM	DAILY	10/21/19-11/07/19	19 202	Watts, Julie		

DSN 241 BUSINESS PRACTICES

This course is an introduction to business practices as generally conducted by interior designers. The intent of this study is to acquaint students with some of the daily basic procedures, documents, ethical conduct, associations, certification requirements, and fees associated with the profession of interior design within various business formats. This course is designed to address current topics within the profession and help prepare students for internships and the job search.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3692	4 Cr	8:00AM-2:00PM	DAILY	10/07/19-10/18/19	19 202	Bowman, Michl		

DSN 265 INDEPENDENT STUDY

Explore or expand knowledge of interior design within an independent study format. With guidance and instructor approval, students will select a meaningful project within an area of interest to strengthen their range of abilities. Students will fulfill several pre-approved objectives at the conclusion of the course, completing a self-assessment and final presentation to the instructor. Prerequisite(s): Instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36N2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 210	Bowman, Michl		

DSN 270 INDEPENDENT STUDY

Explore or expand knowledge of interior design within an independent study format. With guidance and instructor approval, students will select a meaningful project within an area of interest to strengthen their range of abilities. Students will fulfill several pre-approved objectives at the conclusion of the course, completing a self-assessment and final presentation to the instructor. Prerequisite(s): Instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36P2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 210	Bowman, Michl		

DSN 275 INDEPENDENT STUDY

Explore or expand knowledge of interior design within an independent study format. With guidance and instructor approval, students will select a meaningful project within an area of interest to strengthen their range of abilities. Students will fulfill several pre-approved objectives at the conclusion of the course, completing a self-assessment and final presentation to the instructor. Prerequisite(s): Instructor approval.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36Q2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 210	Rose, Jaya		

DSN 310 INTERIOR CONSTRUCTION & BUILDING SYSTEMS**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA62	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 202	Watts, Julie	HYBRID	

DSN 312 BUILDING INFORMATION MODELING I**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA72	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 202	Watts, Julie	HYBRID	

LEADERSHIP

LEADR 100 LEADERSHIP I

Students taking this course will gain a basic understanding of the concept of leadership theory while developing a personal philosophy of leadership, an awareness of the moral and ethical responsibilities of leadership and to develop and improve their own leadership skills. This course integrates leadership studies through study, observation and application.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0520	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Pau, Alison	ONLINE	

LEADR 101 LEADERSHIP II

Students taking this course will gain a basic understanding of the concept of leadership theory while developing a

personal philosophy of leadership, an awareness of the moral and ethical responsibilities of leadership and to develop and improve their own leadership skills. This course integrates leadership studies through study, observation and application.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0521	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Pau, Alison	ONLINE	

LIFESPAN PSYCHOLOGY

PSYC& 200 LIFESPAN PSYCHOLOGY

Introduces the milestones of human development from conception to death. It describes the physical, cognitive, and social growth of people, with special attention to various cultural contexts of development and the rich diversity of individuals. The content is drawn from research and theories in developmental psychology. Students are expected to integrate their personal experiences, knowledge of psychology, and their observations of human development with the content of this course. Implications for parenting, education, and social policy making will be discussed, so that students may apply course information to meaningful problems. Prerequisite(s): Successful completion of PSYC& 100.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0564	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Curry, Roger	ONLINE	

MANUFACTURING TECHNOLOGIES

MCH 101 SHOP SAFETY

Provides an overview of the program, orientation to shop procedures, and the responsibilities associated with personal safety and the safety of others. Prerequisite: Instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7802	2 Cr	7:05AM-1:50PM	TuTh	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 105 SHOP MATH/BLEUPRINT

Provides a review of basic arithmetic using addition, subtraction, fractions, and decimal fractions. Study of drawings and prints, and an overview of basic measuring tools. Prerequisite: Instructor's permission and MCH 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7812	6 Cr	7:05AM-1:50PM	TuTh	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 107 SHOP MATH/BLEUPRINT II

Provides study of basic geometry concepts and introduction to calculators. Advanced study of prints and reading of machine details. Prerequisite: Instructor's permission and MCH 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7822	6 Cr	7:05AM-1:50PM	TuTh	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 109 SHOP MATH/BLEUPRINT III

An introduction to trigonometric functions, practical machine mathematical applications, the Cartesian coordinate system, geometric dimensioning, and tolerancing. Prerequisite: Instructor's permission and MCH 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7832	6 Cr	7:05AM-1:50PM	TuTh	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 111 SHOP MACHINE AND TOOLS

Use and care of hand and machine tools used in measurement, layout, and inspection. Beginning machine tool operation of pedestal grinders, drill presses, and power saws. Prerequisite: Instructor's permission and MCH 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7842	6 Cr	7:05AM-1:50PM	TuTh	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 117 LATHES I

Progressively difficult operations on lathes with emphasis on setups, speeds, feeds, turning, facing, grooving, threading and tapers. Actual turning jobs from industry may be utilized. Prerequisite: Instructor's permission and MCH 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7852	6 Cr	7:05AM-1:50PM	TuTh	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 121 SAFETY IN THE WORKPLACE

Progressively difficult operations on milling machines, with emphasis on setups, speeds, feeds, end milling, side milling, shell milling, drilling, and tapping. Actual machining jobs from industry may be utilized. Prerequisite: Instructor's permission and MCH 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7862	6 Cr	7:05AM-1:50PM	TuTh	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 122 LATHES & MILLS II

Intermediate calculations and machining operations with emphasis on accessories for lathes and milling machines. Actual machining jobs from industry may be utilized. Prerequisite: Instructor's permission and MCH 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7872	8 Cr	7:05AM-1:50PM	TuTh	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 125 LATHES & MILLS III

Progressively advanced turning and milling techniques with emphasis placed on precision setup using geometric dimensioning and tolerancing. Actual machining jobs from industry may be utilized. Prerequisite: Instructor's permission and MCH 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7882	10 Cr	7:05AM-1:50PM	TuTh	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 126 LATHES & MILLS IV

Progressively advanced turning and milling techniques with emphasis placed on the use of all shop equipment to complete advanced precision projects. Actual machining jobs from industry may be utilized. Prerequisite: Instructor's permission and MCH 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7892	8 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 129 SURFACE GRINDING

Progressively difficult grinding operations with emphasis on surface grinding, mounting, dressing, and truing grinding machine wheels. Prerequisite: Instructor's permission and MCH 101

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78A2	4 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 133 TOOL & CUTTER GRINDER

Progressively difficult tool and cutter grinding with emphasis on milling cutters, reamers, and form tools. Prerequisite: Instructor's permission and MCH 101.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78B2	5 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 201 CATIA I

Gain introductory knowledge of 3D and parametric design using CATIA V5 software to create basic parts and assemblies in solids and wireframe. Prerequisite(s): Instructor permission required.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78C2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 202 INTRODUCTION TO CNC

Introduction to CNC programming software and setups using CAD/CAM interfacing and project milling, drilling, and lathe turning. Actual machining jobs from industry may be used. Prerequisite(s): Instructor's permission and MCH 101.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78D2	7 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 203 CATIA II

Build upon modeling and parametric design using CATIA V5 software to apply graphic skills to create parts, assemblies, and profiles in solids and wireframe. Prerequisite(s): Instructor permission required.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78F2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	24 ARR	Dam, Ken	HYBRID	

MCH 206 CATIA III

Apply more advanced modeling and parametric design using CATIA V5 software to create complex parts and assemblies in solids and wireframes. Prerequisite(s): Instructor permission required.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78G2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	24 ARR	Dam, Ken	HYBRID	

MCH 211 MEASUREMENT INSPECTION & EQUIPMENT

Covers understanding and operating Computer Numerical Control (CNC) machinery. Also includes writing programs and manual data input. Actual machining jobs from industry may be used. Prerequisite(s): Instructor's permission and MCH 101. Covers progressively advanced CNC machining techniques, with emphasis placed on program troubleshooting and increased production. Actual machining jobs from industry may be used. Prerequisite(s): Instructor's permission and MCH 101.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78H2	10 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 216 ADVANCED CNC

Progressively advanced CNC machining techniques with emphasis placed on program troubleshooting, and increased production. Actual machining jobs from industry may be utilized. Prerequisite: Instructor's permission and MCH 101.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78J2	12 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 219 CAREER OPPORTUNITIES

Covers writing a resume, researching employers and job -search techniques. Prerequisite(s): Instructor's permission and MCH 101.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78K2	4 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 223 INSPECTION TECHNIQUES

Covers proper use of inspection tools and equipment. Emphasis is on applied use of geometric dimensioning and tolerancing, with use of granite layout surfaces. Prerequisite(s): Instructor's permission and MCH 101.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78L2	6 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 229 METALLURGY & HEAT TREATMENT

Provides insight into the study of the properties and compositions of metals. Emphasis is on heat treatment of metals. Prerequisite(s): Instructor's permission and MCH 101.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78M2	4 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 231 MANUFACTURING RESOURCES & RESEARCH

This course is a study of resources for machining information, with emphasis on methods of research. Prerequisite(s): Instructor's permission and MCH 101.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78N2	4 Cr	7:05AM-1:50PM	MW	09/23/19-12/11/19	24 120	Dam, Ken	HYBRID	

MCH 240 TRAINING AND PRACTICE

This course provides special instruction to suit the individuals needs. Repeated enrollment ensures progressively advanced training. The number of times one may enroll is based on the students needs, at the instructors advisement. PREREQUISITE: MCH 101 and Instructor's permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78P2	Var	ARRANGED	ARRANGED	09/23/19-12/11/19	24 120	Dam, Ken		

MASSAGE

MASST 110 ANATOMY PHYSIOLOGY AND PATHOLOGY I

Introduces the student to anatomy and physiology, cytology, integumentary, osteology, mycology, and nervous system. ""

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1202	5 Cr	9:00AM-11:30AM	WF	09/25/19-12/11/19	08 108	Scott, Patric	HYBRID	

MASST 112 SWEDISH MASSAGE THEORY

Introduces students to the history, application, and principles of Swedish massage. This includes not only the massage strokes, but also client safety, communication, and charting of results. Prerequisite(s): Potential students entering the program must test at college level (283 or higher) in reading on the Accuplacer or equivalent or have completed ENG 094. Students must also have documentation of training in standard first aid and CPR and a four-hour HIV/AIDS/blood-borne pathogens class prior to progressing to second quarter. A Washington State Patrol check will be required during the first quarter of study. Some results from the background check may prevent individuals from participating in certain classes. Co-requisites: MASST 112 must be taken concurrently with MASST 120.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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1212 4 Cr 9:00AM-11:30AM TuTh 09/24/19-12/10/19 08 108 Meziere, Yvon

MASST 116 COMPLEMENTARY MASSAGE MODALITIES I

Introduces the student to a variety of massage modalities that can be safely integrated into a massage practice. Modalities covered include fascial techniques, acupressure, seated massage and side-lying. Indications, contraindications and treatment modifications will be identified. Prerequisite: Successful completion of MASST 114 and MASST 117. ""

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1222	3 Cr	12:00PM-3:30PM	M	09/23/19-12/09/19	08 317	Meziere, Yvon		

MASST 120 SWEDISH MASSAGE PRACTICE

Students will apply knowledge and techniques taught in Swedish Massage Theory. This class prepares students to practice safe, relaxing, therapeutic, and effective Swedish massage. In addition to proper use and application of Swedish massage strokes, students will also practice proper self-care techniques and learn how to care for their equipment. Co-requisites: MASST 120 must be taken concurrently with MASST 112.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1232	4 Cr	12:15PM-3:30PM	TuTh	09/24/19-12/10/19	08 317	Meziere, Yvon		

MASST 126 KINESIOLOGY: UPPER EXTREMITY

Introduces students to the study of movement. Presents the beginning principles and skills for locating and identifying bony landmarks and muscles of the upper extremity using palpation techniques, movement, and anatomical terminology. ""

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1242	2 Cr	12:15PM-3:30PM	WF	09/25/19-11/08/19	08 317	Meziere, Yvon		

MASST 130 KINESIOLOGY: TRUNK AND MODALITIES I

Continue the study of movement. Builds upon the principles and skills for locating and identifying bony landmarks and muscles of the trunk using palpation techniques, movement, and anatomical terminology. Prerequisite: Successful completion of MASST 126 "" Prerequisite(s): Successful completion of MASST 126.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1252	1 Cr	12:15PM-3:30PM	WF	11/13/19-12/11/19	08 317	Meziere, Yvon		

MASST 132 DEEP TISSUE MASSAGE THEORY

Introduces students to a variety of massage treatment techniques, providing groundwork for clinical massage applications. Indications, contraindications, and treatment modifications will be identified and discussed. Prerequisite(s): Successful completion of MASST 112 and MASST 120. MASST 132 must be taken concurrently with MASST 135.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1272	3 Cr	5:30PM-7:00PM	MWF	09/23/19-12/11/19	08 305	Priest, Jason		

MASST 135 DEEP TISSUE MASSAGE PRACTICE

Building on the massage techniques learned in Swedish massage theory and practice, students become proficient in a variety of deep-tissue techniques. Prerequisite(s): Successful completion of MASST 112 and MASST 120. Co-requisites: MASST 135 must be taken concurrently with MASST 132.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1282	4 Cr	7:00PM-9:45PM	MWF	10/14/19-12/11/19	08 305	Priest, Jason		

MASST 137 KINESIOLOGY: HEAD AND NECK

Continues the study of movement while building upon the principles and skills for locating and identifying bony landmarks and muscles of the head and neck using palpation techniques, movement, and anatomical terminology.

Prerequisite: Successful completion of MASST 126. "" Prerequisite(s): Successful completion of MASST 126.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1292	1 Cr	7:00PM-9:45PM	TuTh	09/24/19-10/17/19	08 108	Priest, Jason		

MASST 143 MESSAGE BUSINESS & ETHICS I

Introduces important business knowledge, skills, and professional ethics vital to the successful practice of massage therapy after licensure. Learn and follow professional ethics as related to massage and learn and practice universal safety precautions, utilize and understand common medical terms, research the different avenues of employment available, and begin the process of building a successful massage business. ""

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1262	2 Cr	9:00AM-11:30AM	M	09/23/19-12/09/19	08 317	Meziere, Yvon		

MASST 146 KINESIOLOGY: LOWER EXTREMITY

Continue the study of movement. This course builds upon the principles and skills for locating and identifying bony landmarks and muscles of the lower extremity using palpation techniques, movement, and anatomical terminology. Prerequisite: Successful completion of MASST 126. "" Prerequisite(s): Successful completion of MASST 126.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
12A2	2 Cr	7:00PM-9:45PM	TuTh	10/22/19-12/10/19	08 108	Priest, Jason		

MASST 148 MESSAGE BUSINESS AND ETHICS II

Learn and demonstrate a variety of successful business strategies, from marketing to record keeping, in addition to becoming knowledgeable regarding state and local laws that govern massage therapy in Washington State. Prerequisite(s): Successful completion of MASST 143.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
12B2	1 Cr	5:30PM-7:00PM	TuTh	09/24/19-12/05/19	08 108	Priest, Jason		

MASST 162 MESSAGE CLINIC I

Gain first-hand knowledge and experience by running a massage clinic. In addition to providing relaxation and deep tissue massage, each student will also have an opportunity to experience the more administrative positions in a clinic by rotating through the positions of receptionist, cashier, and scheduling manager. Prerequisite: Successful completion of MASST 114 and MASST 117. Student must have current First Aid/CPR certification, as well as having completed a minimum of four hours HIV-AIDS training, and a report from the Washington State Patrol. Some results from the background check may prevent individuals from participating in the Student Clinic. "" clinic.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
12C2	2 Cr	5:30PM-9:45PM	W	10/30/19-12/11/19	08 305	Priest, Jason		

MATH

MAT 092 PRE-ALGEBRA

Covers basic operations with whole numbers, fractions, decimals, percentages, ratios and proportions, signed numbers, algebraic expressions, linear equations, order of operations, basic geometry, units of measurement, and introduction to statistics. FALL ITEM NUMBERS FOR SELF PACED MATH CLASSES ARE THE FOLLOWING:

5W16,5W19,5W22,5W25,5W28,5W31, 5W34,5W37,5W40 AND 5W43. Students have the opportunity to complete anywhere between one (1) and three (3) developmental courses in one quarter (Math 092, Math 094, and Math 099). Prerequisite(s): Accuplacer arithmetic score of 230 or equivalent or higher.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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5W09	5 Cr	9:00AM-9:50AM	DAILY	09/23/19-12/11/19	16 202	Sandoval, L	HYBRID	
5W10	5 Cr	11:00AM-11:50AM	MTuW	09/23/19-12/11/19	16 116	Mollas, Tula	HYBRID	
5W11	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Mollas, Tula	ONLINE	
5W25	5 Cr	11:00AM-11:50AM	DAILY	09/23/19-12/11/19	16 202	Sandoval, L	HYBRID	FULL
5W28	5 Cr	1:00PM-1:50PM	DAILY	09/23/19-12/11/19	16 202	Sandoval, L	HYBRID	SELF-PACED
5W37	5 Cr	4:00PM-6:30PM	MW	09/23/19-12/11/19	15 111	Parnell, Sam	HYBRID	SELF-PACED
5W16	5 Cr	8:00AM-10:30AM	TuTh	09/24/19-12/10/19	16 208	Schmeling, L	HYBRID	SELF-PACED
5W19	5 Cr	9:10AM-10:50AM	TuWTh	09/24/19-12/10/19	15 111	Parnell, Sam	HYBRID	SELF-PACED
5W22	5 Cr	9:00AM-10:40AM	TuWTh	09/24/19-12/11/19	16 113	Alexander, Di	HYBRID	SELF-PACED
5W34	5 Cr	3:00PM-5:20PM	TuTh	09/24/19-12/10/19	16 202	Sandoval, L	HYBRID	SELF-PACED
5W40	5 Cr	3:00PM-5:20PM	MW	09/24/19-12/10/19	16 202	Sandoval, L	HYBRID	SELF-PACED
5W43	5 Cr	9:00AM-2:30PM	Sa	09/28/19-12/07/19	15 111	Parnell, Sam	HYBRID	SELF-PACED

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5W31	5 Cr	1:30PM-3:30PM	TuTh	09/24/19-12/11/19	SHC107	Alexander, Di	HYBRID	SELF-PACED

MAT 094 INTRODUCTION TO ALGEBRA

Develops algebraic topics, including algebraic expressions, solving linear equations and inequalities, coordinate graphing, systems of equations, polynomials, factoring, and introduction to rational expressions. Prerequisite(s): Accuplacer quantitative score of 230 or equivalent or successful completion of MAT 092 is required. FALL SELF PACED MATH ITEM NUMBERS ARE THE FOLLOWING: 5W17,5W20,5W23,5W26, 5W29,5W32,5W35,5W38,5W41, AND 5W44. Once students have demonstrated mastery of a set of materials, they can move on to the next set of materials. Students have the opportunity to complete anywhere between one (1) and three (3) developmental courses in one quarter (Math 092, Math 094, and Math 099).

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5W12	5 Cr	10:00AM-10:50AM	MTuW	09/23/19-12/11/19	16 116	Mollas, Tula	HYBRID	
5W13	5 Cr	3:00PM-3:50PM	DAILY	09/23/19-12/11/19	15 111	Parnell, Sam	HYBRID	
5W14	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Sandoval, L	HYBRID	
5W26	5 Cr	11:00AM-11:50AM	DAILY	09/23/19-12/11/19	16 202	Sandoval, L	HYBRID	FULL
5W29	5 Cr	1:00PM-1:50PM	DAILY	09/23/19-12/11/19	16 202	Sandoval, L	HYBRID	SELF-PACED
5W38	5 Cr	4:00PM-6:30PM	MW	09/23/19-12/11/19	15 111	Parnell, Sam	HYBRID	SELF-PACED
5W41	5 Cr	3:00PM-5:20PM	MW	09/23/19-12/11/19	16 202	Sandoval, L	HYBRID	SELF-PACED
5W17	5 Cr	8:00AM-10:30AM	TuTh	09/24/19-12/10/19	16 208	Schmeling, L	HYBRID	SELF-PACED
5W20	5 Cr	9:10AM-10:50AM	TuWTh	09/24/19-12/10/19	15 111	Parnell, Sam	HYBRID	SELF-PACED
5W23	5 Cr	9:00AM-10:40AM	TuWTh	09/24/19-12/11/19	16 113	Alexander, Di	HYBRID	SELF-PACED
5W35	5 Cr	3:00PM-5:20PM	TuTh	09/24/19-12/10/19	16 202	Sandoval, L	HYBRID	SELF-PACED
5W44	5 Cr	9:00AM-2:30PM	Sa	09/28/19-12/07/19	15 111	Parnell, Sam	HYBRID	SELF-PACED

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5W32	5 Cr	1:30PM-4:10PM	TuTh	09/24/19-12/10/19	SHC107	Alexander, Di	HYBRID	SELF-PACED

MAT 099 INTERMEDIATE ALGEBRA

Algebraic operations and concepts, solving equations and inequalities including quadratic equations, rational expressions, exponents, roots and radicals, graphing of linear and quadratic functions, and introduction to logarithms. PREREQUISITES: Appropriate COMPASS or successful completion of MAT 94 is required. FALL SELF-PACED MATH ITEM NUMBERS ARE THE FOLLOWING: 5W18,5W21,5W24,5W27, 5W30,5W33,5W36,5W39,5W42,5W45 Once students have demonstrated mastery of a set of materials, they can move on to the next set of materials. Students have the opportunity to complete anywhere between one (1) and three (3) developmental courses in one quarter (Math 092, Math 094, and Math 099).

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5W15	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Schmeling, L	ONLINE	
5W27	5 Cr	11:00AM-11:50AM	DAILY	09/23/19-12/11/19	16 202	Sandoval, L	HYBRID	FULL

5W30	5 Cr	1:00PM-1:50PM	DAILY	09/23/19-12/11/19	16 202	Sandoval, L	HYBRID	SELF-PACED
5W39	5 Cr	4:00PM-6:30PM	MW	09/23/19-12/11/19	15 111	Parnell, Sam	HYBRID	SELF-PACED
5W18	5 Cr	8:00AM-10:30AM	TuTh	09/24/19-12/10/19	16 208	Schmeling, L	HYBRID	SELF-PACED
5W21	5 Cr	9:10AM-10:50AM	TuWTh	09/24/19-12/11/19	15 111	Parnell, Sam	HYBRID	SELF-PACED
5W24	5 Cr	9:00AM-10:40AM	TuWTh	09/24/19-12/11/19	16 113	Alexander, Di	HYBRID	
5W36	5 Cr	3:00PM-5:20PM	TuTh	09/24/19-12/10/19	16 202	Sandoval, L	HYBRID	SELF-PACED
5W42	5 Cr	3:00PM-5:20PM	MW	09/24/19-12/11/19	16 202	Sandoval, L	HYBRID	SELF-PACED
5W45	5 Cr	9:00AM-2:30PM	Sa	09/28/19-12/07/19	15 111	Parnell, Sam	HYBRID	SELF-PACED

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5W33	5 Cr	1:30PM-3:30PM	TuTh	09/24/19-12/10/19	SHC107	Alexander, Di	HYBRID	SELF-PACED

MAT 103 BUSINESS MATHEMATICS

Develops elements of algebra applied to percentages, markup and markdown, discounts, payroll, and simple and compound interest. Scientific calculator required. Prerequisite(s): Accuplacer advanced algebra score of 233 or equivalent or successful completion of MAT 093 or MAT 094.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0540	5 Cr	2:00PM-2:50PM	MTuWTh	09/23/19-12/11/19	16 208	Schmeling, L	HYBRID	
0541	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Schmeling, L	ONLINE	
0574	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Stultz, Dougl	ONLINE	
5B52	5 Cr	12:30PM-1:32PM	MTuWTh	09/23/19-12/11/19	10 111	Perse, Britta		FULL
5B53	5 Cr	1:45PM-2:47PM	MTuWTh	09/23/19-12/11/19	10 111	Perse, Britta		

MAT 105 MAT 105 MATH FOR INDUSTRIAL PROFESSIONS

Develops elements of algebra, geometry, metric measure, and trigonometry to calculate areas, volumes and angles for polygonal objects, objects with smooth curves, and composite objects, with applications to material strength tapers, pulleys, gears, screw threads and elementary engines. Scientific Calculator required. PREREQUISITE: Appropriate COMPASS score or successful completion of MAT 91 is required.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0542	5 Cr	11:00AM-11:50AM	MTuWTh	09/23/19-12/11/19	16 113	Alexander, Di	HYBRID	
0543	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Gangaram, Jit	ONLINE	

MAT 108 MATH FOR HEALTH OCCUPATIONS

Covers solutions to linear equations and quadratic equations with real roots, formulas; U.S., metric and apothecary measurement; calculation of dosages and intravenous fluid infusions; solutions and dilutions, logarithms and pH, elementary chemical calculations, and elementary statistics including standard deviation. Scientific calculator required. PREREQUISITE: Appropriate COMPASS score or successful completion of MAT 91 is required.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0544	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Sweerus, Neil	ONLINE	
0545	5 Cr	10:00AM-10:50AM	DAILY	09/23/19-12/11/19	16 202	Sweerus, Neil	HYBRID	

MAT 111 MATH FOR COSMOTOLOGY/ESTHETICS PROFESSIONALS

This course is designed to prepare students interested in the cosmetology career to gain confidence in the mathematics and problem solving they may encounter. Topics covered include: methods of mathematical operations; order of operations; fractions; percentages; decimals; mathematical expressions and equation; solving variable equations and formulas; markdowns and markups; simple business math calculations; unit analysis, including US and metric measuring systems; time management; handling payroll. Prerequisite(s): Successful completion of MAT 093.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0547	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Stultz, Dougl	ONLINE	FULL
0578	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Stultz, Dougl	ONLINE	

MAT 311 MATHEMATICAL TECHNIQUES FOR OPERATIONS MANAGEMENT

Provides students with the foundational mathematical tools required for operations management, including acceptance sampling, decision theory, probability theory, and linear programming. Prerequisite(s): Successful completion of MATH& 146.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA12	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 122	Ostadfar, Ali	HYBRID	

MAT 413 MEASUREMENT AND STATISTICAL PROCESS CONTROL**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA42	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 122	Ostadfar, Ali	HYBRID	

MATH& 107 MATH IN SOCIETY

Exploration of mathematical concepts, with emphasis on observing closely, developing critical thinking, analyzing and synthesizing techniques, improving problem-solving skills, and applying concepts to new situations. Core topics are probability and statistics. Additional topics may be chosen from a variety of math areas useful in our society.

Prerequisite(s): Appropriate Accuplacer advanced algebra score of 233 or equivalent or successful completion of MAT 099.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0546	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Stultz, Dougl	ONLINE	

MATH& 141 PRECALCULUS I

Covers linear, quadratic, polynomial, rational, absolute value, exponential, logarithmic, and inverse functions and equations; composite functions, linear and quadratic inequalities, graphs of functions, relations, and inequalities; and graphic transformations. Introduces limits, linear and quadratic curve fitting, and mathematical modeling, including exponential growth and decay. Graphing calculator required. Prerequisite(s): Appropriate Accuplacer advanced algebra score of 233 or equivalent or successful completion of MAT 099.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0548	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Alexander, Di	ONLINE	

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0552	5 Cr	1:00PM-2:45PM	MW	09/23/19-12/11/19	SHC114	Holalkere, Ve	HYBRID	

MATH& 142 PRECALCULUS II

Covers circular, trigonometric, and inverse-trigonometric functions and graphs; trigonometric and inverse trigonometric identities; trigonometric equations; vectors and elementary vector operations; De Moivre's theorem and equations with complex solutions; and polar and parametric equations and their graphs. Graphing calculator required. Prerequisite(s): Appropriate Accuplacer advanced algebra score of 263 or equivalent or successful completion of MATH& 141 or equivalent.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0549	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Schmeling, L	ONLINE	

MATH& 146 INTRODUCTION TO STATISTICS

Descriptive and inferential statistics, including measures of central tendency, dispersion or variation, and skewness. Students are introduced to basic concepts in probability, as well as discrete and continuous probability distribution functions. Statistical inference includes sampling, elementary experimental design, and hypothesis testing using normal, student's T, and F-distributions; linear regression and correlation; and the chi-square distribution. Graphing calculator is required. Prerequisite(s): Appropriate Accuplacer advanced algebra score of 263 or equivalent or successful completion of MAT 099 is required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0550	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Alexander, Di	ONLINE	
0551	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Sweerus, Neil	ONLINE	
0554	5 Cr	11:00AM-11:50AM	DAILY	09/23/19-12/11/19	16 208	Sweerus, Neil	HYBRID	

MECHATRONICS

MEC 115 DC CIRCUITS

Covers DC electrical terms, equations and theory. Presents techniques used for solving problems involving resistance, voltage, and current in circuits. Presents fundamental laws and relationships applied to the analysis of circuits, including capacitors and/or inductors. Basic circuit fabrication techniques and standard instrumentation used in test and measurement of DC circuits will also be covered. Prerequisite(s): Prerequisite or co-requisite: MAT 099 or higher or appropriate placement. Co-requisite MEC 140.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ82	5 Cr	7:30AM-3:15PM	MTuWTh	09/23/19-12/11/19	24 103	Sawatzki, Jas	HYBRID	

MEC 120 COMPUTER AIDED DESIGN I

Introduces the use of parametric computer-aided design (CAD) software to design parts working from engineering sketches and/or prototypes.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ62	5 Cr	7:30AM-3:15PM	MTuWTh	09/23/19-12/11/19	24 103	Sawatzki, Jas	HYBRID	

MEC 128 APPLIED STATICS AND STRENGTHS OF MATERIALS

Study of forces acting on structures at rest: free-body diagrams, trusses, friction and related material, which may include hydrostatic pressures and loads, cables and arches. Includes analysis of tension, compression, shear, deformation, and stress acting on members. Also includes analysis of material properties and their classification and characterization. Prerequisite(s): Successful completion of MAT 141 Pre-Calculus (or higher).

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ72	5 Cr	7:30AM-3:15PM	MTuWTh	09/23/19-12/11/19	24 103	Wenngren, Car	HYBRID	

MEC 135 DIGITAL ELECTRONICS AND NETWORKING

Introduces logic fundamentals, numbering systems, codes, gates, truth tables, basic Boolean theorems, and combination logic circuits. Also introduces the elements used to create TCP/IP-based industrial networks, including switches, routers, and firewalls. The course will include network troubleshooting and the use of network diagnostic tools. Prerequisite(s): Successful completion of MEC 115. Co-requisite: MEC 160

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ52	5 Cr	7:30AM-3:15PM	MTuWTh	09/23/19-12/11/19	24 103	Wenngren, Car	HYBRID	

MEC 140 COMPUTER PROGRAMMING

Introduces computer programming and problem solving. Topics include language syntax, data types, program organization, algorithm design, and logic control structures. Also covers program design techniques, such as flowcharts and the use of pseudocode. Co-requisite MEC 115.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ92	5 Cr	7:30AM-3:15PM	MTuWTh	09/23/19-12/11/19	24 103	Wenngren, Car	HYBRID	

MEC 160 PROGRAMMABLE CONTROLS I

Covers programmable logic controller (PLC) architecture, configuration, and programming. Teaches students what PLCs

do and where they are used. Introduces the Relay Ladder Diagram (RLD) programming language. Students will write and test PLC RLD programs and create a PLC system using digital and analog I/O simulators. Prerequisite(s): Successful completion of MEC 140. Co-requisite: MEC 135.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ42	5 Cr	7:30AM-3:15PM	MTuWTh	09/23/19-12/11/19	24 103	Sawatzki, Jas	HYBRID	

MEC 165 ROBOTICS

Covers basic robot terminology and operational skills, including safety, moving a robot in joint and world modes, and creating Teach Pendant programs. Students will also learn about preventative maintenance and program a robot to carry out simple tasks representative of industrial practice. Prerequisite(s): Successful completion of MEC 140.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQA2	5 Cr	7:30AM-3:15PM	MTuWTh	09/23/19-12/11/19	24 103	Wenngren, Car	HYBRID	

MEC 173 APPLIED MECHATRONICS

In this course students develop applied systems by integrating elements of the constituent fields of mechatronics: electrical, mechanical, communication, control, and computing processes and devices. Students revisit fundamental skills and apply them to multidisciplinary challenges in the lab. Projects may include construction and modification of equipment to increase the capacity of the mechatronics lab. Prerequisite(s): Successful completion of MEC125, MEC150, MEC115, MEC116, MEC160.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQB2	5 Cr	7:30AM-3:15PM	MTuWTh	09/23/19-12/11/19	24 103	Wenngren, Car	HYBRID	

MEC 289 INTERNSHIP/WORK EXPERIENCE

Provides students with practical on-the-job experience, and offers students a way to combine classroom study with related work experience under the supervision of an employer. Work experience must be related to the student's educational and career objectives in the field of mechatronics. Includes a weekly seminar component. Students must submit, at or before registration, a description of the proposed internship, signed by the employer, the instructor, and the student. Prerequisite(s): Instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQD2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	24 103	Sawatzki, Jas	HYBRID	

MEC 290 MECHATRONICS CAPSTONE PROJECT

A required capstone project to be completed prior to graduation as a final check of competency. Students meet in person with an instructor and agree to a project that will apply the skills and competencies that students have acquired in the program, and that will result in a portfolio piece showcasing their abilities. Students must submit, at or before registration, a description and timetable for completion, signed by both the instructor supervising the capstone project and the student. This course is to be taken the final quarter of the program. Prerequisite(s): Instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQC2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	24 103	Sawatzki, Jas	HYBRID	

MEDICAL ASSISTANT

MAP 121 BODY SYSTEMS THEORY 101

Caring for patients with disorders associated with hematology, endocrinology, obstetrics and gynecology, urology and male reproduction, and gastroenterology. Instruction will include anatomy and physiology, pathophysiology, pharmacology, and terminology. Prerequisite(s): Successful completion of CAH 102, CAH 105, COLL 102, and MAP 107. Co-requisites: MAP 124.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3822	4 Cr	12:00PM-3:00PM	TuTh	09/24/19-12/10/19	21 108	Yarbough, Kis	HYBRID	FULL

MAP 124 BODY SYSTEMS APPLICATIONS 101

Practice fundamental skills relating to Body Systems Theory 101. Skills include microhematocrit, blood glucose monitoring, care and use of the microscope, pregnancy testing, physical and chemical urinalysis, and UA slide preparation. Prerequisite(s): Successful completion of CAH 102, CAH 105CL, COLL 102, and MAP 107. Co-requisites: MAP 121.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3832	3 Cr	12:00PM-3:00PM	WF	09/25/19-12/06/19	21 108	Yarbough, Kis		FULL

MAP 164 BODY SYSTEMS APPLICATIONS 103

Practice fundamental skills relating to Body Systems Theory 103. Skills include wound and burn care; assisting with application and removal of sutures, surgical staples and casting; asepsis and infection control; identifying surgical instruments and proper care of instruments; assisting with minor office surgery; and operating the autoclave. Also includes activities related to safety and emergency practices. Prerequisite(s): Successful completion of MAP 146 and MAP 147. Co-requisites: MAP 166 and MAP 209.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
38B2	4 Cr	4:00PM-7:00PM	TuTh	09/24/19-12/05/19	21 122	Yarbough, Kis	HYBRID	

MAP 166 BODY SYSTEMS THEORY 103

Caring for patients with disorders associated with dermatology, orthopedic medicine, and surgical asepsis, as well as learning procedures and safety and emergency practices. Instruction will include anatomy and physiology, pathophysiology, pharmacology, and terminology. Prerequisite(s): Successful completion of MAP 147 and MAP 146. Co-requisites: MAP 164 and MAP 209.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
38A2	4 Cr	4:00PM-7:00PM	MW	09/23/19-12/04/19	21 111	Yarbough, Kis	HYBRID	

MAP 173 ACCOUNTING PRACTICES

Covers basics of accounting and bookkeeping. Includes expanded discussion on manual procedures for accounts receivable management for both private patients and insurance companies. Prerequisite(s): MAT 092 or higher. Completion of MAP 171 and MAP 179. Co-requisites: MAP 177 and MAP 209.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3882	4 Cr	7:00PM-9:30PM	DAILY	09/23/19-11/05/19	21 211	Jones, Michel	HYBRID	

MAP 177 FINANCIAL PRACTICES

Continues developing skills from Accounting Practices course. Instruction also includes bank accounts, cash funds, and methods of preparation for employee and employer payroll and business taxes. Prerequisite(s): MAT 092 or higher. Successful completion of MAP 171 and MAP 179. Co-requisites: MAP 173 and MAP 209.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3892	2 Cr	7:00PM-9:30PM	DAILY	11/12/19-12/10/19	21 111	Jones, Michel	HYBRID	

MAP 182 PATIENT RECEPTION AND LEGAL COMPONENTS

Emphasis on customer service within the health care field, focusing on effective communication with the patient while projecting and promoting a positive image of the profession and the office. This course also includes telephone techniques, patient scheduling, introduction to chart management, and business correspondence for the medical office, including cover letter and resume preparation. Define law and ethics relating to the health care field focusing on components specific to medical assistants. Prerequisite(s): Successful completion of CAH 102, CAH 105CL, COLL 102, and MAP 107. Co-requisites: MAP 184.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3802	4 Cr	8:00AM-11:00AM	TuWThF	09/24/19-11/05/19	21 108	Jones, Michel	HYBRID	FULL

MAP 184 MEDICAL RECORDS MANAGEMENT

Instruct and apply knowledge relating to medical records, including the creation, management, and legality of both the paper and electronic record, as well as filing systems utilized within the health care office. Focus will also include assisting patients in obtaining health and community services, as well as supplies and inventory control. Prerequisite(s): Successful completion of CAH 102, CAH 105CL, COLL 102, and MAP 107. Co-requisites: MAP 182.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3812	3 Cr	8:00AM-11:00AM	TuWThF	11/06/19-12/10/19	21 108	Jones, Michel	HYBRID	FULL

MAP 209 EXTERNSHIP PREPARATION I

Introduction of pharmacology math (with estimation components), administering oral and parental (intramuscular, subcutaneous, and intradermal) medications, performance of phlebotomy and microbiology while adhering to medical/surgical asepsis and universal/standard precautions. Also included are student demonstrations of patient flow and uploading immunizations into the college designated database. Prerequisite(s): Successful completion of MAP's 121, 124, 147, 146, 179, 171, 182, and 184. This course must be taken the quarter immediately prior to Quarter 5 courses. If more than one quarter passes before beginning Quarter 5, students will have to repeat this course. Co-requisites: MAP's 164, 166, 173, and 177.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
38C2	3 Cr	4:00PM-9:30PM	F	09/27/19-12/06/19	21 122	Yarbough, Kis	HYBRID	

MAP 212 EXTERNSHIP PREPARATION 2

Demonstrate competencies of skills acquired throughout the Medical Assistant Program. Each student will perform and must pass the following skills at a mastery level while adhering to standard precautions: medical/surgical asepsis, blood pressures, patient workups, growth charting, phlebotomy skills, urinalysis, hematocrit, blood glucose check, audio and visual exam, electrocardiogram, telephone techniques and appointment scheduling used within the medical office, computerized accounts payable/receivable, the electronic record, and chart management. Instruction will include caring for pediatric patients and geriatric patients. Prerequisite(s): Successful completion of MAP 164, MAP 166, MAP 173, MAP 177, and MAP 209. Successful completion of general education courses and compliance with the MAP immunization policy and personal health insurance policy. Co-requisites: MAP 215 & MAP 222

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3852	3 Cr	10:00AM-3:30PM	DAILY	09/23/19-10/03/19	21 122	Jones, Michel	HYBRID	

MAP 215 EXTERNSHIP

Capstone course gives students practical experiences in physician offices and/or clinics. Student must successfully pass MAP 212 in order to be eligible for this course. Co-requisites: MAP 212 and MAP 222.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3862	8 Cr	0:R M-0: M	DAILY	10/07/19-11/22/19	ARR	Jones, Michel	ENHANCED	

MAP 222 COMMUNITY EMPLOYMENT OPPORTUNITIES AND LOCATIONS

Locates the major medical employers (including hospitals) in the student's community, along with their human resources departments. This course also includes interviewing techniques, updating your resume, and methods of applying for employment through a variety of sources. Prerequisite(s): Successful completion of MAP 215. Co-requisites: MAP 212 and MAP 215.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3872	1 Cr	10:00AM-3:30PM	DAILY	12/02/19-12/06/19	21 111	Jones, Michel	HYBRID	

MEDICAL HISTOLOGY

HISTO 105 ORIENTATION TO HISTOLOGY LAB

Introduces laboratory and chemical safety as well as universal precautions. Covers basic overview of standard histology instrumentation, quality control procedures, specimen accessioning, record keeping, and documentation. Explores laboratory and personnel certification requirements. Prerequisites: Successful completion of BIOL 118, CHEM& 110, and ENGL& 101. "" GL& 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5602	2 Cr	7:00AM-3:00PM	TuWThF	09/23/19-10/01/19	21 232	Haggerty, Reb	ENHANCED	

HISTO 110 HISTO TECHNOLOGY I

Explores the theory and principles of fixation, processing, embedding, sectioning, and coverslipping of tissue sections. Prerequisites: Successful completion of BIOL 118, CHEM& 110, and ENGL& 101. "" GL& 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5612	10 Cr	7:00AM-3:00PM	TuWThF	10/02/19-12/11/19	21 232	Haggerty, Reb	ENHANCED	

HISTO 115 HISTO TECHNOLOGY LAB I

Explores work in a simulated histology laboratory located on the campus. During this course, students will have hands-on training in basic grossing techniques, as well as in-depth training in processing, embedding, and cutting of tissue sections. Students will also learn to identify basic tissue structures using a light microscope. "" Co-requisites: HISTO 110.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5622	5 Cr	7:00AM-3:00PM	DAILY	10/02/19-12/11/19	21 232	Haggerty, Reb	ENHANCED	

MEDICAL LABORATORY TECHNICIAN**MLT 220 CLINICAL BLOOD BANKING**

Experience a mock clinical training rotation in blood banking under the direction of a currently practicing blood banking specialist. Building on the procedures mastered in MLT 215, students will solve real-world blood banking problems, including identification of antibodies. Students will deal with daily inventory and temperature record-keeping, perform quality assurance procedures, and receive and complete stat orders. This course is offered fall quarter. Prerequisite(s): Successful completion of MLT 215.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4832	6 Cr	8:30AM-3:30PM	DAILY	09/23/19-10/04/19	21 222	Colon Gabriele	HYBRID	

MLT 228 CLINICAL CHEMISTRY

Beginning with an overview of the digestive system, students will study the relationship between blood levels of many substances and normal-versus-abnormal physiology. In the student laboratory, students will perform manual and semi-automated procedures for the assay of commonly measured blood components. Preventative maintenance of instruments, troubleshooting, and quality assurance are stressed throughout the course. This course is offered summer quarter. Prerequisite(s): Successful completion of MLT 211.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4812	7 Cr	8:30AM-3:30PM	DAILY	10/07/19-10/25/19	21 222	Colon Gabriele	HYBRID	

MLT 233 CLINICAL EXPERIENCE I

This course begins the clinical phase of training in an affiliated laboratory. During this course, students will complete eight weeks of the experience (either five eight-hour days each week or four nine-hour days each week). Some clinical sites may assign 1-2 weeks of either swing or night shift as part of the clinical phase. In the next courses (MLT 237 and 239), they will continue training for eleven more weeks. Over the course of approximately 19-20 weeks of clinical training,

students will rotate through all departments and perform current routine procedures by state-of-the-art methodologies. Appropriate amounts of time are spent working in each particular discipline; to accomplish this, some students rotate through two or three different laboratories. Staff of the affiliated laboratory directly supervise students; there is ongoing contact with the instructor in the form of monthly site visits and Wednesday afternoon class sessions. A report of 'No Record On File' related to crimes against persons from a background check is required for participation in this training. This course is offered fall quarter. Prerequisite(s): Successful completion of MLT 220.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4822	10 Cr	8:30AM-3:30PM	DAILY	10/28/19-12/11/19	21 222	Colon Gabrie	HYBRID	

NON DESTRUCTIVE TESTING

NDT 108 INTRODUCTION TO NDT

Provides an overview of terms, definitions, and method overview of nondestructive testing. Methods include: eddy current liquid penetrant, magnetic particle, radiography, and ultrasonic testing.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0972	5 Cr	8:00AM-12:30PM	DAILY	09/23/19-12/11/19	24 121	Gilmore, Mich	HYBRID	

NDT 113 MATERIALS AND PROCESS FOR NDT 1

Explores the properties of materials, both metals and non-metals, and their applications in design and manufacturing. Introduction to Lean Concepts and applications.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0982	5 Cr	8:00AM-12:30PM	DAILY	09/23/19-12/11/19	24 121	Gilmore, Mich	HYBRID	

NDT 120 VISUAL AND OPTICAL TESTING

Students will learn to detect various discontinuances related to power plant industry, structural steel fabrication and construction industry aerospace industry, petro-chemical industry and manufacturing processes.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
09A2	5 Cr	9:00AM-1:00PM	DAILY	09/23/19-12/11/19	24 113	Evans, Dougla	HYBRID	

NDT 121 MATERIALS AND PROCESS FOR NDT II

Learn the major manufacturing processes used to fabricate parts, their possible discontinuities, and how to choose the appropriate NDT methods to inspect them.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0992	5 Cr	8:00AM-12:30PM	DAILY	09/23/19-12/11/19	24 121	Gilmore, Mich	HYBRID	

NDT 125 MAGNETIC PARTICLE TESTING

Learn proper magnetization techniques, evaluate indications, interpret accept/reject standards, and implement quality control techniques. Students develop and write procedures and inspect welds, castings, and machined components. The course includes extensive hands-on training in the magnetic particle lab.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
09B2	5 Cr	9:00AM-1:00PM	DAILY	09/23/19-12/11/19	24 113	Evans, Dougla	HYBRID	

NDT 130 LIQUID PENETRANT TESTING

Covers principles and practices of liquid penetrant inspection. Learn why and when to use various types of penetrant materials, and the proper techniques necessary for reliable inspection. The course addresses the evaluation of liquid penetrant indications, interpreting standards and specifications, and checking penetrant system quality. Students review

fundamental liquid penetrant principles and techniques, develop and write procedures, and inspect welds, castings, forgings, and machined components. Parts are evaluated according to relevant codes and/or standards.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
09C2	5 Cr	9:00AM-1:00PM	DAILY	09/23/19-12/11/19	24 113	Evans, Dougla	HYBRID	

NDT 160 RADIOGRAPHIC TESTING I

Introduces radiographic principals, terms, definitions, and basic theory. Basics covered give an understanding of how an X-ray tube generates X-radiation and how the use of radiation will provide a finished product. Explores basic use of X-ray film, film speed, and film processing. Introduction to finished film quality and interpretation. Introduction to procedures using radiographic standards and codes. Introduces film interpretation for welds, castings, and nonmetallic materials, teaching accept-reject criteria.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
09D2	5 Cr	8:00AM-12:30PM	DAILY	09/23/19-12/11/19	24 113	Balke, John	HYBRID	

NDT 185 PHYSICS FOR NDT PROFESSIONALS

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
09H2	5 Cr	1:45PM-4:15PM	MTu	09/23/19-12/11/19	24 113	Thompson, Jef	HYBRID	

NDT 190 RADIOGRAPHIC TESTING II

Covers radiographic techniques commonly used in industrial testing. The student will make radiographs using X-ray machines and Iridium 192 isotope sources. Focuses on the safety aspect of working with radioisotopes and equipment used in isotope radiography.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
09F2	5 Cr	8:00AM-12:30PM	DAILY	09/23/19-12/11/19	24 113	Balke, John	HYBRID	

NDT 230 RADIOGRAPHIC TESTING III

Covers radiographic techniques used by the American Society of Mechanical Engineers, American Welding Society Structural Welding Code, American Petroleum Institute, and other codes used in industry. The student will do radiographic inspection and evaluation to each code, computer enhanced real-time radiography, and Cobalt 60 isotope radiography.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
09G2	5 Cr	8:00AM-12:30PM	DAILY	09/23/19-12/11/19	24 113	Balke, John	HYBRID	

NDT 240 CAPSTONE PROJECT

Designed to synthesize and integrate the knowledge gained in all previous courses and demonstrate the application of theory and practice through a project.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
09J2	3 Cr	0:R M-0: M	DAILY	09/23/19-12/11/19	24 113	Balke, John	HYBRID	

NDT 250 NDT INTERNSHIP

Provides on-the-job practical experience under the supervision of an employer. Instructor permission is required for the site choice. Prerequisite: Advanced standing and Instructor's permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
09K2	Var	0:R M-0: M	DAILY	09/23/19-12/11/19	24 113	Balke, John	HYBRID	

NURSING ASSISTANT

NAC 108 NURSING ASSISTANT THEORY

The Nursing Assistant Certified program prepares students to take the state examination for nursing assistant certification licensure. All three courses in the program must be successfully completed for students to be eligible to take the state examination. This course provides an introduction to the role and responsibilities of being a nursing assistant and meets the theory requirements for Washington State Nursing Assistant training. Prerequisite(s): Ability to lift up to 50 pounds.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
NS02	5 Cr	8:00AM-2:30PM	TuWTh	09/23/19-10/11/19	21 211	Delbridge, K		
NS42	5 Cr	1:45PM-5:30PM	MTuWTh	09/23/19-12/11/19	21 211	Staff		
NST2	5 Cr	5:00PM-9:00PM	MTuWTh	09/23/19-12/11/19	21 210	Mensonides, S		

NAC 111 NURSING SKILL FUNDAMENTALS

This course covers instruction and practice of nursing assistant skills. Students will not be allowed to participate in the final skills exam unless attendance for all clinical hours has been fulfilled. Prerequisite(s): Documentation of required immunizations, ability to lift up to 50 pounds, and 'No Record On File' from the Washington State Patrol and DSHS. Successful completion of NAC 108.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
NS52	2 Cr	1:45PM-5:30PM	MTuWTh	09/23/19-12/11/19	21 211	Staff		
NSF2	2 Cr	5:00PM-9:00PM	MTuWTh	09/23/19-12/11/19	21 210	Mensonides, S		
NS12	2 Cr	ARRANGED	ARRANGED	10/14/19-12/11/19	21 137	Delbridge, K		
NS22	2 Cr	ARRANGED	ARRANGED	10/14/19-12/11/19	21 137	Delbridge, K		

NAC 114 UNIT BASED CLINICAL EXPERIENCE

This course includes clinical experience in a long-term facility under the supervision of an instructor. Prerequisite(s): Documentations of required immunizations, ability to lift up to 50 pounds. Students must have 'No Record On File' related to crimes against children or vulnerable adults from the Washington State Patrol and DSHS. Successful completion of NAC 111.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
NS32	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Delbridge, K		
NS62	2 Cr	1:45PM-5:30PM	MTuWTh	09/23/19-12/11/19	21 211	Staff		
NSC2	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARRARR	Mensonides, S		

NURSING ASSISTANT I-BEST

NAC 108 NURSING ASSISTANT THEORY

The Nursing Assistant Certified program prepares students to take the state examination for nursing assistant certification licensure. All three courses in the program must be successfully completed for students to be eligible to take the state examination. This course provides an introduction to the role and responsibilities of being a nursing assistant and meets the theory requirements for Washington State Nursing Assistant training. Prerequisite(s): Ability to lift up to 50 pounds.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
NS02	5 Cr	8:00AM-2:30PM	TuWTh	09/23/19-10/11/19	21 211	Delbridge, K		
NS42	5 Cr	1:45PM-5:30PM	MTuWTh	09/23/19-12/11/19	21 211	Staff		
NST2	5 Cr	5:00PM-9:00PM	MTuWTh	09/23/19-12/11/19	21 210	Mensonides, S		

NAC 111 NURSING SKILL FUNDAMENTALS

This course covers instruction and practice of nursing assistant skills. Students will not be allowed to participate in the final skills exam unless attendance for all clinical hours has been fulfilled. Prerequisite(s): Documentation of required immunizations, ability to lift up to 50 pounds, and 'No Record On File' from the Washington State Patrol and DSHS. Successful completion of NAC 108.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
NS52	2 Cr	1:45PM-5:30PM	MTuWTh	09/23/19-12/11/19	21 211	Staff		
NSF2	2 Cr	5:00PM-9:00PM	MTuWTh	09/23/19-12/11/19	21 210	Mensonides, S		
NS12	2 Cr	ARRANGED	ARRANGED	10/14/19-12/11/19	21 137	Delbridge, K		
NS22	2 Cr	ARRANGED	ARRANGED	10/14/19-12/11/19	21 137	Delbridge, K		

NAC 114 UNIT BASED CLINICAL EXPERIENCE

This course includes clinical experience in a long-term facility under the supervision of an instructor. Prerequisite(s): Documentations of required immunizations, ability to lift up to 50 pounds. Students must have 'No Record On File' related to crimes against children or vulnerable adults from the Washington State Patrol and DSHS. Successful completion of NAC 111.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
NS32	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Delbridge, K		
NS62	2 Cr	1:45PM-5:30PM	MTuWTh	09/23/19-12/11/19	21 211	Staff		
NSC2	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARRARR	Mensonides, S		

NURSING PRACTICAL-NURSING**NURS 117 FUNDAMENTALS OF NURSING**

Explores the health care system and the profession of nursing, with emphasis on care with a diverse population of clients. Introduces the beginning practical nurse student to essential nursing concepts, such as therapeutic communication, infection control, patient safety, patient education, evidence-based practice, scope of practice, legal and ethical issues, principles of caring, promotion of comfort, and the nursing process. Prerequisite(s): Admission to Practical Nursing program.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8002	4 Cr	7:30AM-11:30AM	M	09/23/19-12/09/19	21 210	Hernandez, Ka	HYBRID	

NURS 120 MEDICAL-SURGICAL NURSING I

Focuses on the use of the nursing process in care of clients with selected health disturbances. Emphasis is given to psychological, sociocultural, and developmental factors. Nursing interventions, pharmacological considerations, and client teaching are integrated. Prerequisite(s): Admission to Practical Nursing program.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8012	3 Cr	12:00PM-3:00PM	Tu	09/24/19-12/10/19	21 210	Dadashova, Ir	HYBRID	

NURS 121 NURSING CLINICAL SKILLS & DATA COLLECTION I

Students will demonstrate competence in selected nursing skills using simulation equipment and other nursing students as clients. Prerequisite(s): Admission to Practical Nursing program.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8022	6 Cr	8:00AM-11:00AM	Tu	09/24/19-12/10/19	21 210	Hernandez, Ka	HYBRID	

NURS 124 MENTAL HEALTH NURSING

Focuses on the continuum between mental health and illness and the therapeutic nurse-client relationship. Selected mental disorders will be discussed, with emphasis on nursing interventions, common interdisciplinary treatments, and services available for clients in inpatient and outpatient settings. Prerequisite(s): Admission to Practical Nursing program.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8032	3 Cr	8:00AM-11:00AM	F	09/27/19-12/06/19	21 210	Carver, Rober	HYBRID	

NURS 133 MEDICAL-SURGICAL NURSING III

Focuses on the use of the nursing process in care of clients with selected health disturbances. Emphasis is given to psychological, sociocultural, and developmental factors. Pharmacologic and nutritional considerations and client teaching are integrated. Prerequisite(s): Successful completion of NURS 125, NURS 126, NURS 130, and NURS 131.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8042	4 Cr	12:30PM-4:30PM	M	09/23/19-12/09/19	21 211	Dadashova, Ir	HYBRID	

NURS 140 MATERNITY & PEDIATRIC NURSING

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8052	3 Cr	8:30AM-11:30AM	M	09/23/19-12/09/19	21 211	Ovechka, Soph	HYBRID	

NURS 145 MEDICAL-SURGICAL NURSING IV

Using a physiological systems approach, this class focuses on implementation of the nursing process in care of a diverse population of clients with health disturbances. Prerequisite(s): Successful completion of NURS 128, NURS 133, NURS 149, and NURS 153.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8062	4 Cr	12:30PM-4:30PM	M	09/23/19-12/09/19	21 108	Hernandez, Ka	HYBRID	

NURS 149 CLINICAL PRACTICUM I

Provides an opportunity for students to provide care to clients in long-term care, acute, and community settings. Experience involves direct client care, nursing procedures, and administration of medications to diverse clients of every stage of life. Focuses on safe nursing practice, nursing process, communication, documentation, and client teaching. Prerequisite(s): Successful completion of NURS 125, NURS 126, NURS 130, and NURS 131.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8072	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Rose-Bungay	HYBRID	

NURS 153 CLINICAL PRACTICUM II

Provides an opportunity for students to provide care to clients in long-term care, acute, and community settings. Experience involves direct client care, nursing procedures, and administration of medications to diverse clients of every stage of life. Focuses on safe nursing practice, nursing process, communication, documentation, and client teaching. Prerequisite(s): Successful completion of NURS 125, NURS 126, NURS 130, and NURS 131.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8082	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Rose-Bungay	HYBRID	

NURS 154 ISSUES & TRENDS IN NURSING II

Prepares students for entry into nursing practice. Emphasis is on concepts of leadership, role of the practical nurse, and nursing laws governing practice. Career opportunities, preparation for licensure, and opportunities for further education in nursing are explored. Prerequisite(s): Successful completion of NURS 133, NURS 149 and NURS 153.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8092	2 Cr	9:00AM-11:00AM	M	09/23/19-12/09/19	21 108	Rose-Bungay	HYBRID	

NURS 161 CLINICAL PRACTICUM III

Provides an opportunity for students to provide care to clients in long-term care and acute and community settings. Experience involves direct client care, nursing procedures, and administration of medication to diverse clients of every stage of life. Focus is on safe nursing practices, nursing process, communication, and practice in providing complete care for two or more clients. Prerequisite(s): Successful completion of NURS 133, NURS 149 and NURS 153.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
80A2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Rose-Bungay	HYBRID	

NURS 164 CLINICAL PRACTICUM IV

Provides an opportunity for students to provide care to clients in long-term care and acute and community settings. Experience involves direct client care, nursing procedures, and administration of medication to diverse clients of every stage of life. Focus is on safe nursing practices, nursing process, communication, and practice in providing complete care for two or more clients. Prerequisite(s): Successful completion of NURS 133, NURS 149 and NURS 153.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
80B2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Rose-Bungay	HYBRID	

NUTRITION**NUTR& 101 NUTRITION**

An exploration of macronutrients (carbohydrates, proteins, and fats) and micronutrients (vitamins and minerals) and their role in growth, development, and optimal health throughout the lifespan. A study in the anatomy and physiology of the gastrointestinal tract and its relation to digestion, absorption, and metabolism of nutrients will be completed. Students will explore the role of nutrition in preventing nutrition-related diseases. A healthy dietary plan will be developed to assist students in making healthy changes in their nutritional status for themselves and other members of their community. Prerequisite(s): Successful completion of ENGL& 101.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0553	5 Cr	12:00PM-2:30PM	F	09/27/19-12/06/19	21 107	Scott, Patric	HYBRID	FULL
0570	5 Cr	3:00PM-5:30PM	F	09/27/19-12/06/19	21 107	Scott, Patric	HYBRID	

OPERATIONS MANAGEMENT**BUS 310 PROJECT MANAGEMENT****LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA52	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 122	Albers, John	HYBRID	

OPM 312 FORCASTING AND SYSTEM DESIGN**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA02	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 122	Ostadfar, Ali	HYBRID	

OPM 411 FACILITY LAYOUT AND MATERIALS HANDLING**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA32	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	19 122	Ostadfar, Ali	HYBRID	

PASTRY ARTS

BAKE 106 CHOCOLATE I

Explores the different types of chocolate used in making assorted treats, candies, and garnishes. Various methods of tempering, chocolate decorating, fudges, truffles, and other candies will be identified.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3532	4 Cr	7:00AM-10:00AM	TuTh	09/24/19-12/10/19	23 313	Newman, Shell		FULL

BAKE 110 PATISSERIE I

Provides students with the opportunity to attain fundamental cooking, time management, and production competencies in the program-run bistro. These include making scones, muffins, and cookies; demonstrating how to read, write and follow a standard recipe; and understanding the basic principles of various cooking methods. Students will uphold a high level of professionalism. Instructor permission required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3502	7 Cr	6:00AM-2:30PM	TuWThF	09/24/19-12/11/19	23 313	Newman, Shell		

BAKE 115 PATISSERIE II

Provides students with the opportunity to refine fundamental cooking, time-management and production competencies in the program-run bistro. These include making scones, muffins, cookies, and cake; demonstrating how to read, write, and follow a standard recipe; and understanding the basic principles of various cooking methods. Students will uphold a high level of professionalism.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3512	7 Cr	6:00AM-2:30PM	TuWThF	09/24/19-12/11/19	23 313	Newman, Shell		

BAKE 117 FROZEN DESSERTS

Explores the world of frozen desserts. Students will develop recipes for various frozen desserts, such as gelato, sorbets, parfaits, and ice creams, along with savory desserts with the use of herbs, spices, and vegetables.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3542	3 Cr	10:00AM-12:00PM	TuTh	09/24/19-12/10/19	23 313	Newman, Shell		FULL

BAKE 119 YEAST BREADS

Introduces students to the techniques used with starters and yeasts. Students will demonstrate how to cultivate yeast with proper proofing and baking techniques, along with completing a variety of yeast breads.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3552	4 Cr	7:00AM-10:00AM	WF	09/25/19-12/11/19	23 313	Newman, Shell		FULL

BAKE 121 PATISSERIE III

Introduces students to the experience of managing, training, and mentoring fellow classmates. Provides students with the opportunity to further refine fundamental cooking, time-management and production competencies in the program-run bistro. These include making scones, muffins, cookies, and cake; demonstrating how to read, write, and follow a standard recipe; and understanding the basic principles of various cooking methods. Students will uphold a high level of professionalism. Instructor permission required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3522	7 Cr	6:00AM-2:30PM	TuWThF	09/24/19-12/11/19	23 313	Newman, Shell		

BAKE 162 RETAIL AND CUSTOMER SERVICE

Familiarizes students with all aspects of retail service, cashiering and retail displays. Included are opening/closing procedures, retail layout and presentation, customer service, leadership, sanitation and safety, proper cash handling, and sales techniques. Instructor permission required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3572	7 Cr	9:00AM-1:45PM	WThF	09/24/19-12/11/19	23 BSTR	Newman, Shell		

BAKE 210 CAKES II

Introduces students to advanced cakes, such as high ratio, chiffon cakes, and torts, along with buttercream icings and fondant. Temperature and environmental factors in cake making will also be covered.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3562	3 Cr	10:00AM-1:00PM	WF	09/25/19-12/11/19	23 313	Newman, Shell		FULL

PHARMACY TECHNICIAN

PT 122 GENERIC DRUG NAMES PART I**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2732	2 Cr	10:00AM-10:30AM	M	09/23/19-12/09/19	21 226	Autry, Trisha		

PT 127 PHARMACY LAB #1

Prescription filling with counting, keyboarding, packaging, stocking, and labeling will be covered. Emphasis will be on nonsterile compounding following USP 795 guidelines. Prerequisite(s): High school diploma or high school equivalency diploma. Ability to speak, read, and write the English language. Successful completion of a college-level math course within the last 5 years (unless they hold a bachelor's degree, then the 5-year rule does not apply), CAH 105 Computer Applications or equivalent, and a 5-credit Medical Terminology course. All courses required for certificate or degree must be completed with a grade of 'B' or better.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2752	2 Cr	10:00AM-2:30PM	W	09/25/19-12/11/19	21 226	Lalli, Jillia		

PT 133 PHARMACEUTICAL CALCULATIONS**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2722	3 Cr	11:00AM-12:00PM	MTu	09/23/19-12/10/19	21 226	Autry, Trisha		

PT 136 PHARMACOLOGY PART II**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2742	5 Cr	10:00AM-11:00AM	MTu	09/23/19-12/10/19	21 226	Autry, Trisha		

PT 163 COMMUNITY PHARMACY CLINICAL CAPSTONE

Provides 5 ' weeks of clinical training in a community pharmacy. Students will put into practice skills learned in the classroom by arranging an internship with a community pharmacy. Students and faculty collaborate in arranging community practice sites. Students are directly supervised by a pharmacist preceptor and their staff, with ongoing contact with the instructor in the form of site visits and seminars. Prerequisite(s): Successful completion of all in-class pharmacy technician courses (PT 121, PT 123, PT 125, PT 127, PT 132, PT 135, PT 148, and PT 154), with grades of 'B' or above in all courses.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2702	7 Cr	ARRANGED	ARRANGED	09/23/19-12/09/19	21 226	Autry, Trisha	ENHANCED	

PT 165 INSTITUTIONAL CLINICAL CAPSTONE

Students will spend five-and-a-half weeks in an institutional pharmacy setting. While in this capstone experience, students will perform the duties of an institutional pharmacy technician under the direct supervision of a pharmacist preceptor. There will be ongoing contact with the instructor in the form of site visits and seminars. Prerequisite(s): Successful completion of all in-class pharmacy technician courses (PT 121, PT 123, PT 125, PT 127, PT 132, PT 135, PT 148, and PT 154), with grades of 'B' or above in all courses.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2712	7 Cr	ARRANGED	ARRANGED	09/23/19-12/09/19	31 226	Lalli, Jillia	ENHANCED	

PHILOSOPHY

POLITICAL SCIENCE

POLS 180 CRITICAL ISSUES IN WORLD POLITICS

Examination of enduring political issues, as well as political processes and institutions. Special emphasis is placed on studying some of the most pressing international issues facing the world today including war, global power shifts, democracy promotion, intervention, development, non-state actors such as multinational corporations and terrorist groups, security, and global issues. Prerequisite: ENGL 94 or appropriate placement.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0573	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Harrington, J	HYBRID	

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0572	5 Cr	8:30AM-10:15AM	TuTh	09/24/19-12/10/19	SHC107	Harrington, J	ONLINE	

POLS& 202 AMERICAN GOVERNMENT

A survey of the structure and process of American politics and government, including the structure and function of the executive, legislative, and judicial branches, and the American political party system. Special emphasis is placed on the relationship between political culture, thought, institutions, and the debate over public policy. Prerequisite: ENGL 94 or appropriate placement.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0571	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Harrington, J	HYBRID	

PROFESSIONAL PILOT

AVP 105 PRIVATE PILOT I

Training in basic aircraft control, aircraft systems, airport procedures, and traffic pattern operations. Prerequisite(s): FAA Class II Medical with Student Pilot Certificate prior to the first day of class. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5102	4 Cr	12:00PM-3:00PM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED FULL	

AVP 110 PRIVATE PILOT II

Covers aircraft control, establishing and maintaining specific flight attitudes, and ground reference maneuvers.

Prerequisite(s): Successful completion of AVP 105 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5112	4 Cr	12:00PM-3:00PM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	FULL

AVP 115 PRIVATE PILOT III

Basic performance maneuvers, traffic pattern procedures, and takeoffs and landings. Upon successful completion, students will solo the aircraft. Prerequisite(s): Successful completion of AVP 110 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5122	4 Cr	12:00PM-3:00PM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	FULL

AVP 118 PRIVATE PILOT PRACTICAL TEST STANDARDS I

Receive additional flight and ground training as required to meet pilot certification requirements. Prerequisite(s): Solo endorsement and completion of a solo flight. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5132	4 Cr	12:00PM-3:00PM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 125 PRIVATE PILOT IV

Introduces knowledge, skills and aeronautical experience necessary to successfully complete the navigation and cross-country flight portion of flight training. Prerequisite(s): Grade of 'C' or better in AVP 115 or equivalent. Pre-solo written exam must be completed with a passing grade. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5142	4 Cr	12:00PM-3:00PM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 130 PRIVATE PILOT V

Provides the knowledge, skill, and aeronautical experience necessary to read and understand disseminated weather reports and forecasts. Meets the requirements for cross-country navigation and basic instrument flight. Prerequisite(s): Successful completion of AVP 125 or equivalent. Pre-solo written exam must be completed with a passing grade. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5152	4 Cr	12:00PM-3:00PM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 135 PRIVATE PILOT VI

Gain the proficiency to meet the requirements necessary for FAA Private Pilot Certification with an Airplane Category and Single-Engine Class Rating. Prerequisite(s): Successful completion of AVP 130 or equivalent. Pre-solo written exam must be completed with a passing grade. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5162	4 Cr	12:00PM-3:00PM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 138 PRIVATE PILOT PRACTICAL TEST STANDARDS II

Receive additional flight and ground training as required to meet pilot certification requirements. Prerequisite(s): Solo endorsement and completion of a solo flight. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5172	4 Cr	12:00PM-3:00PM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 140 INSTRUMENT PILOT I

Introduces skills that will establish a strong foundation in basic attitude instrument flying and basic instrument navigation. Prerequisite(s): FAA Private Pilot Certificate. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5182	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 145 INSTRUMENT PILOT II

AVP 145 INSTRUMENT PILOT II 4CR Perform precision attitude instrument flight, including advanced navigation techniques and procedures. Prerequisite(s): Successful completion of AVP 140 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5192	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 150 INSTRUMENT PILOT III

Apply advanced navigation techniques and perform holding pattern entry procedures. Prerequisite(s): Successful completion of AVP 145 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51A2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 152 INSTRUMENT PILOT PRACTICE III

Receive additional flight and ground training as required to meet pilot certification requirements. Prerequisite(s): Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51B2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 155 INSTRUMENT PILOT IV

Perform holding patterns and instrument approach procedures. Prerequisite(s): Grade of 'C' or better in AVP 150 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51C2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 160 INSTRUMENT PILOT V

Perform cross-country flight using advanced navigation procedures. Use ATC communication procedures and conduct instrument departures, arrivals, and approaches. Prerequisite(s): Successful completion of AVP 155 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51D2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 170 INSTRUMENT PILOT VI

Acquire the flight and aeronautical knowledge proficiency required for the issuance of the FAA Instrument-Airplane Rating. Prerequisite(s): Successful completion of AVP 160 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51F2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 172 INSTRUMENT PILOT PRACTICAL STANDARDS IV

Receive additional flight and ground training as required to meet pilot certification requirements. Prerequisite(s): Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51G2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 175 COMMERCIAL PILOT I

Acquire initial VFR cross-country flight training. Pilotage, dead-reckoning, and radio navigation will be covered. Prerequisite(s): FAA Private Pilot Certificate, Instrument-Airplane Rating. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51H2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 180 COMMERCIAL PILOT II

Receive additional VFR cross-country flight training. Additional flight training will encompass mountain flying techniques and local night flight operations. Prerequisite(s): Successful completion of AVP 175 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51J2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 185 COMMERCIAL PILOT III

Receive final training in VFR cross-country flight and night operations. The cross-country flight hours required for Commercial Pilot Certification will be completed. Prerequisite(s): Successful completion of AVP 180 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51K2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 190 AIRLINE MULTI-ENGINE CRM I

Update your knowledge and skills in multi-engine and advanced avionics operations, systems, performance, instrument, and airline crew operations. Operate a multi-engine aircraft as a crew and log no less than 10 hours of multi-engine Pilot in Command time. Prerequisite(s): Must be at least 18 years of age and be able to read, speak, write, and understand the English language. Must comply with FAA licensing standards and possess an FAA Commercial multi-engine Certificate. Second-class FAA medical certificate required prior to the first day of class. Please contact instructor for details. Must have instructor permission.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51AA	3 Cr	0:R M-0: M	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 195 AIRLINE MULTI-ENGINE CRM II

Update your knowledge and skills in multi-engine and advanced avionics operations, systems, performance, instrument, and airline crew operations. Operate a multi-engine aircraft as a crew and log no less than 20 hours of multi-engine Pilot in Command time. Prerequisite(s): Must be at least 18 years of age and be able to read, speak, write, and understand the English language. Must comply with FAA licensing standards and possess an FAA Commercial multi-engine Certificate. Second-class FAA medical certificate required prior to the first day of class. Please contact instructor for details. Must have instructor permission.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51AB	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 210 COMMERCIAL PILOT IV

Receive initial flight and ground training in high-performance Commercial Pilot Certification maneuvers. Flight maneuver training includes chandelles, lazy eights, steep power turns, and accuracy landings. Prerequisite(s): Grade of 'C' or better in AVP 185 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51L2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 215 COMMERCIAL PILOT V

Gain additional aeronautical knowledge and flying skills necessary for advanced precision flight maneuvers.

Prerequisite(s): Successful completion of AVP 210 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51M2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 218 MULTI-ENGINE INSTRUCTOR CERTIFICATION MEI

Obtain and/or update knowledge and skills to meet Federal Aviation Administration multi-engine instructor requirements. Multi-engine operations, systems, performance, instrument, and aerodynamics will be examined. Emergency operations, including engine-out performance, aerodynamics, decision making, and instrument flight, will be studied. Prerequisite(s): Must be at least 18 years of age and be able to read, speak, write, and understand the English language. Must comply with FAA licensing standards and possess an FAA private pilot certificate. Second-class FAA medical certificate required prior to the first day of class. Please contact instructor for details. The Transportation Security Administration (TSA) requires that U.S. citizens prove citizenship status before beginning flight training by providing a current passport or birth certificate and driver's license. Non-U.S. students must submit to a background and fingerprint check from the TSA prior to beginning training. Contact instructor for details. Must have instructor permission.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51AD	3 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 220 COMMERCIAL PILOT VI

Receive advanced training in all the required Commercial Pilot Certification maneuvers. Flying proficiency in these maneuvers will meet the requirements set forth in the FAA Practical Test Standards. Prerequisite(s): Successful completion of AVP 215 or equivalent.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51N2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 223 COMMERCIAL PILOT PRACTICAL STANDARDS V

Receive additional flight and ground training as required to meet pilot certification requirements. Prerequisite(s): Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51P2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 230 COMMERCIAL PILOT VII

Operate a high-performance aircraft with retractable landing gear and constant-speed propeller. Basic flight maneuvers and aircraft systems will be covered. Prerequisite(s): Grade of 'C' or better in AVP 220 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51Q2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 235 COMMERCIAL PILOT VIII

Operate a high-performance aircraft with retractable landing gear and constant-speed propeller. Advanced flight maneuvers, as well as emergency procedures, will be mastered. Prerequisite(s): Successful completion of AVP 230 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51R2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 240 COMMERCIAL PILOT IX

Operate a high-performance aircraft with retractable landing gear and constant-speed propeller. Increase proficiency in

advance flight maneuvers and emergency procedures. Obtain logbook endorsement for the operation of High Performance Airplanes. Prerequisite(s): Successful completion of AVP 235 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51S2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 245 COMMERCIAL PILOT X

Receive initial preparative training to increase aeronautical skills and experience to meet the requirements for the issuance of a Commercial Pilot Certificate. Prerequisite(s): Grade of 'C' or better in AVP 240 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51T2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 250 COMMERCIAL PILOT XI

Receive additional preparative training to increase aeronautical skills and experience to meet the requirements for the issuance of a Commercial Pilot Certificate. Prerequisite(s): Successful completion of AVP 245 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51U2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 255 COMMERCIAL PILOT XII

Receive final advanced preparative training to increase aeronautical skills and experience to meet the requirements for the issuance of a Commercial Pilot Certificate. Prerequisite(s): AVP 250 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51V2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 257 COMMERCIAL PILOT PRACTICAL STANDARDS VI

Receive additional flight and ground training as required to meet pilot certification requirements. Prerequisite(s): Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51W2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 260 CERTIFIED FLIGHT INSTRUCTOR I

Receive initial training in teaching and learning theory, as well as overall review of commercial pilot aeronautical knowledge subject areas. Student will be trained to fly the aircraft from the right seat to Commercial Pilot Practical Test Standards. Prerequisite(s): FAA Commercial Pilot, Airplane Certificate and Instrument Airplane Rating. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51X2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars		

AVP 265 CERTIFIED FLIGHT INSTRUCTOR II

Master proper teaching techniques from the right seat of the training aircraft. Develop proficiency in conducting aeronautical knowledge briefings. Successful completion will result when knowledge and proficiency meet and/or exceed FAA Practical Test Standards. Prerequisite(s): Successful completion of AVP 260 or equivalent. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51Y2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 268 INSTRUMENT FLIGHT INSTRUCTOR

Acquire the aeronautical knowledge, skills, and experience necessary to obtain an FAA Instrument Flight Instructor Rating added to student's Certified Flight Instructor Certificate. Prerequisite(s): FAA Commercial Pilot Airplane Certificate with Instrument Airplane Rating Certified Flight Instructor-Airplane Certificate. Instructor permission only.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51Z2	4 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

AVP 271 MULTI-ENGINE CERTIFICATION

Obtain and/or update their knowledge and skills to meet Federal Aviation Administration multi-engine requirements. Multi-engine operations, systems, performance, instrument, and aerodynamics will be examined. Emergency operations, including engine-out performance, aerodynamics, decision-making, and instrument flight, will be studied. Prerequisite(s): Must be at least 18 years of age and be able to read, speak, write, and understand the English language. Must comply with FAA licensing standards and possess an FAA private pilot certificate and Instrument rating. Second-class FAA medical certificate required prior to the first day of class. Please contact instructor for details. The Transportation Security Administration (TSA) requires that U.S. citizens prove citizenship status before beginning flight training by providing a current passport or birth certificate and driver's license. Non-U.S. students must submit to a background and fingerprint check from the TSA prior to beginning training. Contact instructor for details. Must have instructor permission.

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
51AC	3 Cr	8:00AM-11:00AM	DAILY	09/23/19-12/11/19	SHC105	Collins, Mars	ENHANCED	

PSYCHOLOGY

PSY 112 PSYCHOLOGY OF THE WORKPLACE

Introduces general psychological principles and their application to the workplace emphasizing critical thinking with regard to self-awareness, interpersonal relations, motivation, and teamwork. PREREQUISITE: COMPASS Reading Score of at least 81, equivalent SLEP score or successful completion of ENG 094.

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0555	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Wheeler, Mike	ONLINE	

PSYC& 100 GENERAL PSYCHOLOGY

Surveys the knowledge and methods of the discipline of psychology. Presents a broad view of this subject and establishes the foundation for further study of the discipline. Emphasis will be placed on applying psychological knowledge to daily situations and on accessing and assessing information about behavior from a variety of sources. Skills in scientific reasoning and critical thinking will be developed. Prerequisite(s): Appropriate Accuplacer reading/writing combined score of 277 or equivalent or successful completion of ENG 094.

LAKESWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0556	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Wheeler, Mike		FULL
0557	5 Cr	8:00AM-8:50AM	MTuW	09/23/19-12/11/19	16 203	Wheeler, Mike	HYBRID	
0558	5 Cr	11:00AM-11:50AM	MTuW	09/23/19-12/11/19	16 203	Wheeler, Mike	HYBRID	
0559	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Wheeler, Mike	ONLINE	FULL
0561	5 Cr	9:00AM-9:50AM	DAILY	09/23/19-12/11/19	16 203	Van Beek, Car	HYBRID	FULL
0563	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Van Beek, Car	ONLINE	FULL

PUYALLUP CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0560	5 Cr	1:00PM-2:45PM	MW	09/23/19-12/11/19	SHC115	Baylor, James	HYBRID	
0562	5 Cr	9:45AM-11:45AM	MW	09/23/19-12/11/19	SHC107	Baylor, James	HYBRID	

PSYC& 200 LIFESPAN PSYCHOLOGY

Introduces the milestones of human development from conception to death. It describes the physical, cognitive, and social growth of people, with special attention to various cultural contexts of development and the rich diversity of individuals. The content is drawn from research and theories in developmental psychology. Students are expected to integrate their personal experiences, knowledge of psychology, and their observations of human development with the content of this course. Implications for parenting, education, and social policy making will be discussed, so that students may apply course information to meaningful problems. Prerequisite(s): Successful completion of PSYC& 100.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0564	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Curry, Roger	ONLINE	

PSYC& 220 ABNORMAL PSYCHOLOGY

A study of the development and symptoms of mental health disorders. Topics covered include schizophrenia, mood disorders, anxiety disorders, personality disorders, psychosomatic disorders, sexual deviation, organic disorders, and the process of adjustment to stress. Attention is given to biosocial, cognitive, and cultural factors and their role in mental health. Prerequisite(s): Successful completion of PSYC& 100 or equivalent.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0565	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Sperry, David	ONLINE	

PUBLIC SPEAKING

CMST& 220 PUBLIC SPEAKING

An Open Course Library class with inexpensive course materials. Assists students in developing real-world oral communication skills. Capture the dynamics of today's business realities and see the benefits of effective communication. Selection of topics, library research, analysis, oral style, use of visual aids, and preparation and delivery of various types of speeches and oral presentations are included. The Internet, email, community interaction, and other practical tools support student learning and increase public speaking skills. Emphasis is placed on principles of cultural diversity. Prerequisite(s): Appropriate Accuplacer (283 in reading) placement score or equivalent or successful completion of ENG 094.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0518	5 Cr	10:00AM-10:50AM	TuWTh	09/23/19-12/11/19	14 212	Copeland, Kri	HYBRID	
0517	5 Cr	9:00AM-9:50AM	TuWTh	09/24/19-12/10/19	14 212	Copeland, Kri		
0519	5 Cr	2:00PM-4:20PM	TuTh	09/24/19-12/10/19	17 240	Heath, Terry	HYBRID	

RESTAURANT OPERATIONS

REST 103 FOOD & BEVERAGE COST CONTROL

Outlines the fundamentals of food costing in relation to menu writing. Students will be responsible for pricing out each item on the menu as well as preparing yield tests and standardizing recipes.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3262	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Phillips, Jen	ONLINE	

REST 107 KITCHEN AND DINING MANAGEMENT

Students will learn how to communicate, lead, and manage different types of people. This entails how to hire and fire, inventory control, writing job descriptions, and creating performance reviews for both front and back of the house.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3582	3 Cr	9:00AM-1:45PM	WThF	09/24/19-12/11/19	23 313	Newman, Shell		

32B2 3 Cr 9:00AM-2:00PM WThF 09/25/19-12/11/19 31 100 Phillips, Jen HYBRID

REST 109 MARKETING/PUBLIC RELATIONS

Learn how to create a marketing concept for your restaurant. Learn to define your target market and understand the importance of effective marketing in the industry. We will also look at current market trends, consumer behavior, market segmentation and positioning of your business in the market to get the desired results.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3272	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Phillips, Jen	ONLINE	

REST 112 RESTAURANT DINING

Familiarizes students with all aspects of running a casual-style dining room open to the public. Included are opening/closing procedures, table setup, customer-service techniques, leadership, sanitation, and safety procedures.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3282	7 Cr	9:00AM-2:00PM	WThF	09/25/19-12/11/19	31 100	Phillips, Jen	HYBRID	

REST 115 CATERING PRODUCTION

Emphasis will focus on buffet preparation and presentation. Students will receive hands-on experience creating and executing catering requisitions. Students will explore designing menus for various events, functions, and price limits.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3292	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Phillips, Jen	ONLINE	

REST 119 OPERATIONS MANAGEMENT

Explore all aspects of running a successful operation in the hospitality industry. Students will learn how to create a positive work environment and apply team building and leadership skills. Students will also learn how to recruit new team members, establish hiring procedures, organize and implement systems and controls, and handle issues that arise on a daily basis. Students will also explore how to use Excel programs and identify the benefits of using Excel for restaurants.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
32A2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Phillips, Jen	ONLINE	

REST 122 FOOD SERVICE NUTRITION

Learn the basics of food service nutrition for culinary professionals. This class will teach students about the biological process that occurs as you eat, what constitutes a healthy diet, and the structure and function of foods.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
32D2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Phillips, Jen	ONLINE	

REST 126 FINANCE AND ACCOUNTING

Prepares students to understand, interpret, and analyze financial statements, budgeting, cash flow, and cash management. This gives students a chance to become familiar with financial statements prior to entering the work force so they have a working knowledge in this area.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
32F2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Phillips, Jen	ONLINE	

REST 131 BUSINESS PLAN DEVELOPMENT

Develop a restaurant concept from start to finish, including a hands-on look at how to develop a business plan to present to possible investors. Students will practice decision making and problem solving skills through creating and planning their own concept.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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32C2 4 Cr ARRANGED ARRANGED 09/23/19-12/11/19 ON LINE Phillips, Jen ONLINE

REST 133 BEVERAGE SERVICE

Learn to set up and manage a beverage service operation successfully. Includes the history of bar service, beverage making ingredients and processes, and safety and sanitation in the bar.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
32G2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Phillips, Jen	ONLINE	

REST 137 HOSPITALITY LAW

Learn about laws affecting the hospitality industry on both a national and state level. This class will look at operating an establishment according to government regulations regarding sales, civil rights, liability, administration issues, and organization.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
32H2	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Phillips, Jen	ONLINE	

RETAIL

RBM 105 FUNDAMENTALS OF ORGANIZATIONAL BEHAVIOR

Emphasizes the human factor in business, the job of the supervisor, human relations, the art of leadership and converting policy into action, job analysis and performance, how and when to discipline, and effective supervising techniques for a diverse workplace.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5782	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reyggers, Ryan	ONLINE	

RBM 107 MARKETING

Discover the methods and techniques of marketing research and the principles on which they are based. Includes the elements of the research process, evaluation, and effective presentation of findings.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5792	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reyggers, Ryan	ONLINE	

RBM 109 PRINCIPLE OF RETAILING

Provides an introduction to retail management operations and merchandising. Covers retail target markets, trading area analysis and site selection, retail organization, buying, handling financial management of merchandise, development of retail image, customer service, and control of retail operations.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
57A2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reyggers, Ryan	ONLINE	

RBM 111 BUSINESS COMMUNICATIONS

Prepares students to communicate effectively in business settings by helping them develop superior written and oral communication skills. This course focuses on traditional and web-based forms of communication, as seen in business today, including email, letters, memos, reports, proposals, and presentations. Upon completion of Business Communications, students will know how to plan, write, and revise communications for a variety of audiences, both in print and online.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5742	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reyggers, Ryan	ONLINE	

RBM 113 BUSINESS TECHNOLOGY FOR RETAIL APPLICATIONS

Gain hands-on experience with the fundamentals of Microsoft Office, such as entering data, formatting, copying and pasting, basic formula construction, auto summing and more. This course will not only teach you the basics of Office but will also teach you the thinking and mechanics of how to apply it to your everyday retail problems.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
57B2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 115 HUMAN RESOURCE MANAGEMENT

Identify the role of human resource management, including its scope and responsibilities. Students will examine the principles and methods used in the recruitment, selection, placement, and training of employees. Major laws, trends, and issues related to human resource administration will be discussed.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
57C2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 117 PRINCIPLES OF MANAGEMENT

Learn essential skills for operating an effective business. Topics include employee productivity, project management, human resources and job design, forecasting, statistical process, and supply chain management.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5772	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 119 FINANCIAL MANAGEMENT

Introduces students to key financial management topics that give insight into the issues and challenges facing financial managers every day. Examines the latest financial developments, including a discussion on IPOs as a broad topic and the sale of stock. This course delivers the solid understanding of financial management that a business student needs for future success.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
57J2	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 123 CUSTOMER SERVICE STRATEGIES

Introduces concepts of effective customer service, step-by-step suggestions for improving communication, and valuable references for delivering exceptional internal and external customer-service skills.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5752	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 129 SPEAKING FOR SUCCESS

Theory and practice in composing and presenting oral business communications, both impromptu and prepared. Effective writing of business documents, methods of research, and presentation of oral class reports.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5722	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 133 EFFECTIVE SELLING

Nature and scope of selling and understanding buying motives, with strong emphasis on the selling process, prospecting, pre-approach, demonstration of products and services, and closing. While we use the traditional selling tenets as a foundation, this course adapts the concepts to the rapidly changing world of business in today's environment, including the use of Twitter, LinkedIn, Facebook, blogs, wikis, and other interactive ways of connecting with customers.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>

57G2 5 Cr ARRANGED ARRANGED 09/23/19-12/11/19 ON LINE Reygers, Ryan ONLINE

RBM 159 E-COMMERCE PRINCIPLES & APPLICATIONS

This introduction to the world of electronic commerce provides the tools necessary to understand and capitalize on the explosion of Internet-based business in today's economy. Study the technologies used to create new opportunities for business-to-business and business-to-customer services.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5762	4 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 162 SOCIAL MEDIA MARKETING

Learn a practical approach to developing successful social media marketing plans. A proven eight-step social media planning model provides students with a cumulative learning experience, showing them how to construct social media strategies that achieve desired marketing goals.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
57H2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 164 MARKETING COMMUNICATIONS

Developed with real-world examples to illustrate the concepts of promotion and gives students a glimpse into industry and the challenges it faces. This course will introduce concepts on developing a target market, how to find your target market, and how to effectively build relationships through research and branding to the company's core customer.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
57K2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 166 SUCCESSFUL CAREER DEVELOPMENT

Participate in self-analysis, goal setting, career exploration, personal appearance and grooming; resume writing, application letter writing, and the employment interview; and communication of ideas, interviewing practice, and other techniques of successful career development.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
57D2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 168 CONSUMER BEHAVIOR

Introduction to the core concepts and applications of contemporary consumer behavior as it is practiced today with the latest consumer behavior statistics, examples, and trends. This course emphasizes how the recent recession, green marketing, and natural disasters all impact contemporary consumer behavior.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
57L2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

RBM 201 INTRODUCTION TO BUSINESS

A professional class designed to give an understanding of business etiquette. Put your best professional foot forward with Introduction to Business Etiquette. This course covers all the important issues and concepts without confusing students with excess material. This class covers basic digital etiquette and provides information on how to create and maintain business relationships.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
57F2	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Reygers, Ryan	ONLINE	

SOCIOLOGY

SOC& 101 INTRODUCTION TO SOCIOLOGY

Focuses on understanding and applying the sociological perspective, which stresses the importance of the impact of social forces external to the individual in shaping people's lives and experiences. Topics studied will include socialization, social interaction, culture, groups, social structure, deviance, social inequality, social class, race, gender, institutions (political, economic, educational, and family), collective behavior, and social change. Students will be asked to learn the basic concepts, theories, and perspectives of sociology; to see how these operate in terms of social processes, structures, and events; and to apply this knowledge to better understand the social world. Prerequisite(s): Appropriate Accuplacer reading/writing combined score of 277 or equivalent or successful completion of ENG 094.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0566	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Baylor, James	ONLINE	
0567	5 Cr	11:00AM-11:50AM	TuTh	09/23/19-12/11/19	14 208	Baylor, James	HYBRID	FULL
0568	5 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Baylor, James	ONLINE	FULL
0569	5 Cr	10:00AM-10:50AM	TuTh	09/24/19-12/10/19	16 203	Baylor, James	HYBRID	FULL

SURGICAL TECHNOLOGY**SURG 110 INTRODUCTION TO THE SURGICAL LAB**

Covers proper attire, hand hygiene, patient vitals, urinary catheterization, room set up, handling of sterile supplies, gowning and gloving, and introduction to surgical instrumentation. Prerequisite(s): Successful completion of ENGL& 101, CAH 102, BIOL& 241, COLL 102.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4002	3 Cr	11:30AM-2:00PM	TuTh	09/24/19-12/11/19	21 120	Clark, Keza	ENHANCED	

SURG 115 INTRODUCTION TO THE SURGICAL ENVIRONMENT

Explores the basics of surgical instrumentation, use of energy sources and guidelines to safe practices surrounding them, introduction to specimen handling, principals of aseptic technique, processes related to maintaining asepsis and hazards of the surgical environment. Prerequisite(s): Successful completion of ENGL& 101, CAH 102, BIOL& 241, COLL 102.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4012	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Clark, Keza	ONLINE	

SURG 120 CARE OF THE SURGICAL PATIENT I

Covers patient vitals and diagnostics; methods of patient identification, transfer, transport and positioning of surgical patients; theories of skin prep and draping; case planning and intraoperative routines. Prerequisite(s): Successful completion of ENGL& 101, CAH 102, BIOL& 241, COLL 102.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4022	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Clark, Keza	ONLINE	

SURG 128 PHARMACOLOGY & ANESTHESIA

Introduces the student to basic surgically related pharmacologic and anesthetic principles, including drug classification, proper medication labeling and handling, aseptic medication preparation and usage, principles of anesthesia administration and monitoring, including complications and interventions. Prerequisite(s): Successful completion of SURG 150, SURG 152, SURG 148, SURG 145, MAT 108 or Higher (MAT&)

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4062	3 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Urquidez, Jam	ONLINE	

SURG 153 SURGICAL LAB II

Covers intermediate level skills for the OR environment, aseptic principles and practices, scrubbing, gowning, gloving, preparation of the sterile field, disinfection and sterilization, scrub role, assistant circulator role, instrumentation, supplies, equipment, patient positions, draping, incisions, procedural steps, and care of specimens as appropriate for the second quarter Prerequisite(s): Successful completion of SURG150 (Operating Room Setting), SURG 152(Care of the Surgical Patient II), SURG148 (Operating Room Theory I), SURG 145, MAT 108 or Higher (MAT&___ needed for AAST)

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4032	5 Cr	10:30AM-3:30PM	WF	09/25/19-12/11/19	21 120	Clark, Keza	ENHANCED	

SURG 154 OPERATING ROOM THEORY II

Continued exploration of surgical specialties to include otorhinolaryngologic, oral/maxillofacial, plastic/reconstructive, and orthopedic procedures along with surgical anatomy, instrumentation, equipment, supplies, patient positions, specimen care and postoperative considerations. Prerequisite(s): Successful completion of SURG 150, SURG 152, SURG 148, SURG 145, MAT 108 or Higher (MAT&)

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4042	5 Cr	7:00AM-9:30AM	WF	09/25/19-12/11/19	21 113	Clark, Keza	HYBRID	

SURG 160 CARE OF THE SURGICAL PATIENT III

Explores disaster readiness, sterility, disinfection, and steps for reprocessing instruments, decontamination of surgical environment, and the use of technology within the surgical environment. Prerequisite(s): Successful completion of SURG 150, SURG 152, SURG 148, SURG 145, MAT 108 or Higher (MAT&)

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4052	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ON LINE	Clark, Keza	ONLINE	

SURG 215 CLINICAL APPLICATIONS I

Provides the framework for students to receive experience in the operating room. Through one-on-one training in a perioperative setting, students will develop the professional attitude, behavior and skills to reinforce their role as a member of the perioperative team. Prerequisite(s): Successful completion of SURG 212, SURG 201, SURG 205 and SURG 208.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4072	5 Cr	0:R M-0: M	MTuWTh	09/30/19-10/31/19	ARR	Urquidez, Jam	ENHANCED	

SURG 220 CLINICAL APPLICATIONS II

See Clinical Applications. Prerequisite(s): Successful completion of SURG 212, SURG 201, SURG 205 and SURG 208.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4082	5 Cr	0:R M-0: M	MTuWTh	11/04/19-12/05/19	ARR	Urquidez, Jam	ENHANCED	

SURG 235 SEMINAR I

Classroom presentations on health and wellness and death and dying. Classroom preparation for the NBSTSA Certification Exam. Prerequisite(s): Successful completion of SURG 212, SURG 201, SURG 205 and SURG 208.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4092	3 Cr	10:00AM-1:00PM	F	09/27/19-12/06/19	21 113	Urquidez, Jam	ENHANCED	

SURG 237 CERTIFICATION TEST PREP I

Prepares students to take the NBSTSA National Certification Test. Prerequisite(s): Successful completion of SURG 212, SURG 201, SURG 205 and SURG 208.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
40A2	2 Cr	ARRANGED	ARRANGED	09/23/19-12/11/19	ARR	Urquidez, Jam	ONLINE	

UPHOLSTERY

UPH 101 INTRODUCTION TO UPHOLSTERY I

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43H2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 102 INTRODUCTION TO UPHOLSTERY I

INTRODUCES TOOLS AND MATERIALS COMMONLY USED IN THE UPHOLSTERY TRADE. PROVIDES HANDS-ON EXPERIENCE IN PROPER USE OF VARIOUS HAND AND POWER TOOLS AND THEIR MAINTENANCE AND STORAGE. STUDENTS WILL LEARN HOW TO SET UP EFFICIENT WORK STATION. PREREQUISITE: INSTRUCTOR PERMISSION

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4302	5 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 103 INTRODUCTION TO UPHOLSTERY II

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43J2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 104 INTRODUCTION TO UPHOLSTERY II

Introduces types of foam and fabrics along with their characteristics and uses in upholstery. Equips students with skills needed to design patterns, measure and calculate materials needed for an upholstery project. Continuation of skills learned in Introduction To Upholstery I. Prerequisite(s): Instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4312	5 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 105 BASIC SEWING I

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43K2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 106 BASIC SEWING I

Covers the setup and threading of commercial upholstery sewing machines. Provides a foundation for students to learn to sew on commercial machines with control and accuracy. Prerequisite(s): Instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4322	5 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 107 BASIC SEWING II

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43L2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 108 BASIC SEWING II

Focuses on building a foundation of sewing skills. Provides instruction introduction to troubleshooting and maintenance of commercial sewing machines. Introduces students to various machine stitches and their uses. Continuation of skills

learned in Basic Sewing I. Prerequisite(s): Instructor permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4332	5 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 109 INTERMEDIATE SEWING I

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43M2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 110 INTERMEDIATE SEWING I

Develop sewing skills, speed and accuracy by constructing cushions, pillows and automotive inserts. Prerequisite(s): Successful completion of UPH 102, UPH 104, UPH 106 and UPH 108, or Instructor permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4342	5 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 111 INTERMEDIATE SEWING II

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43N2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 112 INTERMEDIATE SEWING II

Continuation of sewing skills learned in Intermediate Sewing I. Increase speed and accuracy by constructing cushions, pillows and automotive inserts.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4352	5 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 113 ADVANCED SEWING I

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43P2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 114 ADVANCED SEWING I

Provides students the opportunity to develop advanced sewing skills by constructing complex seats and custom designs. Prerequisite(s): Successful completion of UPH 102, UPH 104, UPH 106 and UPH 108, or instructor permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4362	5 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 115 ADVANCED SEWING II

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43Q2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 116 ADVANCED SEWING II

Continuation of Advanced Sewing I to develop students' advanced sewing skills. Provides practical application of sewing skills on a 2015 Corvette seat frame or similar. Students will design a pattern, cut, sew, and fit a new upholstery cover for a seat back. Prerequisite(s): Successful completion of UPH 102, UPH 104, UPH 106 and UPH 108, or instructor permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4372	5 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 118 DOORS AND QUARTER PANELS I

Provides students the opportunity to apply practical design, sewing and upholstery skills to automotive doors and quarter panels. Students will learn to remove existing panels, design replacement pieces and prepare automotive interior for upholstery. Prerequisite(s): Successful completion of Upholstery Fundamentals Certificate, or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4382	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 120 DOORS AND QUARTER PANELS II

Continuation of development of skills learned in Doors and Quarter Panels I. Instruction also includes reinstallation of upholstered vehicle door and quarter panels. Prerequisite(s): Successful completion of Upholstery Fundamentals Certificate, or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4392	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 122 BUCKET SEATS I

Covers the removal of an automotive bucket seat as well as pattern and fabrication of a replacement seat cover and headrest covers. Provides students with the opportunity to apply knowledge and skills learned in design, measurement and sewing. Prerequisite(s): Successful completion of Upholstery Fundamentals Certificate, or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43A2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 124 BUCKET SEATS II

Covers various sewing techniques for automotive bucket seat as well as preparation and fitting of upholstery covers for bucket seats and head rests. Students will also learn to reinstall automotive bucket seats and headrests after reupholstering. Continuation of skills learned in Bucket Seats I. Prerequisite(s): Successful completion of Upholstery Fundamentals Certificate, or instructor permission

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43B2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 145 THE ART OF TYING SPRINGS

Students will learn how to install springs using eight-way tie and adjust to proper height. Prerequisite(s): Successful completion of Upholstery Fundamentals Certificate, or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43C2	3 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 150 UPHOLSTERING LOUIS-TYPE CHAIR I

Covers professional upholstery techniques and skills needed to upholster a Louis-type chair, overview of materials and tools of furniture upholstery and best practices. Prerequisite(s): Successful completion of Upholstery Fundamentals Certificate, or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43D2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 155 UPHOLSTERING LOUIS-TYPE CHAIR II

Continuation of Upholstering a Louis-type Chair I, building on skills learned in UPH 150, including instruction on designing and sewing sofa skirts and furniture arm covers. Prerequisite(s): Successful completion of Upholstery

Fundamentals Certificate, or instructor permission.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43F2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

UPH 160 UPHOLSTERING A WING BACK CHAIR I

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43G2	4 Cr	9:00AM-3:00PM	DAILY	09/23/19-12/11/19	03 402	Glasgow, J		

WELDING TECHNOLOGY

WLD 106 WELDING THEORY

Introduces the tools and equipment used in welding. Includes safety considerations, electrical principles, welding quality and technical orientation for select welding and cutting processes. Instructor Permission required.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9802	5 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 403	Meyers, David		
98AN	5 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 403	Riojas, Ameli		
98P2	5 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 403	Agostino, Jus		

WLD 110 THERMAL CUTTING AND GOUGING

Develops the knowledge and skill for manual and machine-guided oxyfuel cutting, manual plasma arc cutting, and carbon arc gouging. Corequisite: WLD 105.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9812	3 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		
98AP	3 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98Q2	3 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		

WLD 112 OXYACETYLENE WELDING AND BRAZING

Develops the knowledge and skill for welding, brazing, and braze welding various joint designs using oxyacetylene equipment. Corequisite: WLD 105.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9822	4 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		
98AQ	4 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98R2	4 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		

WLD 117 SMAW I

Introduces the shielded metal arc welding (SMAW) process with emphasis on skill development using deep penetrating electrodes in the flat and horizontal positions. , deep penetrating electrodes by welding various joints in the vertical and overhead positions. Prerequisite(s): Completion of or concurrent enrollment in WLD 105.

LAKEWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9832	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		
98AR	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98S2	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		

WLD 123 SMAW II

Develops understanding of the applications and techniques for using low-hydrogen SMAW electrodes in the flat and horizontal positions. , low-hydrogen electrodes by welding various joint designs in the vertical and overhead positions. Prerequisite(s): Successful completion of WLD 105.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9842	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		
98AS	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98T2	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		

WLD 143 MATERIALS AND TESTING

Covers welding processes, electrode selection, welder qualifications and welding inspection Instructor Permission required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9852	5 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 403	Meyers, David		
98AT	5 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 403	Riojas, Ameli		
98U2	5 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 403	Agostino, Jus		

WLD 144 PRINT READING FOR WELDERS

Develops the ability to interpret prints used in welding and fabrication. Introduction to sketching, lines, views, visualization, dimensioning, applied math, and welding symbols. Prerequisite: Successful completion of WLD 105.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9862	5 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 403	Meyers, David		
98AU	5 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 403	Riojas, Ameli		
98W2	5 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 403	Agostino, Jus		

WLD 152 GAS METAL ARC WELDING

Develops the ability to use the gas metal arc welding process to join carbon steels and aluminum with various joint designs in all positions. Prerequisite: Completion of or concurrent enrollment in WLD 142.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9872	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		
98AV	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98V2	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		

WLD 157 METALLURGY

Examines metal identification and classification, mechanical properties, crystalline structures, heat treatments, and metallurgical effects of welding. Prerequisite: WLD 142.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9882	5 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 403	Meyers, David		
98AW	5 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 403	Riojas, Ameli		
98X2	5 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 403	Agostino, Jus		

WLD 168 FLUX CORED ARC WELDING I

Develops the ability to use gas-shielded flux cored arc welding electrodes to join carbon steels with various joint designs in all positions. Prerequisite: Completion of or concurrent enrollment in WLD 142.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9892	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		
98AX	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98Y2	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		

WLD 210 GAS TUNGSTEN ARC WELDING I

Develops the ability to use the gas tungsten arc welding process to join carbon and stainless steels with various joint designs in all positions. Prerequisite: Completion of, or concurrent enrollment in, WLD 142.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98A2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		
98AY	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98Z2	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		

WLD 211 ADVANCED GTAW I

Develops the welding in all positions for Gas Tungsten Arc Welding for a variety of light gauge steel and aluminum joint designs. Prerequisite(s): Successful completion of WLD 210 or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AA	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98AZ	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98B2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

WLD 214 ADVANCED GTAW II

WLD 214 ADVANCED GAS TUNGSTEN ARC WELDING II 7CR Develops the welding techniques in all positions for Gas Tungsten Arc Welding for a variety of light gauge exotic metals joint designs. Prerequisite(s): Completion of, or concurrent enrollment in, WLD 211.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AB	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98BA	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98C2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

WLD 217 SPECIAL PROJECTS

Develops skills in print reading, project planning, layout, distortion control fixturing, and other fabrication techniques. Students will have the opportunity to apply knowledge to projects of personal interest and/or as assigned. Prerequisite(s): Advanced standing with instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AC	Var	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98BB	Var	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98D2	Var	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

WLD 219 SPECIAL PROJECTS II

Develops additional skills in print reading, project planning, layout, distortion control, and other fabrication techniques. Students will have the opportunity to apply knowledge to projects of personal interest and/or assigned. Prerequisite(s): Advanced standing with instructor's permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AD	Var	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98BC	Var	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98F2	Var	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

WLD 223 GTAW PIPE

Develops welding techniques required to make sound GTAW welds on steel plate and pipe in the 2G, 3G, 4G, & 5G positions. Prerequisite(s): Successful completion of WLD 142 or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
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98AF	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus
98BD	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli
98G2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David

WLD 225 SMAW PIPE WELDING

Develop welding techniques required to make sound SMAW welds using E6010 and E7018 electrodes on steel pipe in the 2G & 5G positions. Prerequisite(s): Successful completion of WLD 142 or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AG	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98BF	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98H2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

WLD 227 ADVANCED PIPE

Develops welding techniques required to make sound welds on pipe in a variety of joints and positions. Prerequisite(s): Successful completion of WLD 142 or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AH	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98BG	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98J2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

WLD 229 METAL-FORMING

Develops techniques, tools, and equipment necessary to form metal into a variant of shapes. Prerequisite(s): Successful completion of WLD 157 Metallurgy or instructor permission.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AJ	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98BH	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98K2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

WLD 233 LAYOUT AND FABRICATION

Covers Layout and fabrication techniques required for building production welding projects from a plan. Project planning, layout methods, fixturing, distortion control, and the use of tools and equipment for metal fabrication are also covered. Instructor Permission required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AK	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98BJ	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98L2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

WLD 235 WABO TEST PREP

Develops skills in preparation for employer, Washington Association of Building Officials (WABO) or similar welder qualification tests in the 3G,4G, 5G and 6G positions using a variety of welding processes Instructor Permission required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AL	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98BK	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98M2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

WLD 238 FCAW II

Covers welding techniques for self-shielding Flux Core Arc Welding for a variety of joint designs in all positions Instructor Permission required.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AM	7 Cr	12:00PM-5:00PM	DAILY	09/23/19-12/11/19	25 400	Agostino, Jus		
98BL	7 Cr	5:00PM-10:00PM	DAILY	09/23/19-12/11/19	25 400	Riojas, Ameli		
98N2	7 Cr	7:00AM-12:00PM	DAILY	09/23/19-12/11/19	25 400	Meyers, David		

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