

Winter Quarter 2020 Class Schedule

Updated 2/6/2020 6:00:00 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.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4913	5 Cr	11:00AM-11:50AM	MTuTh	01/02/20-03/17/20	11 144	Dorum, Lucy	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.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4983	5 Cr	9:00AM-10:50AM	MW	01/06/20-03/18/20	11 144	Dorum, Lucy	HYBRID	

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.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4903	2 Cr	ARRANGED	ARRANGED	01/02/20-03/18/20	ON LINE	Dorum, Lucy	ONLINE	

ACTG 141 QUICKBOOKS I

Covers principal applications, basic operating commands, and functions necessary to use QuickBooks automated accounting software. Basic applications include, but are not limited to, vendor, customer, and banking activities, and creating files. Prerequisite(s): Successful completion of ACTG 110 and ACTG 135 or instructor approval.

Additional Fee: 9.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4923	2 Cr	9:00AM-10:50AM	MW	01/06/20-02/12/20	11 127	Cooke, Suzann	ENHANCED	

ACTG 143 QUICKBOOKS II

Covers continued applications for vendor and customer activities using QuickBooks automated accounting software. Also covers starting up companies, inventory management, sales tax, payroll, and working with balance sheet accounts. Prerequisite(s): Successful completion of ACTG 115 and ACTG 141 or instructor approval.

Additional Fee: 14.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4933	3 Cr	9:00AM-10:50AM	MW	02/17/20-03/18/20	11 127	Cooke, Suzann	ENHANCED	

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.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4943	5 Cr	9:00AM-10:50AM	TuTh	01/02/20-03/17/20	11 144	Dorum, Lucy	HYBRID	

ACTG 211 PRINCIPLES OF ACCOUNTING I LAB

Provides instructional activities that support material covered in ACCT& 201 in a supervised lab environment. Concurrent with ACCT& 201 or instructor approval. Prerequisite(s): Successful completion of ACTG 135 or instructor approval.

Additional Fee: 9.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4953	2 Cr	11:00AM-11:50AM	W	01/08/20-03/18/20	11 127	Dorum, Lucy	HYBRID	
4963	2 Cr	ARRANGED	ARRANGED	01/08/20-03/18/20	ON LINE	Dorum, Lucy	ONLINE	

ACTG 213 PRINCIPLES OF ACCOUNTING III LAB

Provides instructional activities that support material covered in ACCT& 203 in a supervised lab environment. Prerequisite(s): Successful completion of ACTG 211 and 135 or instructor approval. Co-requisites: ACCT& 203.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4993	3 Cr	ARRANGED	ARRANGED	01/08/20-03/18/20	ON LINE	Dorum, Lucy	ONLINE	

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.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4973	5 Cr	ARRANGED	ARRANGED	01/02/20-03/18/20	ON LINE	Cooke, Suzann	ONLINE	

ACTG 236 ACCOUNTING SPREADSHEETS II

Provides advanced instruction in electronic worksheets, various business spreadsheets, 3D worksheets, and various functions, including the conditional function and accounting schedules. Prerequisite(s): Successful completion of ACTG 135 or instructor approval.

Additional Fee: 14.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
49A3	3 Cr	10:00AM-10:50AM	TuTh	01/02/20-03/17/20	11 127	Cooke, Suzann	ENHANCED	

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.

Additional Fee: 24.50

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>
49B3	5 Cr	12:00PM-2:00PM	MTuWTh	01/07/20-03/12/20	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.

Additional Fee: 24.50

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>
49C3	5 Cr	12:00PM-2:00PM	MTuWTh	01/07/20-03/12/20	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.

Instructor Permission 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>
49H3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/18/20	ARR	Cooke, Suzann		

ACTG 295 INDIVIDUAL INCOME TAX PREPARATION

Provides on-the-job practical 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): Successful completion of ACTG 291 and 293 or instructor approval.

Instructor Permission required.

Additional Fee: 24.50

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>
49G3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/18/20	ARR	Cooke, Suzann		

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.

Additional Fee: 24.50

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>
49D3	5 Cr	11:00AM-11:50AM	MTuWTh	01/02/20-03/18/20	11 144	Cooke, Suzann	HYBRID	
49F3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/18/20	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.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/06/20-03/18/20	17 240	Wilson, Jaime		FULL

ASL& 122 AMERICAN SIGN LANGUAGE II

An expansion of ASL& 121, working toward mastery of American Sign Language. Course focuses on deeper insights into vocabulary, grammar, receptive/expressive skills, and history with increased knowledge of deaf communities and culture. Prerequisite: Successful completion of ASL& 121 or appropriate prior ASL experience.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	4:30PM-7:00PM	MW	01/06/20-03/18/20	17 240	Wilson, Jaime		

ARCHITECTURAL ENGINEERING DESIGN

ARC 124 RESIDENTIAL DRAFTING AND DESIGN II

Overview of construction specifications, residential floor plans, symbols and systems, electrical plans, plumbing plans, HVAC plans, and foundation systems and plans. Prerequisite(s): Successful completion of ARC 122, ARC 171, and ARC 182, or instructor approval.

Additional Fee: 55.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6303	5 Cr	11:00AM-11:50AM	MTuWTh	01/02/20-03/19/20	19 201	Bushnell, Pop	HYBRID	

ARC 151 CONSTRUCTION MATERIAL RESEARCH

Students will investigate and research materials, methods, and trends in construction; the Construction Specification Institute's (CSI) MasterFormat, SectionFormat, and PageFormat systems; and methods of specifying. Prerequisite(s): Successful completion of ARC 122, ARC 171, and ARC 182, or instructor approval.

Additional Fee: 55.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6313	5 Cr	9:00AM-9:50AM	MTuWTh	01/02/20-03/19/20	19 201	Bushnell, Pop	HYBRID	

ARC 174 CIVIL ENGINEERING

An introduction to civil engineering software. Students will learn to create, edit and modify civil CAD design objects, add annotation, obtain information, import/export, and use civil CAD data in other applications. Prerequisite(s): Successful completion of ARC 126 and ARC 282, or instructor approval.

Additional Fee: 55.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6323	5 Cr	10:00AM-10:50AM	MTuWTh	01/02/20-03/19/20	19 203	Lunceford, Ce	HYBRID	

ARC 191 ENGINEERING MECHANICS OF MATERIALS

Students will apply basic engineering used in the building design field: forces, force systems, loading, and reactions; material stress and strain; selection of wood columns and wood connection materials; steel structural materials; and reinforced concrete materials. Prerequisite(s): Successful completion of ARC 126, and MAT 094 or higher or instructor approval.

Additional Fee: 55.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6333	5 Cr	1:00PM-2:20PM	MTuWTh	01/02/20-03/19/20	19 201	Bushnell, Pop	ENHANCED	

ARC 220 RESIDENTIAL DRAFTING AND DESIGN IV

Overview of site planning, framing methods and plans, commercial building codes, and materials for commercial construction. Students will create drawings using industry standard CAD software. Prerequisite(s): Successful completion of ARC 126, or instructor approval.

Additional Fee: 55.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6343	5 Cr	10:00AM-10:50AM	MTuWTh	01/02/20-03/19/20	19 201	Bushnell, Pop	HYBRID	

ARC 225 DESIGN PROJECT II

Project management and design of an intermediate architectural drafting project. Project conforms to regulatory codes, hypothetical client needs, and established schedules. Producing a complete set of computer-drafted and engineered construction drawings. Give effective oral reports of progress. Prerequisites: ARC 223 and ARC 281

Additional Fee: 55.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6353	5 Cr	1:00PM-1:50PM	MTuWTh	01/02/20-03/19/20	19 203	Lunceford, Ce	HYBRID	

ARC 227 SPECIAL INTERN PROJECT

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

Additional Fee: 55.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6363	5 Cr	0:R M-0: M	MTuWTh	01/02/20-03/19/20	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.

Additional Fee: 55.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6373	5 Cr	2:30PM-4:20PM	TuTh	01/02/20-03/19/20	19 203	Lunceford, Ce	HYBRID	

ARC 231 COST ESTIMATING I

Completion of a computerized, detailed cost estimate for one-story house with site development.

Additional Fee: 45.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6383	3 Cr	2:30PM-3:20PM	W	01/08/20-02/19/20	19 201	Bushnell, Pop	HYBRID	

ARC 237 ENERGY ANALYSIS

Covers using prescriptive performance for compliance with current energy code. Lab hours arranged. Prerequisites: ARC 223, MAT 105

Additional Fee: 35.55

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6393	1 Cr	2:30PM-3:20PM	M	01/06/20-02/10/20	19 203	Lunceford, Ce	HYBRID	

ARC 282 INTRODUCTION TO BUILDING INFORMATION MODELING

Use current industry-standard architectural 3D software application to produce three-dimensional building models and production drawings. Explores integration of building systems in a three-dimensional virtual environment. Prerequisite(s):

Successful completion of ARC 262, or instructor approval.

Additional Fee: 55.15

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>
63A3	5 Cr	11:00AM-11:50AM	MTuWTh	01/02/20-03/19/20	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.

Additional Fee: 55.15

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>
63B3	5 Cr	3:30PM-4:20PM	MTuWTh	01/02/20-03/19/20	19 203	Lunceford, Ce	HYBRID	

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.

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>
0502	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
0502	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
0503	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Rendal, Cami	ONLINE	FULL

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.

Instructor Permission required.

Additional Fee: 69.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9613	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 402	Vargo, Alan		
96AB	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 402	Vargo, Alan		
96C3	4 Cr	2:00PM-5:45PM	MTuWTh	01/02/20-03/20/20	03 401	Chinery, Tod		

IAUT 105 INTRODUCTION TO AUTOMOTIVE TECHNOLOGY

This course introduces students to automotive electrical theory, electrical components, basic electrical testing equipment and procedures, and wire splicing techniques. Prerequisite(s): Successful completion of ENG 094 or meet appropriate placement and be concurrently enrolled in MAT 092 or meet appropriate placement while enrolled in IAUT. Instructor's permission required. Valid driver's license required. Co-requisite(s): IAUT 105, IAUT 115, IAUT 130, and IAUT 140. Must be completed with a grade of 2.3 or better.

Instructor Permission required.

Additional Fee: 69.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9603	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 402	Vargo, Alan		
96AA	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 402	Vargo, Alan		

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.

Instructor Permission required.

Additional Fee: 74.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9623	5 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 402	Vargo, Alan		
96AC	5 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 59.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9633	2 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 402	Vargo, Alan		
96AD	2 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 402	Vargo, Alan		
96D3	2 Cr	2:00PM-5:45PM	MTuWTh	01/02/20-03/20/20	03 401	Chinery, Tod		

IAUT 140 BASIC AUTOMOTIVE WELDING

This course teaches students how to perform set-up, operation and maintenance of oxygen-acetylene welding, cutting and heating equipment and how to operate, maintain and utilize gas-metal arc welding (GMAW) to produce basic welds used in the automotive industry. Prerequisite(s): Successful completion of ENG 094 or meet appropriate placement and be concurrently enrolled in MAT 092 or meet appropriate placement while enrolled in IAUT. Instructor's permission

required. Valid driver's license required. Co-requisite(s): IAUT 104, IAUT 105, IAUT 115, and IAUT 130. Must be completed with a grade of 2.3 or better.

Instructor Permission required.

Additional Fee: 69.60

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>
9643	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 402	Vargo, Alan		

ACT 132 PANEL REPLACEMENT

Covers the fundamentals of replacing hoods, bumpers, fenders, grilles, lids, and other bolted-on panels. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

Instructor Permission required.

Additional Fee: 61.65

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>
9653	6 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 301	Freeman, Kurt		

ACT 133 PANEL REPAIR

Covers metal-straightening fundamentals, including proper tool usage; application of fillers; and sanding for proper size, shape, and texture. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

Instructor Permission required.

Additional Fee: 61.65

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>
9663	6 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 311	Freeman, Kurt		

ACT 134 AUTO COLLISION MAJOR REPAIRS

Introduces vehicle damage measuring systems, straightening auto body structure, and replacing structural components. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

Instructor Permission required.

Additional Fee: 56.75

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>
9673	5 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 301	Freeman, Kurt		

ACT 141 AUTO BODY ALUMINUM REPAIR

This course is an introduction to aluminum body repair. Prerequisite(s): ACT 102-125.

Instructor Permission required.

Additional Fee: 51.85

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>
96B3	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 301	Freeman, Kurt		

ACT 154 TOPCOAT REFINISHING

Covers color matching, final masking, surface cleaning, and topcoat finishing. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT and 139.

Instructor Permission required.

Additional Fee: 71.45

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>
9683	8 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 301	Mullins, Mich		

ACT 166 SURFACE IMPERFECTIONS/EXTERIOR TRIM

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

Instructor Permission required.

Additional Fee: 56.75

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9693	5 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 301	Mullins, Mich		

ACT 171 PLASTIC REFINISHING

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

Instructor Permission required.

Additional Fee: 56.75

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
96A3	5 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 46.95

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1703	3 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 51.85

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1713	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 71.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1723	8 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 61.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1733	6 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 51.85

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1743	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 66.55

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1753	7 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 61.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1763	Var	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 61.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1773	6 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 61.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1783	6 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 51.85

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1793	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 76.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17A3	9 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 61.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17B3	Var	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 46.95

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17C3	3 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 46.95

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17D3	3 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 61.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
17F3	Var	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 307	Freeman, Kurt		

AUTOMOTIVE TECHNICIAN

AUT 174 ENGINE MINOR MECHANICAL REPAIR

Diagnose and repair general engine mechanical, lubrication, and cooling system problems. Upon completion of this course, students will be familiar with the terminology, basic theory, diagnostics, and minor engine mechanical service and

repair procedures. 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 175 and AUT 178.

Instructor Permission required.

Additional Fee: 61.65

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>
4603	6 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 701	Smith, Michea		

AUT 175 ENGINE MAJOR MECHANICAL REPAIR

Diagnose and repair engine blocks, heads, and valve trains. Upon completion of this course, the student will be familiar with the terminology, basic theory, diagnostics, and removal and installation procedures to successfully diagnose and repair automobiles and light truck engines. Prerequisite(s): Must have required tools and textbooks. Co-requisites: AUT 178.

Instructor Permission required.

Additional Fee: 66.55

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>
4613	7 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 701	Smith, Michea		

AUT 178 ENGINE MECHANICAL LAB

Repair engine 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 and light truck engines. Prerequisite(s): Must have required tools and textbooks. Co-requisites: AUT 174 and AUT 175.

Instructor Permission required.

Additional Fee: 46.95

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>
4623	3 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 701	Smith, Michea		

AUT 217 AUTOMOTIVE IGNITION SYSTEMS

Diagnose and repair electronic and computer-controlled automotive ignition systems. Upon completion of this course, students will be familiar with the terminology, basic theory, and diagnostic and repair procedures used on automobiles and light trucks. Prerequisite(s): Must successfully complete courses AUT 174, 175, 178, 209, and 212 and must have required tools and textbooks. Co-requisites: AUT 223 and AUT 236.

Instructor Permission required.

Additional Fee: 66.55

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>
4683	7 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 901	Covington, G		

AUT 223 AUTOMOTIVE FUEL SYSTEMS

Diagnose and repair fuel management systems. Upon completion of this course, students will be familiar with the terminology, basic theory, and diagnostic and repair procedures used on automobiles and light trucks. Prerequisite(s): Must successfully complete courses AUT 174, 175, 178, 209, and 212, and must have required tools and textbooks. Co-requisites: AUT 217 and AUT 236.

Instructor Permission required.

Additional Fee: 66.55

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>
4693	7 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 901	Covington, G		

AUT 236 AUTOMOTIVE EMISSIONS SYSTEMS

Diagnose and repair emissions control systems. Upon completion of this course, students will be familiar with the terminology, basic theory, and diagnostic and repair procedures used on automobiles and light trucks. Prerequisite(s):

Must successfully complete courses AUT 174, 175, 178, 209, and 212, and must have required tools and textbooks. Co-requisites: AUT 217 and AUT 223.

Instructor Permission required.

Additional Fee: 66.55

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>
46A3	7 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 901	Covington, G		

AUT 247 AUTOMATICS TRANSMISSIONS

This course provides students with the knowledge and skills to competently repair automatic transmissions. Upon completion of the course, students will be familiar with the terminology, basic theory, diagnostics, maintenance, and repair of automobile/light truck automatic transmissions. Prerequisite(s): Must have required tools and textbooks. Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, and IAUT 139.

Instructor Permission required.

Additional Fee: 66.55

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>
4643	7 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 601	Lander, Everi		

AUT 250 AUTOMATIC TRANSAXLES

This course provides students with the knowledge and skills to competently repair automatic transaxles. Upon completion of the course, students will be familiar with the terminology, basic theory, diagnostics, maintenance, and repair of automobile transaxles. Prerequisite(s): Must successfully complete AUT 247 and have required tools and textbooks.

Instructor Permission required.

Additional Fee: 66.55

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>
4653	7 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 601	Lander, Everi		

AUT 251 AUTOMATIC TRANSMISSIONS/TRANSAXLES LAB

This course is designed to teach students to competently repair automatic transmission/transaxle assemblies 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 drive trains by applying academic knowledge to hands-on projects. Prerequisite(s): Must successfully complete courses AUT 247 and 250, and must have required tools and textbooks prior to entering this course.

Instructor Permission required.

Additional Fee: 51.85

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>
4663	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 601	Lander, Everi		

AUT 270 INTRODUCTION TO HYBRID SAFETY

This course is an introduction to the safety precautions required when working on hybrid and electric vehicles. Students will learn about the basics of hybrid electrical systems, personal protective equipment (PPE), and how to power down the most common hybrid vehicles. Offered only during winter quarter. Prerequisite(s): Successful completion of IAUT 102, IAUT 104, IAUT 115, IAUT 130, IAUT and 139.

Instructor Permission required.

Additional Fee: 51.85

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>
4633	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 701	Smith, Michea		
4673	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 601	Lander, Everi		
46B3	4 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 901	Covington, G		

FAUT 120 FORD INTRODUCTION TO AUTOMOTIVE

Students will be preparing for working in a shop environment by covering HAZMAT issues, equipment safety and operation, hand tool selection and use, and service information selection and use. Students will also become familiar with employment opportunities and expectations and certification requirements. Prerequisite(s): Successful completions of ENG 094 or meet appropriate placement and be concurrently enrolled in MAT 092 or meet appropriate placement while enrolled in IAUT. Instructor's permission required. Co-requisite(s): FAUT 149, FAUT 172, and FAUT 179.

Instructor Permission required.

Additional Fee: 42.05

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
46C3	2 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 801	Brown, David		

FAUT 149 FORD AUTOMOTIVE SUSPENSION, STEERING WHEEL ALIGNM

Students will learn suspension and steering principles, diagnostic strategies, and component removal/reinstallation. Alignment geometry and service procedures are also covered. Students will become familiar with the tools, terminology, and procedures used during routine brake service operations and have the opportunity to practice procedures identified as priority tasks in the NATEF (ASE) task list (see syllabus). Prerequisite(s): Successful completions of ENG 094 or meet appropriate placement and be concurrently enrolled in MAT 092 or meet appropriate placement while enrolled in IAUT. Instructor's permission required. Co-requisite(s): FAUT 120, FAUT 172, and FAUT 179.

Instructor Permission required.

Additional Fee: 66.55

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
46D3	7 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 801	Brown, David		

FAUT 172 FORD BASE STEERING, SUSPENSION & ALIGNMENT

Students will learn suspension and steering principles, alignment geometry, and service procedures to diagnose and correct excessive tire wear and pull concerns. Students will perform suspension adjustments using an alignment machine; perform power steering service and tests; correctly inspect steering and suspension system components; and flush, fill and inspect power steering systems. Students will become familiar with the tools, terminology, and procedures used during common steering and suspension service operations and will have the opportunity to practice procedures identified as priority tasks in the NATEF (ASE) task list. Prerequisite(s): Successful completions of ENG 094 or meet appropriate placement and be concurrently enrolled in MAT 092 or meet appropriate placement while enrolled in IAUT. Instructor's permission required.

Instructor Permission required.

Additional Fee: 61.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
46F3	6 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 801	Brown, David		

FAUT 179 FORD GENERAL MAINTENANCE AND TIRES

Topics covered include shop safety practices, general automotive maintenance, vehicle checkups, and multi-point inspections. Students will perform scheduled maintenance on items such as fluid and filter changes and learn wheel and tire service procedures. Students will use all available service publications to identify automotive systems and components and become familiar with the tools, terminology, and procedures used during routine maintenance, inspections, and wheel and tire service. Students will have the opportunity to practice the procedures identified as priority tasks in the NATEF (ASE) task list. Prerequisite(s): Successful completions of ENG 094 or meet appropriate placement and be concurrently enrolled in MAT 092 or meet appropriate placement while enrolled in IAUT. Instructor's permission required. Co-requisite(s): FAUT 120, FAUT 149, and FAUT 172.

Instructor Permission required.

Additional Fee: 66.55

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
46G3	7 Cr	7:30AM-1:50PM	DAILY	01/02/20-03/20/20	03 801	Brown, David		

AVIATION MAINTENANCE TECHNICIAN

AMT 109 BASIC ELECTRICITY

Direct current circuits, series, and parallel circuit arrangements and their application, understanding the relationship of voltage, current, resistance, and power, calculating and measuring these values, and understand the operation of the multi-meter and its use in troubleshooting.

Additional Fee: 69.60

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>
4403	4 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/21/20	SHC116	Doyon, Greg		

AMT 125 ADVANCED ELECTRICITY

Understand the effect of resistance, capacitance, and inductance in AC circuits, and understand transformers. Learn about basic semi-conductor devices (diodes and transistors), and be able to explain their function in simple circuits.

Additional Fee: 69.60

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>
4413	4 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC116	Doyon, Greg		

AMT 133 AIRCRAFT FUEL/ICE/RAIN CONTROL/FIRE PROTECT SYS

Covers principles of operation and configuration of warning systems, electrical brake controls, anti-skid systems, and landing gear position indicating and warning systems. Learn the effects of ice and rain on aircraft during operations in inclement weather, the equipment and materials used to counter ice and rain, and the maintenance of this equipment. Explore components and operation of fire detection and extinguishing equipment, as well as smoke and toxic gas detection systems.

Additional Fee: 69.60

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>
4493	4 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC117	Guttromson, C		FULL

AMT 140 AIRCRAFT LANDING GEAR

Inspect, check, service, and repair landing gear retraction systems, shock struts, brakes, wheels, tires, and steering systems.

Additional Fee: 64.70

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>
4453	3 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC117	Guttromson, C		FULL

AMT 141 HYDRAULIC & PNEUMATIC POWER SYSTEMS

Inspect, check, service, troubleshoot, and repair hydraulic and pneumatic power systems and components. Identify and select hydraulic fluids.

Additional Fee: 64.70

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>
4463	3 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC117	Guttromson, C		FULL

AMT 142 HANGAR AND FLIGHT LINE OPERATIONS

Perform maintenance on items of shop equipment used in the day-to-day operation of the aircraft maintenance hangar, calibrate precision tools as needed, and assist in repair station operations. Note: Offered during winter quarter.

Additional Fee: 64.70

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>

4423	3 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC116	Doyon, Greg	FULL
4473	3 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC117	Guttromson, C	FULL

AMT 143 AIRFRAME ELECTRICAL SYSTEMS

Learn about operation of AC and DC electrical systems used on large and small aircraft, generating and starting systems, AC and DC electric motors, wiring, controls, switches, indicators, and protective devices, and constant speed and integrated drive generators.

Additional Fee: 74.50

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>
4433	5 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC116	Doyon, Greg		

AMT 144 ENGINE ELECTRICAL SYSTEMS

Develop an understanding of the operation of generators, alternators, DC motors, and AC motors, and their repair and overhaul. Learn the special requirements of electrical components operating in high temperature areas and how to install wiring, controls, switches, and indicators, and to protect them from its effects.

Additional Fee: 74.50

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>
4443	5 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC116	Doyon, Greg		

AMT 145 CABIN ATMOSPHERE CONTROL SYSTEMS

Physiological aspects of flight. Inspection and maintenance of oxygen, pressurization, heating, cooling and air-conditioning systems.

Additional Fee: 64.70

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>
4483	3 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC117	Guttromson, C		FULL

AMT 146 AIRCRAFT INSTRUMENT/COMMUN/NAVIGATION SYSTEMS

Learn principles of operation of common aircraft instruments, air or vacuum driven gyros, pilot-static systems, and static system leak tests. Gain operating principles of common avionics equipment, antennas, autopilots, servos, approach coupling systems, interphones, static discharge devices, and ground proximity warning systems. Inspect and repair antennas and electronic equipment.

Additional Fee: 64.70

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>
44A3	3 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC117	Guttromson, C		FULL

AMT 217 FAA TESTING & TURBINE ENGINES

Covers preparation for and completion of FAA certification examinations. FAA written examinations are accomplished outside of CPTC at an FAA Designated Written Examination Center. After successful completion of written examinations, students must pass an oral and practical examination administered by an FAA Designated Maintenance Examiner. Students are charged a fee for these examinations. Note: Fees for these examinations are not included in the college tuition or lab fees. The remaining 120 hours of training concentrate on turbine engines, including their history, different types, the theory of operation of turbine engines, the Brayton cycle, Bernoulli's theory, and turbine engine air-flow characteristics. Learn the theory of operation of different types of compressors, combustion chambers, turbines and turbine stator vanes (nozzles). Learn the exhaust sections maintenance of turbine engines, including turbine engine removal, overhaul, inspection, and repair procedures. Learn to install turbine engines; make adjustments; troubleshoot, test, and check run procedures; and become familiar with regulations, publications, and records for turbine engines.

Additional Fee: 84.30

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>
44B3	7 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC118	Joy, Earl		FULL

AMT 219 ENGINE LUBRICATION SYSTEMS

Covers the components of and the operation of engine lubrication systems. Introduction to the requirements and characteristics of engine lubricants and lubrication systems.

Additional Fee: 69.60

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>
44C3	4 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC118	Joy, Earl		FULL

AMT 221 ENGINE INSTRUMENT SYSTEMS

Covers the theory and principles of operation of electrical and mechanical fluid rate -of -flow indicating systems. Covers electrical and mechanical temperature, pressure, and RPM-indicating systems.

Additional Fee: 69.60

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>
44D3	4 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC118	Joy, Earl		FULL

AMT 229 PROPELLERS & FAA FINAL TESTING

Propellers consist of the theory of operation and nomenclature. Propeller controls and instrumentation. Fixed pitch, controllable pitch, constant speed, and feathering propellers. Governors, anti-ice, phasing, and synchronization systems. Inspection, maintenance, and repairs to propellers and related systems. Familiarization of unducted fan engines. Included at the end of the course, 6 hours devoted to preparation for FAA certification examinations. FAA written examinations are accomplished at an FAA Designated Written Examination Center. After successful completion of written examinations, students must pass an Oral and Practical Examination administered by an FAA Designated Mechanics Examiner (DME). Students are charged a fee for these examinations administered by FAA designated examiners and centers. Note: Fees for these examinations are not included in the college tuition or lab fees systems.

Additional Fee: 69.60

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>
44S3	4 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC120	Vick, Phillip		FULL

AMT 231 ENGINE INSPECTION

Engine inspection consists of detailed work with the Federal Aviation Regulations, types of inspections, conformance to type certificate data sheets and major alterations, airworthiness directives, and maintenance record entries.

Additional Fee: 69.60

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>
44G3	4 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC120	Vick, Phillip		FULL

AMT 233 ENGINE IGNITION & STARTING SYSTEMS

Covers the operation, maintenance, and overhaul of magnetos and ignition, harnesses, the inspection, servicing, troubleshooting, and repair of reciprocating and turbine engine ignition system, components and turbine engine electrical and pneumatic starting systems.

Additional Fee: 69.60

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>
44H3	4 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC120	Vick, Phillip		FULL

AMT 235 INDUCTION, AIRFLOW, COOLING & EXHAUST SYSTEMS

Learn about the maintenance of carburetors and fuel-injected, naturally aspirated, turbo-charged, and super-charged induction systems. Learn about maintenance of ice and rain control systems, as well as principles of air-cooled engines and problems that can occur with an air-cooled engine. Study the history, development, and function of exhaust systems. Students will describe, inspect, maintain, troubleshoot, and repair components of exhaust systems. Learn operation principles of turbine-engine reversing systems and power recovery turbines.

Additional Fee: 64.70

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>
44J3	3 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC120	Vick, Phillip		FULL

AMT 239 ADVANCED HANGAR OPERATIONS

Advanced hangar operations and maintenance is designed for the students currently enrolled in the helicopter and powerplant classes. It includes servicing and repair of shop equipment, calibration of precision tools, and assisting in the repair station operations. Note: This course work is only offered during winter quarter.

Additional Fee: 64.70

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>
44F3	3 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC118	Joy, Earl		FULL
44T3	3 Cr	7:00AM-1:00PM	DAILY	01/02/20-03/20/20	SHC120	Vick, Phillip		FULL

AVIONICS

AVIO& 102 AIRCRAFT ELECTRONIC FUNDAMENTALS

Fundamentals, troubleshooting, and experimentation with fundamental aircraft electronics; diodes; power supplies; rectifiers; voltage regulators; transistors; amplifiers; oscillators and multivibrator circuits; latches and flip-flops; transmitters; synchro systems; and gyroscopes. Prerequisite(s): Instructor permission or FAA Airframe or Powerplant Certificate.

Instructor Permission required.

Additional Fee: 89.20

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>
44K3	8 Cr	3:00PM-9:00PM	DAILY	01/02/20-03/20/20	SHC107	Cooper, Dusti		

AVIO& 103 AIRCRAFT WIRING SYSTEMS

Fundamentals, troubleshooting, and repair of aircraft wiring, including acceptable standards for visual, electrical, and mechanical quality. Prerequisite(s): Successful completion of AVIO& 102 and AVIO& 201.

Additional Fee: 69.60

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>
44L3	4 Cr	3:00PM-9:00PM	DAILY	01/02/20-03/20/20	SHC107	Cooper, Dusti		

AVIO& 104 AIRCRAFT FIBER OPTIC SYSTEMS

This course is designed to prepare participants to install, maintain, troubleshoot, and repair fiber optics in the aviation industry. Participants will learn to work safely with materials used in fiber optics while learning to handle materials properly during the routing, installation, assembly, cleaning, troubleshooting, and repair process. Prerequisite(s): Successful completion of AVIO& 102 and AVIO& 201.

Additional Fee: 64.70

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>
44M3	3 Cr	3:00PM-9:00PM	DAILY	01/02/20-03/20/20	SHC107	Cooper, Dusti		

AVIO& 201 AIRCRAFT DIGITAL ELECTRONIC INSTRUMENT SYSTEMS

Digital techniques of troubleshooting, repairing, and experiments of aircraft electronic instrument systems. This course includes aircraft flight instrument systems; computer math and number systems, logic expressions, gates, and families; digital electronics and test equipment; timers; integrated and combinational circuits; computer registers, memory, and microprocessors; counters; TDM and FDM; introduction to fiber optics and lasers; data communications; and bus systems. Prerequisite(s): Instructor permission or FAA Airframe or Powerplant Certificate.

Instructor Permission required.

Additional Fee: 89.20

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>
44N3	8 Cr	3:00PM-9:00PM	DAILY	01/02/20-03/20/20	SHC107	Cooper, Dusti		

AVIO& 202 AVIONICS SYSTEMS FOR AIRFRAME & POWERPLANT

Fundamentals, troubleshooting, and repair of aircraft avionics systems for airframe and powerplant including: aerodynamic principles; aircraft structures; communication systems; navigation systems; power distribution systems; avoidance and detection systems; master warning and annunciator systems; radar systems; lighting systems; powerplant systems; and airframe systems. Prerequisite(s): Successful completion of AVIO& 102 and AVIO& 201.

Additional Fee: 89.20

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>
44P3	8 Cr	3:00PM-9:00PM	DAILY	01/02/20-03/20/20	SHC107	Cooper, Dusti	HYBRID	

AVIO& 203 AVIONICS COMMUNICATIONS

Preparation for the Federal Communications Commission General Radiotelephone Operator License and Ship Radar Endorsement, utilizing FCC guidelines, fundamentals of communication, and key topics. Prerequisite(s): Successful completion of AVIO& 102 and AVIO& 201.

Additional Fee: 69.60

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>
44Q3	4 Cr	3:00PM-9:00PM	DAILY	01/02/20-03/20/20	SHC107	Cooper, Dusti		

AVIO& 204 PRINCIPLES OF AVIONICS TROUBLESHOOTING

This course is designed to identify and isolate avionics system faults through a logical approach using a four-step troubleshooting method. Prerequisite(s): Successful completion of AVIO& 102 and AVIO& 201.

Additional Fee: 69.60

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>
44R3	4 Cr	3:00PM-9:00PM	DAILY	01/02/20-03/20/20	SHC107	Cooper, Dusti		

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.

Additional Fee: 54.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0506	5 Cr	8:00AM-10:00AM	WF	01/02/20-03/20/20	21 235	Noffke, Wendy	HYBRID	FULL
0507	5 Cr	10:00AM-12:00PM	WF	01/02/20-03/20/20	21 235	Noffke, Wendy	HYBRID	FULL
0508	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	21 235	Noffke, Wendy	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.

Additional Fee: 54.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	10:00AM-11:50AM	TuTh	01/02/20-03/20/20	21 235	Noffke, Wendy	HYBRID	FULL
0510	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	21 235	Noffke, Wendy	HYBRID	

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.

Additional Fee: 54.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	8:00AM-10:20AM	TuTh	01/02/20-03/20/20	21 231	Galbreath, Ch	ENHANCED	
0512	5 Cr	3:00PM-5:20PM	TuTh	01/02/20-03/20/20	21 231	Perse, Britta	ENHANCED	
0580	5 Cr	8:00AM-11:00AM	F	01/02/20-03/20/20	21 231	Galbreath, Ch	HYBRID	FULL

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.

Additional Fee: 54.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	8:00AM-10:20AM	MW	01/02/20-03/20/20	21 231	Galbreath, Ch	ENHANCED	
0514	5 Cr	11:00AM-1:20PM	MW	01/02/20-03/20/20	21 231	Galbreath, Ch	ENHANCED	FULL

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.

Additional Fee: 54.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0515	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	21 235	Noffke, Wendy	HYBRID	
0581	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	21 235	Noffke, Wendy	HYBRID	FULL

CENTRAL SERVICE/STERILE PROCESSING

MMN 126 PRINCIPLES & METHODS OF CLEANING & DISINFECTION

Includes classroom and laboratory experience in the fundamentals of cleaning and disinfection. Topics include cleaning and disinfecting chemicals, handling and transporting of patient care equipment, and general decontamination protocols for instruments and equipment. Students will gain knowledge and experience with high-level disinfection and flexible endoscopes. The proper and safe handling of infectious waste is included. Web enhanced. Prerequisite(s): Successful completion of MMN 103, MMN 106, MMN 111, MMN 124.

Additional Fee: 71.40

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8303	6 Cr	8:00AM-1:30PM	DAILY	01/02/20-01/30/20	21 107	Griffin, Chri	HYBRID	

MMN 129 PRINCIPLES & PRACTICES OF STERILIZATION

Students learn techniques and practice in the packaging, assembly, and sterilization of procedural trays, instrument sets, and sterile supplies. Major topics include methods of high- and low-temperature sterilization, sterilization chemicals, and packaging materials. Guidelines for point -of -use processing and transport are discussed. Operations, parameters, and maintenance of various sterilizers are learned, as well as monitoring of the sterilization process and quality control. Proper storage and storage concerns for sterile supplies are included. Prerequisite(s): Successful completion of MMN 103, MMN 106, MMN 111, MMN 124, MMN 126.

Additional Fee: 42.00

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>
8313	6 Cr	8:00AM-1:30PM	DAILY	01/31/20-02/28/20	21 107	Griffin, Chri	HYBRID	

MMN 132 MATERIEL MGMT AND CENTRAL SERVICE APPLICATIONS

This course is an overview of the handling and distribution of materiel in a medical facility. Topics covered include inventory management, replenishment methods, and tracking systems. Students become familiar with quality assurance measures and techniques. Prerequisite(s): Successful completion of MMN 103, MMN 106, MMN 111, MMN 124, MMN 126, MMN 129.

Additional Fee: 14.70

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>
8323	3 Cr	8:00AM-1:30PM	DAILY	03/01/20-03/20/20	21 107	Griffin, Chri	HYBRID	

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.

Additional Fee: 33.80

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>
0586	5 Cr	5:30PM-7:30PM	WTh	01/02/20-03/19/20	15 105	Hillelson, La		
0516	5 Cr	8:00AM-9:50AM	M	01/06/20-03/20/20	15 105	Faust, Derek	HYBRID	
0517	5 Cr	10:00AM-11:50AM	M	01/06/20-03/20/20	15 105	Faust, Derek	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.

Additional Fee: 58.30

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>
0518	5 Cr	2:00PM-3:50PM	F	01/02/20-03/20/20	15 105	Keenan, Leo	HYBRID	

CHEM& 131 INTRODUCTION TO ORGANIC/BIOCHEMISTRY

This course is a survey of organic and biochemistry. The following topics are covered: Nomenclature of organic matter, alcohols, alkenes, organic acids and bases, amines & amides, carbohydrates, proteins, enzymes, nucleic acids, and metabolic pathways.

Additional Fee: 58.30

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>
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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>
2P03	3 Cr	7:00AM-7:50AM	TuWTh	01/02/20-03/20/20	14 102	Van Beek, Car	HYBRID	FULL
2P13	3 Cr	8:00AM-8:50AM	TuWTh	01/02/20-03/20/20	03 205	Watts, Bryant	HYBRID	
2P23	3 Cr	8:00AM-8:50AM	TuWTh	01/02/20-03/20/20	16 113	Mccoy, Jovan	HYBRID	
2P33	3 Cr	9:00AM-9:50AM	TuWTh	01/02/20-03/20/20	17 220	Phillips, Hal	HYBRID	
2P43	3 Cr	9:00AM-9:50AM	TuWTh	01/02/20-03/20/20	16 116	Mollas, Tula	HYBRID	
2P53	3 Cr	10:00AM-10:50AM	TuWTh	01/02/20-03/20/20	17 220	Phillips, Hal	HYBRID	FULL
2P63	3 Cr	11:00AM-11:50AM	TuWTh	01/02/20-03/20/20	17 220	Vano, Jennie	HYBRID	FULL
2P73	3 Cr	12:00PM-12:50PM	TuWTh	01/02/20-03/20/20	17 240	Crouchet, Cri	HYBRID	FULL
2P83	3 Cr	1:00PM-1:50PM	TuWTh	01/02/20-03/20/20	17 220	Phillips, Hal	HYBRID	FULL
2P93	3 Cr	2:00PM-2:50PM	TuWTh	01/02/20-03/20/20	17 220	Phillips, Hal	HYBRID	
2PA3	3 Cr	3:00PM-3:50PM	TuWTh	01/02/20-03/20/20	21 107	Mccoy, Jovan	HYBRID	
2PB3	3 Cr	4:00PM-4:50PM	MTuW	01/02/20-03/20/20	15 112	Davis, Jane	HYBRID	
2PC3	3 Cr	2:00PM-3:50PM	Tu	01/02/20-03/20/20	14 208	Latiolais, Sc	HYBRID	FULL
2PF3	3 Cr	2:00PM-3:50PM	M	01/02/20-03/20/20	10 118	McGovern, Tay	HYBRID	
2PG3	3 Cr	2:00PM-3:50PM	Th	01/02/20-03/20/20	16 113	Solbrack, Ann	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>
2PD3	3 Cr	1:00PM-2:50PM	W	01/02/20-03/20/20	SHC114	Phillips, Hal	HYBRID	

COMPUTER APPLICATIONS

CAS 105 KEYBOARDING

Use computers to develop touch control and proper keyboarding techniques; introduction to basic word-processing functions. Does not meet Computer Literacy (CL) requirement.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5703	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Reygers, 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.

Additional Fee: 14.70

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>
2003	3 Cr	9:00AM-10:50AM	Th	01/02/20-03/20/20	11 112	Caro, Christi	HYBRID	FULL

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.

Additional Fee: 14.70

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>
2013	3 Cr	12:00PM-12:50PM	MW	01/02/20-03/20/20	11 112	Ruby, Michael	HYBRID	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.

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>
2023	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Bonner, Lapri	ONLINE	FULL

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.

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>
2033	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
2043	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Dorum, Lucy	ONLINE	FULL

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.

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>
2053	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Carey, Jessi	ONLINE	

CAS 151 ACCESS I

Develop basic relational databases as you create, edit, format, and print tables, queries, forms, and reports. Copy records and import tables from another Access database. Define field properties and create relationships. Run, sort, and filter queries. Use comparison and logical operators, and perform calculations. Explore the basics of creating a cohesive database.

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>
2063	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Cooke, Suzann	ONLINE	

COMPUTER PROGRAMMING AND WEB DEVELOPMENT

CPW 142 JAVA OBJECT-ORIENTED PROGRAMMING I

Construct a foundation of procedural programming concepts and skills requisite for professional object-oriented software development. Use Java, a modern-structured, object-oriented language, to develop your problem-solving and algorithm formulation skills. Prerequisite(s): Successful completion of CPW 101 and MAT 094.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5403	5 Cr	9:00AM-12:00PM	TuTh	01/02/20-03/19/20	11 111W	Meerdink, Ken	ENHANCED	

CPW 205 OBJECT-ORIENTED ANALYSIS & DESIGN

Explore methodologies and technologies used in analyzing, designing, and developing object-oriented software systems intended to solve real-world problems. Build on the Systems Development Life Cycle model initially presented in the CPW 101 course to model and design systems using tools such as CRC cards and the Unified Modeling Language, which includes class, use case, and sequence diagrams. Discuss the theoretical and practical aspects of object orientation. Prerequisite(s): Successful completion of CPW 245.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5423	5 Cr	1:00PM-4:00PM	MW	01/06/20-03/18/20	11 111W	Meerdink, Ken	ENHANCED	

CPW 210 ADVANCED DATABASE PROGRAMMING

Advanced database programming using a commercial relational database management system. Perform object creation, manipulation, and control using SQL. Write simple and complex queries to solve problems. Create advanced objects like stored procedures and triggers. Explore non-relational systems and business intelligence. Prerequisite(s): Successful completion of CPW 101, CPW 150.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5453	5 Cr	1:00PM-4:00PM	TuTh	01/02/20-03/19/20	11 111E	Ortiz, Joseph	HYBRID	

CPW 212 ADVANCED .NET PROGRAMMING

Learn advanced .NET programming ' writing classes, working with indexers, overloading operators, and other advanced object-oriented concepts. Work with databases using ADO.NET, databinding, and object-relational mappers. Learn techniques for working non-relational data storage. Prerequisite(s): Successful completion of CPW 116.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5463	5 Cr	1:00PM-4:00PM	MW	01/06/20-03/18/20	11 111E	Ortiz, Joseph	HYBRID	

CPW 213 .NET WEB PROGRAMMING

Earn professional experience in analyzing, designing, and developing dynamic, data-driven, commercial web applications using Microsoft ASP.NET. Gain a solid foundation in web development covering topics from state management, security, using various data stores, working with forms, and more. Prerequisite(s): Successful completion of CPW 116 and CPW 203. Prerequisite or Co-requisite: CPW 212.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5473	5 Cr	9:00AM-12:00PM	TuTh	01/02/20-03/19/20	11 111E	Ortiz, Joseph	HYBRID	

CPW 217 PORTFOLIO

Build a portfolio website showcasing skills developed in the Computer Programming and Web Development program. Create a fully functional website from start to finish. Analyze and derive requirements by creating a project proposal or by working with an actual client. Larger projects will utilize source control and emphasize team work. Prerequisite(s): Successful completion of CPW 215.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5483	5 Cr	10:00AM-12:00PM	F	01/03/20-03/20/20	11 111E	Ortiz, Joseph	HYBRID	

CPW 218 C++

Deals with learning programming using C++ as the primary language, with a focus on problem-solving and introduction to object-oriented concepts and terms. Prerequisite(s): Successful completion of CPW 245.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5433	5 Cr	1:00PM-4:00PM	TuTh	01/02/20-03/19/20	11 111W	Meerdink, Ken	HYBRID	

CPW 223 INTRODUCTION TO JAVASCRIPT

Introduces the fundamentals of working with JavaScript. Applies variables, objects, arrays, strings, conditional statements, and external data to create dynamic, interactive web pages.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5443	5 Cr	9:00AM-12:00PM	MW	01/06/20-03/18/20	11 111E	Ortiz, Joseph	HYBRID	

CPW 245 DATA & LOGIC STRUCTURES

Expand your understanding of object-oriented programming techniques by implementing abstract data types as data structures in solving complex computing problems. Study the fundamental algorithms of computer science while using mathematical principles to analyze the efficiency of their implementation. Prerequisite(s): Successful completion of CPW 143.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5413	5 Cr	9:00AM-12:00PM	MW	01/06/20-03/18/20	11 111W	Meerdink, Ken	ENHANCED	

COMPUTER NETWORKING AND INFORMATION SYSTEMS SECURITY (CNIS)

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.

Additional Fee: 76.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4703	5 Cr	8:00AM-3:00PM	MWF	01/03/20-02/07/20	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.

Additional Fee: 71.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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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4713 4 Cr 8:00AM-3:00PM MWF 02/10/20-03/20/20 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.

Additional Fee: 76.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4723	5 Cr	12:00PM-3:00PM	TuTh	01/02/20-03/19/20	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.

Additional Fee: 76.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4733	5 Cr	8:00AM-3:00PM	MWF	01/03/20-02/07/20	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.

Additional Fee: 71.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4743	4 Cr	8:00AM-3:00PM	MWF	02/10/20-03/20/20	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.

Additional Fee: 71.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4753	4 Cr	12:00PM-2:00PM	TuTh	01/02/20-03/19/20	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.

Additional Fee: 71.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4763	4 Cr	12:00PM-3:00PM	TuTh	01/02/20-03/19/20	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.

Additional Fee: 71.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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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4773 4 Cr 8:00AM-11:00AM TuTh 01/02/20-03/19/20 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.

Additional Fee: 76.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4783	5 Cr	8:00AM-11:00AM	TuTh	01/02/20-03/19/20	16 207	Lanphier, Jay	ENHANCED	

NSS 145 SERVER SECURITY

Introduces the use of security best practices to harden server operating systems. Successful students will manage the protection of ActiveDirectory by implementing Group Policy changes, reading log files, and integrating threat management detection systems to defend server operating systems. Pre-requisite: Successful completion of NSS 139

Additional Fee: 71.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4793	4 Cr	12:00PM-3:00PM	TuTh	01/02/20-03/19/20	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.

Additional Fee: 71.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47A3	4 Cr	8:00AM-11:00AM	TuTh	01/02/20-03/19/20	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.

Additional Fee: 76.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47B3	5 Cr	12:00PM-3:00PM	MWF	01/03/20-03/20/20	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

Additional Fee: 71.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47C3	4 Cr	8:00AM-11:00AM	MWF	01/03/20-03/20/20	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.

Additional Fee: 71.60

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>
47D3	4 Cr	8:00AM-10:30AM	TuTh	01/02/20-03/19/20	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.

Additional Fee: 23.80

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>
47F3	2 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Additional Fee: 76.50

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>
47G3	5 Cr	8:00AM-11:00AM	MWF	01/03/20-03/20/20	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.

Additional Fee: 76.50

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>
47H3	5 Cr	12:00PM-3:00PM	MWF	01/03/20-03/20/20	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.

Additional Fee: 23.80

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>
47J3	2 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Additional Fee: 76.50

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>
47K3	5 Cr	8:00AM-11:00AM	MTuWTh	01/02/20-02/13/20	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.

Additional Fee: 66.70

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>
47L3	3 Cr	8:00AM-11:00AM	F	01/03/20-03/20/20	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.

Additional Fee: 71.60

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>
47M3	4 Cr	12:00PM-3:00PM	MTuWTh	01/02/20-02/13/20	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.

Additional Fee: 66.70

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>
47N3	3 Cr	12:00PM-3:00PM	F	01/03/20-03/20/20	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.

Additional Fee: 76.50

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>
47P3	5 Cr	8:00AM-11:00AM	MTuWTh	02/18/20-03/19/20	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.

Additional Fee: 76.50

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>
47Q3	5 Cr	12:00PM-3:00PM	MTuWTh	02/18/20-03/19/20	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.

Additional Fee: 76.50

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>
47R3	5 Cr	8:00AM-11:00AM	MWF	01/03/20-02/12/20	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.

Additional Fee: 76.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47S3	5 Cr	8:00AM-11:00AM	MWF	02/19/20-03/20/20	16 209	Turner, Jeffr	ENHANCED	

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.

Additional Fee: 76.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47U3	5 Cr	8:00AM-11:00AM	TuThF	01/02/20-02/11/20	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).

Additional Fee: 66.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47T3	3 Cr	12:00PM-3:00PM	MWF	01/03/20-03/20/20	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.

Additional Fee: 76.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47V3	5 Cr	8:00AM-11:00AM	TuThF	02/13/20-03/20/20	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).

Additional Fee: 66.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
47W3	3 Cr	12:00PM-3:00PM	TuThF	01/02/20-03/20/20	16 209	Turner, Jeffr		

CONSTRUCTION

CONST 112 FOOTINGS & FOUNDATIONS

Introduction to the methods of construction footing and foundation forms, terminology and inspections for the typical residential home. ""

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2203	3 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Saucedo, Chis		

CONST 116 FLOOR FRAMING

Introduction to the construction procedures and terminology used in framing a residential wood floor. ""

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2213	3 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Quinlan, Jame		

CONST 120 WALL FRAMING, SHEETING & CEILINGS

Introduction to wall framing construction procedures and terminology, the application of ceiling and/or two-story framing, inspections, sheeting, and aligning. ""

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2223	5 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Saucedo, Chis		

CONST 142 INTERIOR FINISH II

Continuation of interior wall and ceiling finish, interior doors and hardware, cabinet and counter top installation, interior trim, and finish flooring.

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2253	3 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Quinlan, Jame		

CONST 144 ELECTRICAL & PLUMBING BASICS

Introduction to basic home electrical, switches, outlets, wiring, and plumbing pipes, drains, faucets and leaks.

Prerequisite(s): Instructor's permission.

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2233	4 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Quinlan, Jame		

CONST 152 LEED

Introduction to LEED for new construction and renovations. Prerequisite(s): Instructor's permission.

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2283	2 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Quinlan, Jame		

CONST 155 DECKING

Introduction to outside deck construction, including types, code requirements, and safety. Prerequisite(s): Instructor's permission.

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2293	2 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Quinlan, Jame		

CONST 158 ENERGY AUDITOR

Introduction to trade regulations, other building trades workers, industry and standards organization, and entering the carpentry trade. Prerequisite(s): Instructor's permission.

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
22A3	5 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Quinlan, Jame		

CONST 160 HOME INSPECTOR

Overview of equipment, technology, systems, and software used to measure a building's structural and physical integrity. Prerequisite(s): Instructor's permission.

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
22B3	4 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Quinlan, Jame		

CONSTRUCTION - SUSTAINABLE BUILDING SCIENCE

SBS 107 SUSTAINABLE BUILDING BASICS

Overview of sustainable "green" building models, with a focus on energy, indoor health, natural resources and other environmental impact.

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2243	4 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Quinlan, Jame		

SBS 121 SURVEY OF ENERGY RATINGS

Introduction to the current and emerging efficiency standards for measuring energy usage and consumption, including but not limited to Energy Star, BPI, LEED, Built Green, etc. Prerequisite(s): Instructor's permission.

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2273	3 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	05 100	Quinlan, Jame		

SBS 130 ALTERNATIVE ENERGY SYSTEMS

An overview of existing and emerging approaches to energy production for use in residential and commercial structures, including but not limited to, solar/ photovoltaics, wind, geothermal, biofuels, etc.

Additional Fee: 32.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2263	5 Cr	8:00AM-2:30PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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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3003	5 Cr	8:00AM-8:50AM	DAILY	01/02/20-03/20/20	21 109	Freyre, Marie		
3013	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Freyre, Marie	ONLINE	
3023	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Scott, Patric	ONLINE	
3033	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.'

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3043	5 Cr	10:00AM-10:50AM	MWTh	01/06/20-03/19/20	21 106	Mandley, L	HYBRID	FULL
3053	5 Cr	11:00AM-11:50AM	MWTh	01/06/20-03/19/20	21 106	Mandley, L	HYBRID	
3063	5 Cr	ARRANGED	ARRANGED	01/06/20-03/19/20	ON LINE	Mandley, L	ONLINE	FULL
3073	5 Cr	3:00PM-5:30PM	MW	01/06/20-03/18/20	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.

Additional Fee: 88.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5303	2 Cr	7:30AM-3:00PM	TuWThF	01/02/20-01/07/20	08 207	Codrington, E	HYBRID	FULL

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 parasites.

Additional Fee: 88.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5313	4 Cr	7:30AM-3:00PM	TuWThF	01/08/20-01/24/20	08 207	Codrington, E	HYBRID	FULL

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.

Additional Fee: 88.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5323	13 Cr	7:30AM-3:00PM	TuWThF	01/28/20-03/20/20	08 207	Codrington, E	HYBRID	FULL

COSMO 143 CHEMICAL TEXTURIZING

This course presents the three main concepts of chemical texturizing: perming, chemical relaxing, and curl reforming. It covers the theory of perming, tool use to achieve desired effect, infection control, safety and first aid, client consultation, and patterns of perming. Prerequisite: Successful completion of COSMO 166 and COSMO 247.

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>
5203	5 Cr	8:30AM-4:00PM	MTuWTh	01/02/20-03/20/20	WCC128	Frink, Barb		

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.

Additional Fee: 88.65

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>
5393	5 Cr	7:30AM-3:00PM	TuWThF	01/08/20-01/29/20	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.

Additional Fee: 88.65

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>
5333	5 Cr	7:30AM-3:00PM	WTh	01/02/20-02/13/20	08 208	Chiaro, Loree	HYBRID	

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.

Additional Fee: 102.65

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>
5343	7 Cr	7:30AM-3:00PM	TuF	01/10/20-03/13/20	08 CL#3	Chiaro, Loree	HYBRID	

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.

Additional Fee: 58.10

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>
5363	9 Cr	7:30AM-3:00PM	TuWThF	02/04/20-03/20/20	08 CL#1	Maguire, Patr		

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.

Additional Fee: 88.65

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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5353 6 Cr 7:30AM-3:00PM WTh 02/19/20-03/19/20 08 208 Chiaro, Loree HYBRID

COSMO 170 LAB CLINIC III

Hands-on learning experience in Clover Park Technical College's student clinic. The learner will continue skills applied in Lab Clinic I and II, in addition to advanced design services. Prerequisite: Successful completion of COSMO 166 and COSMO 224. "

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5213	9 Cr	8:30AM-4:00PM	MTuWTh	01/02/20-03/20/20	WCC128	Frink, Barb		

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.

Additional Fee: 102.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
53A3	10 Cr	7:30AM-3:00PM	TuWThF	01/30/20-03/20/20	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>
53B3	3 Cr	7:30AM-3:00PM	TuWThF	01/02/20-01/07/20	08 205	Deleon, Carin	HYBRID	FULL

COSMO 179 STUDY OF NAILS

An introduction to the fundamental principles of manicuring and nail care. Topics include basic nail theory, nail disease and disorder, and anatomy of the hands. Prerequisite: Successful completion of COSMO 166. "

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5223	3 Cr	8:30AM-4:00PM	MTuWTh	01/02/20-03/20/20	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>
5373	2 Cr	7:30AM-3:00PM	TuWThF	01/02/20-01/07/20	08 205	Maguire, Patr	HYBRID	

COSMO 186 STUDY OF SKIN

An introduction to the principles of esthetics. Topics include temporary hair removal, basic skin care, skin diseases and disorders, physiology and histology of the skin, and waxing services. Prerequisite: Successful completion of COSMO 166. "

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5233	3 Cr	8:30AM-4:00PM	MTuWTh	01/02/20-03/20/20	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.

Additional Fee: 88.65

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>
5383	8 Cr	7:30AM-3:00PM	TuWThF	01/08/20-01/31/20	08 205	Maguire, Patr	HYBRID	

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.

Additional Fee: 88.65

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>
53C3	4 Cr	7:30AM-3:00PM	TuWThF	01/02/20-01/10/20	08 CL#4	Frederick, Sa	HYBRID	FULL

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.

Additional Fee: 63.00

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>
53D3	10 Cr	7:30AM-3:00PM	WThF	01/15/20-03/13/20	08 CL#4	Frederick, Sa		FULL

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.

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>
53F3	3 Cr	7:30AM-3:00PM	Tu	01/14/20-01/21/20	08 205	Frederick, Sa	HYBRID	FULL

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.

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>
53G3	3 Cr	7:30AM-3:00PM	TuWThF	02/17/20-03/20/20	08 CL#4	Frederick, Sa	HYBRID	FULL

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. "

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>
53H3	1 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
53J3	2 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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. "

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>
53K3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
5243	4 Cr	8:30AM-4:00PM	MTuWTh	01/02/20-03/20/20	WCC128	Frink, Barb		
53L3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
53M3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ARR	Frederick, Sa		

CULINARY ARTS

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.

Instructor Permission required.

Additional Fee: 147.85

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>
3203	7 Cr	9:00AM-1:45PM	WThF	01/02/20-03/20/20	31 100	Massey, Richa		

CUL 113 INTRODUCTION TO BAKING

Introduces culinary students to the fundamentals of baking and to scientific principles. Students will learn different mixing and production methods in producing quick breads, pastries, cakes, pies, souffl's, mousses, and custards.

Instructor Permission required.

Additional Fee: 147.85

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>
3213	3 Cr	9:00AM-2:00PM	MTu	01/06/20-02/10/20	31 100	Massey, Richa	ENHANCED	

CUL 117 PROFESSIONAL COOKING II

Covers the procedures and techniques of sauces and stocks. Students will learn how to prepare a variety of classic hot and cold sauces, use thickening agents properly, recognize and classify sauces, and prepare a variety of stocks.

Instructor Permission required.

Additional Fee: 182.15

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>
3223	7 Cr	7:00AM-9:00AM	DAILY	01/02/20-03/20/20	31 100	Massey, Richa	ENHANCED	

CUL 119 FOOD PREPARATION II

Provides practice in the fundamental techniques related to hot food cooking. Students will perform specific competencies to develop their proficiency in the techniques and science of cooking. Topics that will be covered are pasta, potatoes and grain cookery.

Instructor Permission required.

Additional Fee: 162.55

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>
3233	3 Cr	9:00AM-2:00PM	MTu	02/11/20-03/17/20	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.

Instructor Permission required.

Additional Fee: 147.85

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>
3243	7 Cr	9:00AM-1:45PM	WThF	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 147.85

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>
3253	7 Cr	9:00AM-1:45PM	WThF	01/02/20-03/20/20	31 100	Massey, Richa		

DENTAL ASSISTANT

DAS 120 DENTAL SCIENCES II

Explores the general characteristics and uses of dental materials and covers oral pathology conditions in the oral cavity. This course is also designed to provide the necessary information to accurately identify each of the body's systems and functions and how they interact with each other. Students will explore the structures of the head and oral cavity.

Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, and 118 prior to continuing in the Dental Assistant Program. LAB SCHEDULE: MTWTH, 8:30AM to 11:30 AM, 01/08/20-03/19/20. BUILDING 14, ROOM 107.

Additional Fee: 24.50

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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7703 5 Cr 12:00PM-1:00PM Tu 01/08/20-03/19/20 21 109 Wirth, R HYBRID

DAS 125 DENTAL ASSISTING SKILLS II

Introduces students to advanced study model principles, coronal polish and fluoride treatments, and advanced moisture control, including the application of rubber dams, intermediate charting, and dental instruments and hand pieces.

Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, and 118 prior to continuing in the Dental Assisting Program. LAB SCHEDULE: MTWTH, 8:30AM TO 11:30AM, 01/10/20-03/19/20. BUILDING 14 ROOM 107.

Additional Fee: 29.40

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7713	6 Cr	12:00PM-1:00PM	M	01/07/20-01/28/20	21 109	Wirth, R	HYBRID	

DAS 130 DENTAL SPECIALITIES I

Explores in depth the dental specialties of endodontics, orthodontics, and periodontics. This course introduces students to periodontal charting. Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, and 118 prior to continuing in the Dental Assistant Program. LAB SCHEDULE: MTWTH, 8:30AM TO 11:30AM, 01/02/20-03/20/20. BUILDING 14 ROOM 107.

Additional Fee: 14.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7723	3 Cr	12:00PM-1:00PM	Th	01/10/20-03/19/20	21 109	Wirth, R	HYBRID	

DAS 135 PRINCIPLES OF RADIOGRAPHY II

Introduces students to intraoral and extraoral radiographic imaging, legal issues associated with radiography, and manual and automatic processing techniques. Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, and 118 prior to continuing in the Dental Assistant Program.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7733	5 Cr	12:00PM-1:00PM	W	01/02/20-03/20/20	21 109	Wirth, R	HYBRID	

DAS 140 CERTIFICATION REVIEW I

Prepares students to take the Infection Control Exam through the Dental Assistant National Board. Prerequisite(s): Students must successfully complete DAS 103, 105, 110, 113, 116, and 118 prior to continuing in the Dental Assistant Program.

Additional Fee: 296.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7743	1 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Wirth, R	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.

Instructor Permission required.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
77B3	1 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ARR	Precour, Hann		FULL

DAS 239 CLINICAL EXPERIENCE II

Provides Dental Assistant students with the opportunity to use the advanced skills and information acquired in DAS 103-

237. Students will spend 270 hours rotating through a minimum of two private offices or dental clinics. Prerequisite(s): Student must successfully complete DAS 103, 105, 110, 113, 116, 118, 120, 125, 130, 135, 140, 223, 224, 226, 228, and 237, Infection Control certification, all college-level general education courses, and the Radiation Health & Safety component prior to continuing in the Dental Assistant Program.

Additional Fee: 14.00

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>
7753	10 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Precour, Hann	ONLINE	

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.

Additional Fee: 296.70

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>
7763	1 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Precour, Hann	ONLINE	

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>
7773	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
7783	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Wirth, R	ONLINE	FULL

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>
7793	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
77A3	2 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Wirth, R	ONLINE	

DIGITAL ENTERTAINMENT DESIGN AND PRODUCTION

DED 110 DIGITAL PHOTOGRAPHY I

This introductory-level course familiarizes students with the basics of cameras, the new features of today's DSLRs, and the basic elements of taking a good photograph. Students will explore the work of great artists of the medium, learn the elements of composition, and begin working with light and shadow to create visually interesting images.

Additional Fee: 44.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9003	4 Cr	1:00PM-6:00PM	M	01/06/20-03/16/20	11 107	Felch, Chris	ENHANCED	

DED 112 DIGITAL ART II

Focuses on Adobe Illustrator and learning to use the advanced tools within this professional vector editing software. Students will learn how to create high-quality illustrations, logos, graphs, diagrams, adverts, web sites, and web or print layouts for clients, while increasing their productivity and incorporating best practice into their workflow. Prerequisite(s): Successful completion of DED 106.

Additional Fee: 44.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9013	4 Cr	1:00PM-6:00PM	Tu	01/07/20-03/17/20	11 106	Geary, Shawn	ENHANCED	

DED 130 STORYBOARDING

Teaches students how to break down a script into shots and create a visual storyboard that shows actor and camera movements while showing the type of camera angle and shot. Prerequisite(s): Successful completion of DED 104.

Additional Fee: 39.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9023	3 Cr	1:00PM-5:00PM	W	01/08/20-03/18/20	11 142	Geary, Shawn	ENHANCED	

DED 135 MOTION GRAPHICS I

Uses 2D and 3D compositing, animation, and visual effects tools to allow students to create innovative graphics and visual effects for film, video, broadcast, DVD, and the web. Using Adobe After Effects, students will learn the concepts of video, time-based animation, and special effects. They will explore program features that include key framing, editing, masking, type, 3D environment, and tools. Importing media from a wide variety of applications, including Adobe Photoshop and QuickTime files will also be covered.

Additional Fee: 44.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9033	4 Cr	1:00PM-6:00PM	Th	01/02/20-03/19/20	11 107	Felch, Chris	ENHANCED	

DED 140 DIGITAL VIDEO II

Continues students' education from Digital Video I by extending their knowledge to more hands-on lessons of film production. This includes, but is not limited to, creating master shots and the use of common shot types. Prerequisite(s): Successful completion of DED 125.

Additional Fee: 44.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9043	4 Cr	1:00PM-6:00PM	M	01/06/20-03/16/20	11 142	Geary, Shawn	ENHANCED	

DED 147 ADVANCED DESIGN THEORY

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 reflect 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.

Additional Fee: 44.60

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>
9093	4 Cr	10:30AM-1:00PM	MTu	01/06/20-03/17/20	11 107	Felch, Chris	ENHANCED	

DED 152 MOTION GRAPHICS II

Motion Graphics II will build on from the previous course, Motion Graphics I, working on more advance features in Adobe After Effects. Students will be going more in-depth with the features such as particles, photo replacements, and integrating 3D models into scenes to create digital effects for scenes.

Additional Fee: 44.60

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>
9053	4 Cr	1:00PM-6:00PM	Tu	01/07/20-03/17/20	11 107	Felch, Chris	ENHANCED	

DED 154 GAME DESIGN I

Introduces the fundamentals of game design and development with a focus on rapid prototyping through pen and paper design. This course will also build a foundational knowledge of genre and basic elements of games and their interaction with each other.

Additional Fee: 39.70

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>
9083	3 Cr	1:00PM-5:00PM	F	01/03/20-03/20/20	11 142	Felch, Chris	ENHANCED	

DED 158 3D MODELING II

Students will be taking their education in the 3D world another step further by learning to create textures for their 3D Models. If it's for an abstract style or going with the gritty detailed look. This class will discuss the importance of file size and formats for a variety of purposes they go into creating detailed textures. We will be creating a variety of texture maps like UV Mapping, diffused, opacity, bump, normal, specular, and reflection maps to really bring our models to life.

Additional Fee: 44.60

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>
9063	4 Cr	1:00PM-6:00PM	W	01/08/20-03/18/20	11 107	Felch, Chris	ENHANCED	

DED 159 CAPSTONE/INTERNSHIP

This course consists of either a major project representing the culmination of the student's learning in the program OR a full or part time position as an intern in either the public or private sector. The project must be approved by the instructor, show the breadth of skill acquired in the program, and requires the student to use the entire production cycle, including their preproduction paperwork. The students will also be required to keep an online journal of their project and report in at least once a week with updates on their progress. The internship a temporary position, where the student gains confidence and experience in a chosen area of employment. Students experience on-the-job opportunities as well as making 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.

Additional Fee: 44.60

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>
90B3	4 Cr	10:30AM-1:00PM	F	01/03/20-03/20/20	11 107	Geary, Shawn	ENHANCED	

DED 172 SCENE DESIGN

Scene Design covers the use of lighting, design, and symbolism to create environments that enhance the story while providing optimum shooting potential.

Additional Fee: 44.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9073	4 Cr	1:00PM-6:00PM	Th	01/02/20-03/19/20	11 142	Geary, Shawn	ENHANCED	

DED 175 DEVELOPMENT PROJECT

An instructor led major project involving the full class. Each student will be given a role to fulfill in the project just as in a professional Film or Game production studio. Pre-requisite(s): Successful completion of DED 200, DED 112, DED 150.

Additional Fee: 44.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
90A3	4 Cr	10:30AM-1:00PM	WTh	01/02/20-03/19/20	11 107	Felch, Chris	ENHANCED	

EARLY CARE AND EDUCATION

ECE 120 INTERPERSONAL SKILLS FOR THE ECE PROFESSIONAL

Covers human relations roles and workplace skills. Roles and information on balancing individual technical skills with human relations and competencies 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>
4113	2 Cr	5:30PM-8:30PM	Th	01/02/20-02/20/20	10 205	Chase-Deitri		

ECE 134 ISSUES AND TRENDS GREEN

Research topics that cover some of the current sustainable practices and trends in the ECE field.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41K3	2 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	10 111	Colombini, Li		

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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4183	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4193	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41A3	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41B3	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	10 111	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.

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>
410Z	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Felch, Linda	ONLINE	
4103	3 Cr	ARRANGED	ARRANGED	01/06/20-03/16/20	ON LINE	Felch, Linda	ONLINE	

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.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41L3	2 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	10 111	Colombini, Li		

ECED& 132 INFANTS AND TODDLERS - NURTURING CARE

Examine the unique developmental needs of infants and toddlers. Study the role of the caregiver, relationships with families, developmentally-appropriate practices, nurturing environments for infants and toddlers, and culturally relevant care.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4153	3 Cr	6:00PM-9:30PM	Th	01/09/20-03/12/20	10 111	Lockhart, Sal	HYBRID	FULL

ECED& 139 ADMINISTRATION OF EARLY LEARNING PROGRAMS

Develop administrative skills required to develop, open, operate, manage, and assess early childhood education and care programs. Explore techniques and resources available for Washington State licensing and National Association for the Education of Young Children (NAEYC) standard compliance.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41M3	3 Cr	6:00PM-9:00PM	W	01/08/20-03/18/20	10 111	Havens, Amber	HYBRID	

ECS 100B SPECIAL TOPICS - FALL**LAKWOOD CAMPUS**

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	OFFCAMP	Holland-Oher		
1302	Var	ARRANGED	ARRANGED	01/02/20-03/20/20	OFFCAMP	Chase-Deitri		
1303	Var	ARRANGED	ARRANGED	01/02/20-03/20/20	OFFCAMP	Holland-Oher		
1304	Var	ARRANGED	ARRANGED	01/02/20-03/20/20	OFFCAMP	Chase-Deitri		
1305	Var	ARRANGED	ARRANGED	01/02/20-03/20/20	OFFCAMP	Colombini, Li		
1306	Var	ARRANGED	ARRANGED	01/02/20-03/20/20	OFFCAMP	Holland-Oher		
1307	Var	ARRANGED	ARRANGED	01/02/20-03/20/20	OFFCAMP	Colombini, Li		
1309	Var	ARRANGED	ARRANGED	01/02/20-03/20/20	OFFCAMP	Felch, Linda		

1310	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Felch, Linda	
1311	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Felch, Linda	
1312	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Holland-Oher	
1313	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1315	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Holland-Oher	
1316	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Felch, Linda	
1317	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Chase-Deitri	
1319	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Felch, Linda	
1321	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Prenoveau, Su	
1322	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Colombini, Li	
1323	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1328	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Colombini, Li	
1330	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Holland-Oher	
1332	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Felch, Linda	
1333	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Holland-Oher	
1334	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1340	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Holland-Oher	
1341	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Chase-Deitri	
1342	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Holland-Oher	
1346	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Holland-Oher	
1355	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1360	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1362	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Holland-Oher	
1366	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Chase-Deitri	
1369	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Chase-Deitri	
1370	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Prenoveau, Su	
1375	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Felch, Linda	
1377	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Felch, Linda	
1382	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Chase-Deitri	
1383	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Colombini, Li	
1384	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1388	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1389	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1390	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1391	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Holland-Oher	FULL
1393	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1394	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Edmondson, Re	
1398	Var	ARRANGED	ARRANGED 01/02/20-03/20/20 OFFCAMP Felch, Linda	

ECS 183 PRACTICUM III

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

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4133	5 Cr	4:00PM-5:00PM	M	01/06/20-03/16/20	10 111	Colombini, Li		

ECS 217 PRACTICUM IV INFANTS AND TODDLERS

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

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41C3	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	10 111	Colombini, Li		

ECS 230 PRACTICUM IV SCHOOL AGE

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

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41D3	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	10 111	Colombini, Li		

ECS 235 ISSUES AND TRENDS

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

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4173	2 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	10 111	Colombini, Li		

ECS 277 PROFESSIONALISM

Examines NAEYC's Code of Ethical Conduct. Includes determining an Early Childhood professional's responsibilities to children, families, colleagues, and the community, utilizing frameworks for ethical decision-making and exploration of personal and professional growth.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4163	2 Cr	6:00PM-9:00PM	W	01/08/20-03/11/20	10 205	Edmondson, Re		

ECS 286 PRACTICUM IV - LEADERSHIP

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

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41F3	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	10 111	Colombini, Li		

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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41G3	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41H3	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	10 111	Colombini, Li		

ECS 290 MENTORING IN ECE

Fundamental skills needed for early childhood mentors who practice as trainers and coaches. Covers concepts of adult learning, communication, observation, feedback, and conflict resolution. Text 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>
41N3	1 Cr	6:00PM-9:00PM	M	02/24/20-03/16/20	10 205	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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41J3	3 Cr	5:00PM-6:00PM	M	01/06/20-03/16/20	10 111	Colombini, Li		

EDUC& 115 CHILD DEVELOPMENT

Build a functional understanding of the foundation of child development, prenatal to early adolescence. Observe and document physical, social, emotional and cognitive development of children, reflective of cross-cultural and global perspectives.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4123	5 Cr	6:15PM-10:30PM	M	01/06/20-03/16/20	10 111	Felch, Linda	HYBRID	FULL

EDUC& 130 GUIDING BEHAVIOR

Examine the principles and theories promoting social competence in young children and creating safe learning environments. Develop skills promoting effective interactions, providing positive individual guidance, and enhancing group experiences.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4143	3 Cr	6:00PM-9:15PM	Tu	01/07/20-03/10/20	10 111	Colombini, Li		

EDUC& 134 FAMILY CHILD CARE MANAGEMENT

Learn the basics of family home childcare program management. Topics include: licensing requirements; business management; relationship building; health, safety, and nutrition; guiding behavior; and promoting growth and 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>
41P3	3 Cr	ARRANGED	ARRANGED	01/13/20-03/16/20	ON LINE	Havens, Amber	ONLINE	

EDUC& 136 SCHOOL AGE CARE MANAGEMENT

Students will develop skills to provide developmentally appropriate and culturally relevant activities and care, specifically: preparing the environment, implementing curriculum, building relationships, guiding academic/social skill development, and community outreach.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
41Q3	3 Cr	ARRANGED	ARRANGED	01/13/20-03/16/20	ON LINE	Havens, Amber	ONLINE	

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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5803	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5813	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5823	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5833	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5843	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5853	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5863	6 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5873	6 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5883	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5893	2 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58A3	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58B3	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58C3	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58D3	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58F3	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 26.25

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
58G3	7 Cr	7:30AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 24.50

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>
5W01	5 Cr	1:00PM-1:50PM	MTuW	01/06/20-03/18/20	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.

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>
5B83	5 Cr	1:45PM-2:47PM	MTuWTh	01/02/20-03/20/20	14 100	Quincy, Denis		
5W03	5 Cr	2:00PM-2:50PM	MTuW	01/02/20-03/19/20	16 116	Mollas, Tula	HYBRID	
5W28	5 Cr	3:00PM-3:50PM	MTuWTh	01/02/20-03/20/20	14 212	Wegley, Mark	HYBRID	
5W29	5 Cr	3:00PM-3:50PM	MTuWTh	01/02/20-03/20/20	14 212	Wegley, Mark	HYBRID	
5W30	5 Cr	11:00AM-11:50AM	MTuWTh	01/02/20-03/20/20	17 240	Faherty, Dion	HYBRID	FULL
5W31	5 Cr	11:00AM-11:50AM	MTuWTh	01/02/20-03/20/20	17 240	Faherty, Dion	HYBRID	FULL
5W02	5 Cr	7:30AM-9:50AM	MW	01/06/20-03/18/20	16 205	Heath, Terry		

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.

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>
0525	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Copeland, Kri	ONLINE	
0526	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Copeland, Kri	ONLINE	
0528	5 Cr	8:00AM-8:50AM	DAILY	01/02/20-03/20/20	17 240	Faherty, Dion		
0529	5 Cr	7:30AM-9:50AM	TuTh	01/02/20-03/19/20	16 205	Heath, Terry		FULL
0530	5 Cr	2:00PM-4:20PM	TuTh	01/02/20-03/19/20	24 205B	Copeland, Kri		
0531	5 Cr	1:00PM-1:50PM	DAILY	01/02/20-03/20/20	17 240	Heath, Terry		
0532	5 Cr	6:00PM-8:20PM	M	01/02/20-03/20/20	10 216	Hoffman-Reye	HYBRID	
0570	5 Cr	1:00PM-1:50PM	MTuWTh	01/02/20-03/19/20	14 212	Wegley, Mark	HYBRID	
0571	5 Cr	1:00PM-1:50PM	MTuWTh	01/02/20-03/19/20	14 212	Wegley, Mark	HYBRID	
0572	5 Cr	2:00PM-2:50PM	MTuWTh	01/02/20-03/19/20	14 212	Wegley, Mark	HYBRID	
0573	5 Cr	2:00PM-2:50PM	MTuWTh	01/02/20-03/19/20	14 212	Wegley, Mark	HYBRID	
0574	5 Cr	9:00AM-9:50AM	MTuWTh	01/02/20-03/19/20	17 240	Faherty, Dion	HYBRID	FULL
0575	5 Cr	9:00AM-9:50AM	MTuWTh	01/02/20-03/19/20	17 240	Faherty, Dion	HYBRID	
0576	5 Cr	10:00AM-10:50AM	MTuWTh	01/02/20-03/19/20	17 240	Faherty, Dion	HYBRID	FULL
0577	5 Cr	10:00AM-10:50AM	MTuWTh	01/02/20-03/19/20	17 240	Faherty, Dion	HYBRID	FULL
0585	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Hoffman-Reye	ONLINE	FULL
5B03	5 Cr	10:00AM-11:02AM	MTuWTh	01/02/20-03/20/20	14 100	Quincy, Denis		
5B93	5 Cr	12:30PM-1:32PM	MTuWTh	01/02/20-03/20/20	14 100	Quincy, Denis		

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>
0527	5 Cr	1:30PM-3:20PM	MW	01/02/20-03/20/20	SHC115	Hoffman-Reye	HYBRID	

ENGL& 102 COMPOSITION II

Continues to develop student writing skills practiced in ENGL& 101 with an emphasis on writing research papers and writing argumentative/persuasive essays. Through lecture, discussion, research, collaboration, reading, and writing, students will become familiar with the types of reasoning and other classical elements of argument. 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>
0533	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Faherty, Dion	ONLINE	
0583	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Faherty, Dion	ONLINE	

ENVIRONMENTAL SCIENCE**ENV 108 INTRODUCTION TO ECOLOGY**

Covers the basic topics of ecology, including population biology, plant and animal species characterization, habitat restoration, nutrient cycling, and energy flow.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4503	5 Cr	11:00AM-12:00PM	TuWThF	01/07/20-03/20/20	16 104	Faust, Derek	ENHANCED	

ENV 141 ORIENTATION TO ENVIRONMENTAL SCIENCE

Survey the wide range of duties and career choices available to environmental technicians. Prerequisite(s): ENG 094 (or co-requisite) or higher, or appropriate placement score.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4513	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Faust, Derek	ONLINE	

ENV 164 GENERAL CHEMISTRY W/LAB

Provides the basic concepts, principles, and applications of inorganic chemistry germane to the environmental field. Related instruction includes mathematics used in designing, conducting, and interpreting analytical procedures. Laboratory methods, chemical calculations, properties of solutions, and properties of acids and bases are also covered. Prerequisite(s): Completion of MAT 094 or higher, or equivalent placement.

Additional Fee: 51.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4523	5 Cr	9:00AM-11:00AM	TuWThF	01/07/20-02/12/20	16 104	Faust, Derek	ENHANCED	

ENV 165 ENVIRONMENTAL CHEMISTRY W/LAB

Continuation of ENV 164 General Chemistry with progressive instruction in laboratory methods; chemical calculations; properties of solutions, acids and bases; and an introduction to organic chemistry.

Additional Fee: 51.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4533	5 Cr	9:00AM-11:00AM	TuWThF	02/13/20-03/20/20	16 104	Faust, Derek	ENHANCED	

ENV 231 ISSUES IN THE URBAN ENVIRONMENT

Course explores a variety of urban environmental issues. Storm-water management, sewage treatment, drinking-water treatment, and waste disposal. Lab Times: 9 a.m. to 12:50 p.m., Th ' 01/11/18-03/15/18 15/105. Prerequisite(s): Successful completion of GEOL& 110 and all ENV 100-level courses, except ENV 134.

Additional Fee: 51.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4543	5 Cr	11:30AM-1:20PM	M	01/13/20-03/16/20	16 102	Smith Kathy	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.

Additional Fee: 63.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4553	10 Cr	ARRANGED	ARRANGED	01/02/20-03/18/20	ARR	Smith Kathy	ENHANCED	

ENV 245 ENVIRONMENTAL LAW II

Places an emphasis on correct, accurate interpretation of environmental regulations and their applications. Students will be able to research, interpret, and use a variety of regulations upon completion. Regulations include RCRA; CERCLA; CWA; Washington Drinking Water Rules; Washington State Water Quality regulations; SDWA; and other applicable state, federal and local regulations. Course also covers Federal Energy Policy, including development of fossil fuels and alternative energy sources. Prerequisite(s): Successful completion of GEOL& 110 and all ENV 100-level courses, except ENV 134.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4563	5 Cr	11:30AM-1:50PM	TuW	01/14/20-03/18/20	16 102	Smith Kathy	ENHANCED	

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>
4573	2 Cr	ARRANGED	ARRANGED	01/02/20-03/18/20	ON LINE	Smith Kathy	ONLINE	

ENV 260 INTRODUCTION TO SOILS

Course focuses on basic physical, biological, and chemical concepts of soil science. Practical exercises and projects will be used to demonstrate how soil data is commonly used in regulatory, legal, and scientific land-use interpretations and decisions. Lab Times: 9 a.m. to 12:50 p.m., Th ' 01/11/18-03/15/18 15/105. Prerequisite(s): Successful completion of GEOL& 110 and all ENV 100-level courses, except ENV 134.

Additional Fee: 51.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4583	5 Cr	9:00AM-10:50AM	MW	01/13/20-03/18/20	16 102	Smith Kathy	ENHANCED	

ENV 270 HAZARDOUS MATERIAL TRANSPORTATION

Covers the requirements associated with transportation of hazardous materials as defined in Title 49 Code of Federal Regulations (49CFR) and 171.8 (not including radioactive). Meets the hazmat employee training requirements found in 49 CFR 172 Subpart H.

Additional Fee: 14.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4593	3 Cr	9:00AM-3:00PM	DAILY	01/06/20-01/10/20	16 102	Smith Kathy		

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.

Additional Fee: 72.45

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>
6203	2 Cr	8:30AM-9:30AM	DAILY	01/02/20-03/20/20	02 123	Shields, Maur		
62Q3	2 Cr	3:30PM-4:30PM	DAILY	01/02/20-03/20/20	08 319	Fermin, Rene	HYBRID	

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.

Additional Fee: 72.45

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>
6213	3 Cr	9:30AM-10:30AM	DAILY	01/02/20-03/20/20	02 123	Shields, Maur		
62R3	3 Cr	4:30PM-5:30PM	DAILY	01/02/20-03/20/20	03 316	Fermin, Rene	HYBRID	

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.

Additional Fee: 72.45

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>
6223	3 Cr	10:30AM-11:30AM	DAILY	01/02/20-03/20/20	02 123	Shields, Maur		
62S3	3 Cr	5:30PM-6:30PM	DAILY	01/02/20-03/20/20	08 316	Fermin, Rene	HYBRID	

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.

Additional Fee: 103.65

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>
6263	5 Cr	8:00AM-2:30PM	DAILY	01/02/20-01/21/20	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.

Additional Fee: 72.45

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>
6233	4 Cr	1:00PM-2:00PM	DAILY	01/02/20-03/20/20	02 123	Shields, Maur		
62T3	4 Cr	8:00PM-9:00PM	DAILY	01/02/20-03/20/20	08 316	Fermin, Rene	HYBRID	

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. Prerequisite(s): Successful completion of ES 105, 110, 113, 116, 120, and ES 123. Co-requisites: ES 114, 130, 132, 134 and ES 137.

Additional Fee: 103.65

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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6273 4 Cr 8:00AM-2:30PM DAILY 01/22/20-02/04/20 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.

Additional Fee: 72.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6243	5 Cr	11:30AM-12:30PM	DAILY	01/02/20-03/20/20	02 123	Shields, Maur		
62U3	5 Cr	7:00PM-8:00PM	DAILY	01/02/20-03/20/20	08 316	Fermin, Rene	HYBRID	

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.

Additional Fee: 72.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6253	4 Cr	7:30AM-8:30AM	DAILY	01/02/20-03/20/20	02 123	Shields, Maur		
62V3	4 Cr	9:00PM-10:00PM	DAILY	01/02/20-03/20/20	08 316	Fermin, Rene	HYBRID	

ES 130 MAKEUP APPLICATION

Exploration of color theory, basic makeup allocation 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.

Additional Fee: 103.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6283	2 Cr	8:00AM-2:30PM	DAILY	02/05/20-02/13/20	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.

Additional Fee: 103.65

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
6293	4 Cr	8:00AM-2:30PM	DAILY	02/18/20-03/04/20	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.

Additional Fee: 45.20

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62A3	4 Cr	8:00AM-2:30PM	DAILY	03/05/20-03/13/20	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.

Additional Fee: 72.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62C3	4 Cr	9:00AM-3:30PM	DAILY	01/02/20-01/14/20	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.

Additional Fee: 45.20

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62B3	1 Cr	8:00AM-2:30PM	DAILY	03/16/20-03/20/20	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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62D3	7 Cr	11:30AM-3:30PM	MTuWTh	01/15/20-03/13/20	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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62J3	5 Cr	11:30AM-3:30PM	TuWThF	01/15/20-03/15/20	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.

Additional Fee: 72.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62F3	3 Cr	9:00AM-3:30PM	DAILY	01/15/20-01/23/20	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.

Additional Fee: 72.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62K3	5 Cr	9:00AM-11:15AM	DAILY	01/09/20-02/13/20	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.

Additional Fee: 72.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62L3	2 Cr	9:00AM-3:30PM	DAILY	01/02/20-01/08/20	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.

Additional Fee: 72.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62M3	3 Cr	9:00AM-11:15AM	DAILY	02/18/20-03/12/20	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.

Additional Fee: 72.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62G3	5 Cr	9:00AM-3:30PM	DAILY	01/24/20-02/14/20	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.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62N3	2 Cr	9:00AM-3:30PM	DAILY	02/26/20-03/06/20	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.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
62P3	2 Cr	9:00AM-3:30PM	DAILY	03/09/20-03/20/20	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>
62H3	1 Cr	9:00AM-3:30PM	DAILY	03/16/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 40.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ03	3 Cr	7:30AM-3:00PM	MTuWTh	01/02/20-03/20/20	24	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.

Instructor Permission required.

Additional Fee: 50.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ13	5 Cr	7:30AM-3:00PM	MTuWTh	01/02/20-03/20/20	24	Chesnes, Thom	HYBRID	
MQAA	5 Cr	7:30AM-3:00PM	MTuWTh	01/02/20-03/20/20	24	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.

Instructor Permission required.

Additional Fee: 50.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ23	5 Cr	7:30AM-3:00PM	MTuWTh	01/02/20-03/20/20	24	Chesnes, Thom	HYBRID	
MQAB	5 Cr	7:30AM-3:00PM	MTuWTh	01/02/20-03/20/20	24	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.

Instructor Permission required.

Additional Fee: 50.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ33	5 Cr	7:30AM-3:00PM	MTuWTh	01/02/20-03/20/20	24	Chesnes, Thom	HYBRID	
MQAC	5 Cr	7:30AM-3:00PM	MTuWTh	01/02/20-03/20/20	24	Chesnes, Thom	HYBRID	

GEOGRAPHY

GEOLOGY

GRAPHIC TECHNOLOGIES

GTC 149 DIGITAL IMAGING II

Builds on the fundamentals of Photoshop and introduces advanced imagery to include blending, advanced layers,

advanced selections, vector tools, filters, and color correction. Prerequisite(s): Successful completion of GTC 130 or instructor approval.

Additional Fee: 88.50

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>
8523	5 Cr	9:00AM-5:00PM	W	01/08/20-03/18/20	11 154	Moyer, John	ENHANCED	

GTC 164 PREPRESS I

Students will create, edit and manipulate PDF files, combine files into PDF presentations, and to secure PDF documents. They will also work with many of the advanced features of Adobe Acrobat to include; OCR text recognition, preflight, print production tasks, touch and commenting, proofing, live review and collaboration.

Additional Fee: 88.50

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>
8503	5 Cr	9:00AM-5:00PM	M	01/06/20-03/16/20	11 154	Moyer, John	ENHANCED	

GTC 169 INTRODUCTION TO VECTOR-BASED ILLUSTRATION SOFTWARE

Vector-based software, tools and features will be used to create text and logos, apply image effects, and design web graphics. The course incorporates branding and identifiers when designing products and enables students to design for both print and web.

Additional Fee: 88.50

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>
8553	5 Cr	9:00AM-5:00PM	Tu	01/07/20-03/17/20	11 158	Owens, Darryl	ENHANCED	

GTC 174 INDESIGN I

Perform techniques of the application of InDesign on the Macintosh or PC based computer. Create files for electronic output; create documents, using stale sheets, color/swatches, tabs, along with understanding color separations for creating a variety of projects such as menus, booklets, brochures, forms, and other documents. Explore PDF and postscript files, service bureaus and production speed. Prerequisite: GTC 143 or instructor approval.

Additional Fee: 88.50

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>
8573	5 Cr	9:00AM-5:00PM	Th	01/02/20-03/19/20	11 158	Owens, Darryl	ENHANCED	

GTC 203 PREFLIGHT

Explore the prepress environment using page layout, center object-oriented and imaging software applications. Creating projects in color for collect for output and packaging of files. Use Acrobat Professional to create and Distill PDF files, edit files, transfer files and create electronic portfolio. Perform electronic and laser separations for digital output, creating Postscript and EPS files, for graphic manipulation. Prerequisite(s): Successful completion of GTC 164, GTC 209, GTC 276 or instructor approval.

Additional Fee: 88.50

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>
8563	5 Cr	9:00AM-5:00PM	W	01/08/20-03/18/20	11 158	Owens, Darryl	ENHANCED	

GTC 225 ADVANCED PAGE LAYOUT PRINCIPLES

Apply Page advanced Layout techniques using industry standard software to produce files for output. Preflight and Package Press Ready files. Output Composite and Separations to Postscript. Impose jobs for output service provider. Prerequisite(s): Successful completion of GTC 276, GTC 209, GTC 164 or instructor approval.

Additional Fee: 88.50

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>
8543	5 Cr	9:00AM-5:00PM	M	01/06/20-03/16/20	11 158	Owens, Darryl	ENHANCED	

GTC 254 CAPSTONE CLASS

Preparation of personal job-hunting package of student's chosen specialty within the graphic technologies program, including industry research, business cards, cover letters, resumes, personal sales pitches, and portfolios.

Prerequisite(s): Successful completion of GTC 223 or instructor approval.

Additional Fee: 88.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8513	5 Cr	9:00AM-5:00PM	Tu	01/07/20-03/17/20	11 154	Moyer, John	ENHANCED	

GTC 264 PAPER, PRICING, AND ESTIMATING

Explore paper choices and cost within the printing industry. Estimate both materials and time for various printing processes. Produce a comprehensive business package, from research to print ready package. Present business package with estimates to a group.

Additional Fee: 88.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8533	5 Cr	9:00AM-5:00PM	Th	01/02/20-03/19/20	11 154	Moyer, John	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.

Additional Fee: 83.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8583	4 Cr	4:00PM-5:00PM	Th	01/02/20-03/19/20	11 154	Moyer, John	ENHANCED	

HEALTH UNIT COORDINATOR

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.

Additional Fee: 19.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8103	4 Cr	8:00AM-2:45PM	MThF	01/02/20-03/20/20	21 105	Perez, Joylen	ENHANCED	

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.

Additional Fee: 4.90

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8113	1 Cr	8:00AM-2:45PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 9.80

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>
8123	2 Cr	8:00AM-2:45PM	MTuTh	01/02/20-03/19/20	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.

Additional Fee: 14.70

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>
8133	3 Cr	8:00AM-2:45PM	TuW	01/07/20-03/18/20	21 105	Perez, Joylen	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.

Additional Fee: 9.80

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>
8143	2 Cr	8:00AM-2:45PM	WF	01/03/20-03/20/20	21 105	Perez, Joylen	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.

Additional Fee: 14.00

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>
8153	7 Cr	8:00AM-2:45PM	DAILY	01/02/20-03/20/20	21 105	Perez, Joylen	HYBRID	

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.

Additional Fee: 64.50

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>
1803	5 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 202	Bean, Thomas	ENHANCED	FULL

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.

Additional Fee: 59.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1813	4 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 202	Bean, Thomas	ENHANCED	FULL

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.

Additional Fee: 59.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1823	4 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 202	Bean, Thomas	ENHANCED	FULL

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.

Additional Fee: 59.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1843	4 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 202	Bean, Thomas	ENHANCED	FULL

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.

Additional Fee: 54.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1833	3 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 202	Bean, Thomas	ENHANCED	FULL

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.

Additional Fee: 54.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1853	3 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 202	Bean, Thomas	ENHANCED	FULL

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.

Additional Fee: 49.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1863	2 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 202	Bean, Thomas	ENHANCED	FULL

HAC 170 HEATING I

Covers controls, thermal physics, electric heating, and equipment for residential and light commercial heating system installation and servicing, with emphasis on electric heating and gas heating. Prerequisite(s): Successful completion of HAC 102, HAC 105, HAC 120, HAC 162, HAC 163, HAC 164, and HAC 169. Co-requisites: HAC 170, HAC 175, HAC 181, and HAC 184.

Additional Fee: 74.30

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1873	7 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 402	Mcghee, Dwig	ENHANCED	

HAC 175 HEATING I LAB

Teaches students to troubleshoot and repair gas-burning appliances. Thermal physics and equipment for heating systems analysis and efficiency are studied. This is a hands-on class using live projects. Prerequisite(s): Must have required hand tools of the trade and be enrolled in Heating I.

Additional Fee: 64.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1883	5 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 300	Mcghee, Dwig	ENHANCED	

HAC 181 HEATING II

Covers controls, thermal physics, and equipment for residential and light commercial heating system installation and servicing with emphasis on electric and gas fuel heating. Prerequisite(s): Must have required hand tools of the trade and be enrolled in Heating I.

Additional Fee: 69.40

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1893	6 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 402	Mcghee, Dwig	ENHANCED	

HAC 184 HEATING II LAB

Teaches students to competently troubleshoot and repair electric, gas, and fuel heating equipment; thermal physics, gas safety, and equipment for heating systems analysis and efficiency are studied. This is a hands-on class using live projects. Prerequisite(s): Must have completed HAC 102-175, required hand tools of the trade, and be enrolled in Heating I.

Additional Fee: 59.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
18A3	4 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 300	Mcghee, Dwig	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.

Additional Fee: 89.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
18B3	10 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 300	Mcghee, Dwig	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.

Additional Fee: 64.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
18D3	5 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 300	Mcghee, Dwig	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.

Additional Fee: 74.30

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
18C3	7 Cr	7:00AM-1:45PM	DAILY	01/02/20-03/20/20	25 300	Bean, Thomas	ENHANCED	

HEMODIALYSIS

HDT 142 WATER TREATMENT FOR HEMODIALYSIS TECHNICIAN

Basic concepts of water treatment and dialyzer reuse are covered, including instruction on the varied devices used in hemodialysis. Also studied are advantages and disadvantages of filters, carbon tanks, deionizers, ultraviolet light, and reverse osmosis in the treatment of water for dialysis. Students will work in small groups to build a model of a water treatment room as their final project. Prerequisite(s): Students must complete HDT 106, 108, 116, 123, and 130 with a score of 80% or higher.

Additional Fee: 9.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8803	2 Cr	8:00AM-9:45AM	MWF	01/03/20-03/20/20	21 227	Markovits, Ke	HYBRID	

HDT 150 VASCULAR ACCESS

This course covers the history and importance of vascular access, including the major types of permanent and temporary vascular access. Covers use of appropriate needle insertion for arteriovenous fistulae and grafts; catheter care and connections; the four types of anastomosis used for internal arteriovenous fistulae; and management of thrombosis, infection, hematoma, bleeding, steal syndrome, aneurysm, and catheter dislodgement. Prerequisite(s): Students must successfully complete HDT 106, 108, 116, 123, and 130 with a score of 80% or higher.

Additional Fee: 9.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8813	2 Cr	8:00AM-9:45AM	TuTh	01/02/20-03/19/20	21 227	Markovits, Ke	HYBRID	

HDT 151 PROFESSIONAL PATIENT INTERACTION

Explores the relationship and psychological boundaries between the technician, the patient and the renal facility. Includes concepts of patient education. Covers basic interpersonal verbal and non-verbal communication, with a focus on adapting to an individual's special needs or cultural orientation. Students will be given the tools to develop listening skills by practicing assertive communication and developing appropriate interpersonal relationships using the concepts of patient confidentiality. Prerequisite(s): Students must successfully complete HDT 106, 108, 116, 123, and 130 with a score of 80% or higher.

Additional Fee: 14.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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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8823 3 Cr 7:00AM-8:00AM DAILY 01/02/20-03/20/20 21 227 Markovits, Ke HYBRID

HDT 153 PRINCIPLES AND PROCEDURES HEMODIALYSIS II

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.

Prerequisite(s): Students must successfully complete HDT 106, 108, 116, 123, and 130 with a score of 80% 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>
8843	5 Cr	10:00AM-1:00PM	MWF	01/03/20-03/20/20	21 227	Markovits, Ke	HYBRID	

PHLEB 114 PHLEBOTOMY PROGRAM

Develop the skills necessary to draw blood specimens for analysis in a laboratory. Includes an introduction to the structure and function of a clinical laboratory. Safety procedures and universal precautions are included. Provides hands-on practice in phlebotomy. Prerequisite(s): Successfully complete HDT 106, 108, 116, 123, and 130, with a score of 80% or better.

Additional Fee: 30.45

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8833	4 Cr	10:00AM-1:00PM	TuTh	01/02/20-03/20/20	21 227	Markovits, Ke	HYBRID	

HISTORY

HUMAN SERVICES

HS 120 SOFT SKILLS FOR THE HUMAN SERVICES PROFESSIONAL

Designed to prepare students for the internship portion of the program, as well as employment. Students will develop professional resumes, cover letters, and employment preparation materials in line with human services industry standards. Topics include workplace communication skills, including written and oral communication, team building, time and self-management, stress management, and conflict resolution for the workplace. Students will explore the supervisor-supervisee relationship, including the functions of evaluation, self-evaluation, and professional development. Prerequisite(s): Students must complete HS 115, HS 127, and HS 237 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>
2443	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Welch, Rober	ONLINE	

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>
2453	1 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Welch, Rober	ONLINE	

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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2483	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	02 112	White, Duke		

HS 222 APPLIED COUNSELING FOR THE HUMAN SERVICES PROFES

Increases student knowledge of a variety of counseling theories, theorists, and techniques, from both a historical and contemporary viewpoint. Students will explore the practical application and appropriate uses of these theories in the human services system. Prerequisite(s): Students must complete HS 152, HS 226, and HS 234 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>
2493	5 Cr	9:00AM-9:50AM	DAILY	01/02/20-03/20/20	02 112	Watts, Bryant	HYBRID	

HS 225 SURVEY OF COMMUNITY RESOURCES

Introduces students to a variety of community-based human service agencies through examination of their services, functions, and service populations. The class will participate in field visits, guest lectures, and exercises designed to assist them in understanding the relevance of each service component to the whole community, regional, and state system. Prerequisite(s): Students must complete HS 115, HS 127, and HS 237 to be eligible to take this course.

Additional Fee: 98.90

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2463	3 Cr	1:00PM-3:00PM	MW	01/06/20-03/18/20	02 120	Welch, Rober	HYBRID	

HS 227 BEHAVIORAL HEALTH & WELLNESS

Introduces students to the dimensions of wellness, including physical, emotional, social, and spiritual components. Students explore strategies for personal behavioral health and wellness, including coping strategies, personal boundaries, self-awareness, and how to avoid burnout on the job. Prerequisite(s): Students must complete HS 115, HS 127, and HS 237 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>
2473	5 Cr	10:00AM-10:50AM	MWF	01/03/20-03/20/20	02 120	Welch, Rober	HYBRID	

HS 230 CASE MANAGEMENT

This course introduces students to the fundamentals of case management practice. Students will review different models of case management and learn about common case management functions, such as outreach, engagement, assessment, planning, accessing resources, coordination, and advocacy. Prerequisite(s): Students must complete HS 152, HS 226, and HS 234 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>
24A3	5 Cr	10:00AM-11:50AM	MWF	01/03/20-03/20/20	02 112	Watts, Bryant	HYBRID	

HS 241 DYNAMICS OF VIOLENCE

Presents an overview of the dynamics of violence in relationship to both the perpetrator and the victim. Areas of emphasis include child neglect, child sexual and physical abuse, missing and exploited children and adolescents, domestic violence, the cycle of violence, elder abuse, and violence's impact on the family system. Strategies for treatment and community intervention are explored. Prerequisite(s): Students must complete HS 152, HS 226, and HS 234 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>
24B3	5 Cr	10:00AM-11:50AM	TuTh	01/02/20-03/19/20	02 120	Welch, Rober	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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
24C3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	02 112	White, Duke		

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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
24D3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	02 112	White, Duke		

HUMAN SERVICES/CHEMICAL DEPENDENCY

HSCD 150 THE NEURO-PHARMACOLOGY OF ADDICTION

This course provides an overview of the effects of drug use and chemical dependency on the body, including physiological, emotional, and behavioral implications. Topics include drug interactions, brain-body chemistry, and the management of chronic and acute conditions of drug misuse. Prerequisite(s): Completion of a terminal degree associate or higher, OR student has completed HS 222, HS 241, HS 230, and HS 255. Completion of HSCD 134 Introduction to Chemical Dependency.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2403	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Welch, Rober	ONLINE	

HSCD 155 CHEMICAL DEPENDENCY & COUNSELING: INDIV & GROUPS

Individual Counseling focuses on learning a collaborative process that facilitates the client's progress toward mutually determined treatment goals and objectives. Students will learn counseling competencies that will include: sensitivity to the client's individual characteristics and culture, the role of the counselor, approaches to counseling & addiction disorders, use of warmth, respect, genuineness, concreteness and empathy, and the therapeutic use of power & authority. Group dynamics & strategies will also be covered. 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>
2413	5 Cr	5:00PM-7:15PM	W	01/08/20-03/18/20	02 112	Weinmann, Jen	HYBRID	

HSCD 227 CHEMICAL DEPENDENCY ASSESSMENT & EVALUATION

Students will be introduced to a variety of industry-standard screening, evaluation and assessment tools for both adolescents and adults. Students will be able to determine a client's readiness for treatment and change and have an understanding of the appropriate levels of care. ASAM placement and the stages of change will be focal topics. 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>
2423	3 Cr	7:30PM-10:00PM	W	01/08/20-03/18/20	02 112	Weinmann, Jen	HYBRID	

HSCD 229 SUICIDE PREVENTION FOR THE CHEMICAL DEPEND PROFE

This course provides an overview of contributing factors to suicidality, including mental health, substance use, and lifespan development. Evidence-based prevention strategies for adolescents, adults, and older adults are discussed, including differentiations between Death with Dignity statutes for the terminally ill. 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>
2433	1 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Welch, Rober	ONLINE	

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	01/02/20-03/20/20	ON LINE	Rendal, Cami	ONLINE	FULL

INTERIOR DESIGN

DSN 121 DRAFTING II

This course introduces students to the fundamental principles needed to create an as-built plan set to include floor plan, power/mechanical plan, and elevation. Introduces field surveys, symbols and graphics, and formatting of drawings. Prerequisite(s): Successful completion of DSN 105.

Additional Fee: 74.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3603	5 Cr	8:00AM-2:00PM	DAILY	02/27/20-03/20/20	19 210	Rose, Jaya		

DSN 123 MATERIALS, METHODS AND TECHNIQUES

This course is an introduction to the fundamental design materials and applications for interior environments, including hard and resilient flooring, soft flooring, paint, wall coverings, cladding, acoustics, metal, plaster, glass, and millwork. Students will also learn to visually present material selections in a professional manner.

Additional Fee: 69.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3613	4 Cr	8:00AM-2:00PM	DAILY	01/02/20-01/21/20	19 210	Bowman, Michl		

DSN 132 LIGHTING

This course introduces students to the fundamental skills and concepts of lighting design. It is an approach to quality lighting, with a primary focus on the design process. Covers basic lighting, human factors, sustainability, products, and

design fundamentals.

Additional Fee: 74.50

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>
3623	5 Cr	8:00AM-2:00PM	DAILY	02/05/20-02/26/20	19 210	Rose, Jaya		

DSN 140 TEXTILES

This course is a comprehensive study of the textile products available for use in residential interior design, with an emphasis on window treatments, upholstery, the proper selection of materials, and working with drapery and upholstery showrooms and workrooms.

Additional Fee: 69.60

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>
3633	4 Cr	8:00AM-2:00PM	DAILY	01/22/20-02/04/20	19 210	Bowman, Michl		

DSN 152 FURNITURE AND CABINET DESIGN

This course covers the fundamentals of custom furniture and cabinet design. Students will design a unique custom piece of furniture based on the study of furniture design theory, function, social use, materials, and fabrication.

Additional Fee: 59.80

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>
3683	2 Cr	8:00AM-2:00PM	MTuTh	01/28/20-02/20/20	19 202	Bowman, Michl		

DSN 204 INTRODUCTION TO COMMERCIAL INTERIOR DESIGN

This course provides an introduction to commercial interiors. Contents include areas of practice, ADA and code compliance, and commercial design case studies.

Additional Fee: 69.60

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>
3643	4 Cr	8:00AM-2:00PM	MTuWTh	01/02/20-01/16/20	19 202	Watts, Julie	HYBRID	

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.

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>
36C3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Watts, Julie	ONLINE	

DSN 216 CAD I

Learn to use the basic functions of AutoCAD software to produce 2D drawings for interior design. Prerequisite(s): Basic competency with computers.

Additional Fee: 74.50

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>
3653	5 Cr	8:00AM-2:00PM	MTuWTh	01/13/20-02/06/20	19 202	Watts, Julie		

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.

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>
36D3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Watts, Julie	ONLINE	

DSN 225 DESIGN I

This course introduces space planning for commercial interiors, including programming, design schematics and development, as well as relevant ADA Standards for Accessible Design and building codes. Prerequisite(s): Successful completion of DSN 204 and 216.

Additional Fee: 74.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3663	5 Cr	8:00AM-2:00PM	MTuWTh	02/10/20-03/10/20	19 202	Watts, Julie		

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>
36F3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Watts, Julie	ONLINE	

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>
36G3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Watts, Julie	ONLINE	

DSN 231 HISTORIC PRESER 20TH CENTURY DESIGN & PHILOSOPHY

Includes the study of historically significant 20th- and 21st-century designers and architects, their philosophies, and the role of their significant historic works.

Additional Fee: 64.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3673	3 Cr	8:00AM-2:00PM	DAILY	03/11/20-03/20/20	19 202	Bowman, Michl		

DSN 245 INTERNSHIP

Interact with established businesses or related businesses of interior design by going to a place of business and working in the field. Students will arrange to work with a sponsor and will observe and assist the sponsor with meaningful design activities for a total of 80 hours. Prerequisite(s): Successful completion of DSN 119, DSN 123, DSN 124, DSN 132, DSN 136, DSN 140, DSN 145, DSN 152, DSN 153, DSN 158, DSN 159, DSN 204, DSN 227, DSN 231, DSN 236, and DSN 239, or instructor permission.

Additional Fee: 69.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3693	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ARR	Rose, Jaya		

DSN 251 CONTRACT FURNITURE

This course provides an introduction to the various types of furniture used in commercial design. Concentrates on the selection, specification, and use of furnishings, as well as contracts, documents, and the procurement of contract furniture.

Additional Fee: 64.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36A3	3 Cr	8:00AM-2:00PM	MTuTh	01/02/20-01/27/20	19 202	Rose, Jaya		

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.

Additional Fee: 64.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36H3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	19 210	Rose, Jaya		

DSN 266 PORTFOLIO PROFESSIONAL PRESENTATION

Create and present a professional portfolio of work illustrating your level of design and technical skills. Students will learn to present themselves and their work professionally to prepare for the job search, interviews, and employment in the interior design industry. Prerequisite(s): Successful completion of DSN 119, DSN 124, DSN 136, DSN 145, DSN 153, DSN 159, DSN 227, DSN 236, and DSN 239, or instructor permission.

Additional Fee: 84.30

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36B3	7 Cr	8:00AM-2:00PM	F	01/03/20-03/20/20	19 202	Watts, Julie	HYBRID	

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.

Additional Fee: 69.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36J3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Additional Fee: 74.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
36K3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	19 210	Rose, Jaya		

DSN 314 BUILDING INFORMATION MODELING II

Produce drawings with increased detail and information using building information modeling software, further exploring the program's drafting, formatting and rendering capabilities. Prerequisite(s): Successful completion of DSN 312 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>
BA63	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	19 202	Watts, Julie	HYBRID	

DSN 410 DESIGN STUDIO I

Combine knowledge and skills learned throughout your design education and experience to develop a functional design solution for a given project. Students will be presented with an introduction to human-centered design which will then be applied to their work. Projects will be presented in a written report and a visual and oral presentation.

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>
BA73	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	19 202	Rose, Jaya	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.

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>
0523	Var	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
0524	Var	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
0545	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 50.35

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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7803 2 Cr ARRANGED ARRANGED 01/02/20-03/13/20 24 120 Dam, Ken HYBRID

MCH 105 SHOP MATH/BLUEPRINT

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.

Instructor Permission required.

Additional Fee: 69.95

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7813	6 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	24 120	Dam, Ken	HYBRID	

MCH 107 SHOP MATH/BLUEPRINT 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.

Additional Fee: 69.95

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7823	6 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	24 120	Dam, Ken	HYBRID	

MCH 109 SHOP MATH/BLUEPRINT 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.

Additional Fee: 69.95

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7833	6 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Instructor Permission required.

Additional Fee: 69.95

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7843	6 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Instructor Permission required.

Additional Fee: 69.95

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7853	6 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 69.95

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7863	6 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 79.75

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7873	8 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 89.55

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7883	10 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 79.75

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
7893	8 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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

Additional Fee: 60.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78A3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 65.05

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78B3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 65.05

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78C3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	24 ARR	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.

Additional Fee: 74.85

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>
78D3	7 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Additional Fee: 55.25

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>
78F3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 55.25

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>
78G3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Additional Fee: 89.55

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>
78H3	10 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 99.35

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>
78J3	12 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 60.15

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>
78K3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 69.95

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>
78L3	6 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 60.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78M3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 60.15

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78N3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/13/20	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.

Additional Fee: 89.55

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
78P3	Var	ARRANGED	ARRANGED	01/02/20-03/13/20	24 120	Dam, Ken		

MASSAGE

MASST 111 ANATOMY, PHYSIOLOGY, AND PATHOLOGY II

Explores endocrinology, cardiovascular, digestive, and respiratory systems. Prerequisite: Successful completion of MASST 110 "" Prerequisite(s): Successful completion of MASST 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>
1203	5 Cr	9:00AM-11:30AM	WF	01/03/20-03/20/20	08 108	Scott, Patric	HYBRID	

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>
1213	3 Cr	9:00AM-11:30AM	TuTh	01/02/20-03/19/20	08 305	Meziere, Yvon		

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.

Additional Fee: 109.40

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1223	4 Cr	12:15PM-3:30PM	TuTh	01/02/20-03/19/20	08 305	Meziere, Yvon		

MASST 136 COMPLEMENTARY MASSAGE MODALITIES II

Introduces a variety of massage modalities that can be safely integrated into a massage practice. Modalities covered include pregnancy massage, sports massage, and hydrotherapy, including hot stone massage. Indications, contraindications, and treatment modifications will be identified. Prerequisite: Successful completion of MASST 114 and MASST 117. """"

Additional Fee: 73.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1233	2 Cr	12:15PM-3:30PM	M	01/06/20-02/24/20	08 305	Meziere, Yvon		

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.

Additional Fee: 36.40

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1243	1 Cr	12:15PM-3:30PM	WF	01/03/20-01/22/20	08 305	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.

Additional Fee: 36.40

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1253	2 Cr	12:15PM-3:30PM	WF	01/24/20-03/20/20	08 305	Meziere, Yvon		

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.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1263	1 Cr	9:00AM-11:30AM	MTh	01/02/20-02/24/20	08 108	Meziere, Yvon		

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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
1273	2 Cr	0:R M-0: M	M	02/24/20-03/16/20	08 305	Meziere, Yvon		

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. Prerequisite(s): Accuplacer arithmetic score of 230 or equivalent or higher.

Instructor Permission required.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5W04	5 Cr	11:00AM-11:50AM	DAILY	01/02/20-03/20/20	14 208	Sandoval, L		
5W05	5 Cr	8:00AM-8:50AM	DAILY	01/02/20-03/20/20	16 202	Sandoval, L		
5W06	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Mollas, Tula	ONLINE	FULL
5W13	5 Cr	9:00AM-9:50AM	DAILY	01/02/20-03/20/20	16 202	Sandoval, L		SELF-PACED
5W16	5 Cr	10:00AM-12:20PM	TuTh	01/02/20-03/19/20	15 111	Parnell, Sam		FULL
5W19	5 Cr	1:30PM-4:00PM	TuTh	01/02/20-03/19/20	15 111	Parnell, Sam		FULL
5W22	5 Cr	9:00AM-2:30PM	Sa	01/04/20-03/14/20	15 111	Parnell, Sam		FULL
5W25	5 Cr	1:00PM-3:20PM	MW	01/06/20-03/18/20	16 202	Sandoval, L		SELF-PACED
5W32	5 Cr	2:00PM-4:20PM	TuTh	01/07/20-03/19/20	16 202	Sandoval, L		

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.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5W07	5 Cr	10:00AM-10:50AM	MTuW	01/02/20-03/18/20	16 116	Mollas, Tula	HYBRID	
5W08	5 Cr	11:00AM-11:50AM	MTuW	01/02/20-03/18/20	16 116	Mollas, Tula	HYBRID	
5W09	5 Cr	2:00PM-2:50PM	MWF	01/02/20-03/20/20	15 111	Parnell, Sam	HYBRID	
5W14	5 Cr	9:00AM-9:50AM	DAILY	01/02/20-03/20/20	16 202	Sandoval, L		SELF-PACED
5W17	5 Cr	10:00AM-12:20PM	TuTh	01/02/20-03/19/20	15 111	Parnell, Sam		FULL
5W20	5 Cr	1:30PM-4:00PM	TuTh	01/02/20-03/19/20	15 111	Parnell, Sam		FULL
5W23	5 Cr	9:00AM-2:30PM	Sa	01/04/20-03/14/20	15 111	Parnell, Sam		FULL
5W26	5 Cr	1:00PM-3:20PM	MW	01/06/20-03/18/20	16 202	Sandoval, L		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.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5W10	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Schmeling, L	ONLINE	
5W11	5 Cr	2:00PM-2:50PM	MTuWTh	01/02/20-03/20/20	16 208	Schmeling, L	HYBRID	
5W12	5 Cr	11:00AM-11:50AM	DAILY	01/02/20-03/20/20	16 113	Alexander, Di		
5W15	5 Cr	9:00AM-9:50AM	DAILY	01/02/20-03/20/20	16 202	Sandoval, L		
5W18	5 Cr	10:00AM-12:20PM	TuTh	01/02/20-03/20/20	15 111	Parnell, Sam		FULL
5W21	5 Cr	1:30PM-4:00PM	TuTh	01/02/20-03/20/20	15 111	Parnell, Sam		FULL
5W24	5 Cr	9:00AM-2:30PM	Sa	01/04/20-03/14/20	15 111	Parnell, Sam		FULL
5W27	5 Cr	1:00PM-3:20PM	MW	01/06/20-03/18/20	16 202	Sandoval, L		

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>
0555	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Stultz, Dougl	ONLINE	FULL
0556	5 Cr	10:00AM-12:20PM	TuTh	01/02/20-03/19/20	16 208	Schmeling, L		
0557	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Schmeling, L	ONLINE	FULL
5B43	5 Cr	12:30PM-1:32PM	MTuWTh	01/02/20-03/20/20	10 111	Perse, Britta		
5B73	5 Cr	1:45PM-2:47PM	MTuWTh	01/02/20-03/20/20	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. Includes applications to material strength, tapers, pulleys, gears, screw threads, and elementary engines. Scientific calculator required. Prerequisite(s): Successful completion of or concurrent enrollment in MAT 092.

Instructor Permission required.

Additional Fee: 24.50

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>
0559	5 Cr	2:00PM-3:30PM	MWF	01/02/20-03/20/20	24 205B	Alexander, Di		
0560	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Gangaram, Jit	ONLINE	FULL
0579	5 Cr	2:00PM-3:30PM	MWF	01/02/20-03/20/20	24 205B	Alexander, Di		FULL
0558	5 Cr	10:00AM-10:50AM	DAILY	01/06/20-03/19/20	14 208	Alexander, Di		
0578	5 Cr	10:00AM-10:50AM	DAILY	01/06/20-03/19/20	14 208	Alexander, Di		

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>
0561	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Sweerus, Neil	ONLINE	FULL
0562	5 Cr	3:00PM-3:50PM	DAILY	01/02/20-03/20/20	16 208	Sweerus, Neil		

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>
0563	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Stultz, Dougl	ONLINE	FULL

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.

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	10:00AM-10:50AM	DAILY	01/02/20-03/20/20	16 113	Stultz, Dougl		

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.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	1:00PM-1:50PM	MWF	01/02/20-03/20/20	24 205B	Alexander, Di		
0566	5 Cr	ARRANGED	ARRANGED	01/02/20-03/18/20	ON LINE	Schmeling, L	ONLINE	

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>
0567	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
0568	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Sweerus, Neil	ONLINE	
0569	5 Cr	4:00PM-4:50PM	DAILY	01/02/20-03/20/20	16 208	Sweerus, Neil		
0582	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Sweerus, Neil	ONLINE	

MECHATRONICS

MEC 116 AC CIRCUITS

Covers AC circuit analysis. Network theorems are applied to the solution of AC circuits. Resonance, filters, AC power and three-phase circuits are covered in detail. Introduces standard instrumentation used in testing AC circuits and measurement of AC circuits and systems. Discusses wiring techniques for AC power systems. Prerequisite(s): Successful completion of MEC 115. Co-requisite MEC 130.

Additional Fee: 44.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ43	5 Cr	7:30AM-3:15PM	MTuWTh	01/02/20-03/20/20	24 103	Wenngren, Car	HYBRID	

MEC 121 COMPUTER AIDED DESIGN II

Covers the use of 3D parametric Computer-Aided Design (CAD) software to create individual parts and mated assemblies working from engineering sketches and/or prototypes. Prerequisite(s): Successful completion of MEC 120.

Additional Fee: 44.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQA3	5 Cr	12:30PM-3:15PM	MTuWTh	01/02/20-03/20/20	24 206	Sawatzki, Jas	HYBRID	

MEC 125 HYDRAULICS AND PNEUMATICS

Provides students with an understanding of design, installation, maintenance, and repair techniques for the hydraulic and pneumatic systems used in automated systems. Prerequisite(s): Successful completion of FSME 113 Co-requisite: MEC 150

Additional Fee: 44.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ83	5 Cr	7:30AM-3:15PM	MTuWTh	01/02/20-03/20/20	24 103	Sawatzki, Jas	HYBRID	

MEC 130 ELECTRIC MOTORES AND DRIVES

Gives a broad perspective of DC motors, AC motors (both single- and three-phase), and variable speed drives. Industrial applications of variable speed drives for constant torque, constant horsepower, and variable torque/variable horsepower are covered. Stepper Motors and Servo Motors are discussed, along with their advantages and applications. Prerequisite(s): Successful completion of MEC 115.

Additional Fee: 44.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ53	5 Cr	12:30PM-3:15PM	MTuWTh	01/02/20-03/20/20	24 206	Wenngren, Car	HYBRID	

MEC 132 LEAN MANUFACTURING

This course offers students opportunities to deploy and apply lean principles, concepts and methods locally ' within a work cell, work group or value stream. The course focuses on workshop and project implementation of specific lean concepts and techniques, and the qualities and habits that characterize a culture of continuous quality improvement.

Additional Fee: 44.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ63	5 Cr	7:30AM-3:15PM	MTuWTh	01/02/20-03/20/20	24 103	Wenngren, Car	HYBRID	

MEC 150 MECHANICAL SYSTEMS

Develops an understanding of mechanical components used in typical mechatronic systems, such as positioning mechanisms, cranks and sliders, and belts and pulleys. Includes fabrication, test, and troubleshooting of prototype devices. Prerequisite(s): Successful completion of FSME 113. Co-requisite MEC 125.

Additional Fee: 44.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ93	5 Cr	7:30AM-3:15PM	MTuWTh	01/02/20-03/20/20	24 103	Wenngren, Car	HYBRID	

MEC 163 INDUSTRIAL SURVEY

This course is an exploration of current mechatronics applications in regional industry. Students will examine and analyze the implementation of various mechatronics improvements and process solutions through field tours, interviews with experts, and presentations by local industry professionals. Prerequisite(s): Successful completion of MEC125, MEC150, MEC115, MEC116, MEC160

Additional Fee: 44.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
MQ73	5 Cr	12:30PM-3:15PM	MTuWTh	01/02/20-03/20/20	24 206	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.

Additional Fee: 44.50

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>
MQB3	5 Cr	12:30PM-3:15PM	MTuWTh	01/02/20-03/20/20	24 206	Sawatzki, Jas	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.

Instructor Permission required.

Additional Fee: 34.00

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>
MQD3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	24 103	Wenngren, Car	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.

Instructor Permission required.

Additional Fee: 44.50

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>
MQC3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	24 103	Wenngren, Car	HYBRID	

MEDICAL ASSISTANT

MAP 108 INTRODUCTION TO MEDICAL ASSISTING

Learn and demonstrate asepsis and infection control. Perform anthropometric measurements vital signs and physical examination. Instruction and discussion also includes the overall function of the medical assistant within the health care team, including legal responsibilities and limitations. College and program policies and procedures are extensively discussed. This course must be successfully completed in order to proceed in the program. Prerequisite(s): Students must attend a mandatory information session/advising meeting with an instructor before or once the student has registered for MAP 108.

Additional Fee: 19.60

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>
3873	4 Cr	4:00PM-7:00PM	TuTh	01/21/20-03/19/20	21 108	Yarbough, Kis	HYBRID	

MAP 146 BODY SYSTEMS APPLICATIONS 102

Practice fundamental skills relating to Body Systems Theory 102. Skills include practicing care and usage of the otoscope, vision exams, audiometry testing, peak flow meters and small volume nebulizers, and performing ECG's, as well as phlebotomy skills. Prerequisite(s): Completion of the course's listed MAP 121 and MAP 124. Co-requisites: MAP 147.

Additional Fee: 28.35

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>
3833	4 Cr	8:00AM-11:00AM	TuTh	01/07/20-03/19/20	21 122	Jones, Michel	HYBRID	FULL

MAP 147 BODY SYSTEMS THEORY 102

Caring for patients with disorders associated with ophthalmology and otolaryngology, pulmonary medicine, neurology and mental health, cardiology, phlebotomy, and microbiology. Instruction will include anatomy and physiology, pathophysiology, pharmacology, and terminology. Prerequisite(s): Completion of the course's listed MAP 121 and MAP 124. Co-requisites: MAP 146.

Additional Fee: 19.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3823	4 Cr	8:00AM-11:00AM	WF	01/03/20-03/18/20	21 108	Jones, Michel	HYBRID	FULL

MAP 178 HEALTH INSURANCE AND CODING

Acquire information regarding private and public insurance programs. Practice fundamental skills relating to ICD-10 and CPT coding utilizing the coding books, computer and/or specific software. Practice knowledge and skill acquired from previous quarters. Prerequisite(s): Completion of MAP 182 and MAP 184. Co-requisite: MAP 181.

Additional Fee: 128.30

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3803	6 Cr	12:00PM-3:30PM	TuWThF	01/03/20-02/19/20	21 108	Jones, Michel	HYBRID	FULL

MAP 181 FANANCIAL PRACTICES

Covers basics of accounting and bookkeeping. Instruction also includes bank accounts and cash funds, and methods of preparation for employee and employer payroll and business taxes. Practice of knowledge and skill acquired from previous quarters. Prerequisite(s): Completion of MAP 182 and MAP 184. Co-requisites: MAP 178.

Additional Fee: 19.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3813	4 Cr	12:00PM-3:30PM	TuWThF	02/20/20-03/19/20	21 108	Jones, Michel	HYBRID	FULL

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

Additional Fee: 43.05

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3843	3 Cr	9:00AM-3:00PM	DAILY	01/02/20-01/15/20	21 122	Yarbough, Kis		

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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3853	8 Cr	0:R M-0: M	DAILY	01/16/20-03/14/20	ARR	Yarbough, Kis	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.

Additional Fee: 4.90

LAKESIDE CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3863	1 Cr	9:00AM-3:00PM	DAILY	03/15/20-03/21/20	21 122	Yarbough, Kis	HYBRID	

MEDICAL HISTOLOGY

HISTO 120 HISTOTECHNOLOGY II

Covers and expands upon the knowledge and skills learned in Histotechnology I. Students will begin to learn the theory and principles of hematoxylin and eosin staining, as well as the basic principles and procedures of carbohydrate stains. "" Prerequisite(s): Successful completion of HISTO 105, HISTO 110 and HISTO 115.

Additional Fee: 49.00

LAKESIDE CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5603	10 Cr	7:00AM-3:00PM	TuWThF	01/02/20-03/20/20	21 232	Haggerty, Reb	ENHANCED	

HISTO 125 HISTOTECHNOLOGY LAB II

Expands upon the knowledge and skills learned in Histotechnology Lab I. Students continue to increase their skills in embedding and tissue sectioning, including the cutting and staining of frozen tissue specimens. Students learn to do carbohydrate and Amyloid stains. "" Co-requisites: HISTO 120.

Additional Fee: 45.45

LAKESIDE CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5613	5 Cr	7:00AM-3:00PM	TuWThF	01/02/20-03/20/20	21 232	Haggerty, Reb	ENHANCED	

HISTO 130 MATH APPS FOR HISTOLOGY

Introduces laboratory mathematics with an emphasis on solution preparation. Co-requisite: HISTO 120 and HISTO 125. Co-requisites: HISTO 120 and HISTO 125.

Additional Fee: 14.70

LAKESIDE CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
5623	3 Cr	7:00AM-3:00PM	TuWThF	01/02/20-03/20/20	21 232	Haggerty, Reb	HYBRID	

MEDICAL LABORATORY TECHNICIAN

MLT 237 CLINICAL EXPERIENCE II

Continues the clinical training begun in MLT 233. Students continue for six weeks of training (either five eight-hour days each week or four nine-hour days each week), rotating through those departments not yet experienced and continuing to meet objectives listed in the MLT 233 syllabus. Some clinical sites may assign 1-2 weeks of either swing or night shift as part of the clinical phase. As in MLT 233, staff of the affiliated laboratory directly supervise students, and there is ongoing contact with the instructor in the form of monthly site visits, as well as Wednesday afternoon class sessions. This course is offered winter quarter. Prerequisite(s): Successful completion of MLT 222 and MLT 233.

Additional Fee: 14.00

LAKESIDE CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4803	8 Cr	0:R M-0: M	DAILY	01/02/20-03/20/20	21 222	Colon Gabriele	HYBRID	

MLT 239 CLINICAL EXPERIENCE III

Complete the clinical training begun in MLT 233 and continued in 237. Students complete five more weeks of training (either five eight-hour days or four nine-hour days each week), completing the remainder of the objectives in the MLT 233 syllabus. Some clinical sites may also assign 1-2 weeks of either swing or night shift as part of the clinical phase. As in MLT 237, staff of the affiliated laboratory directly supervise students, and there is ongoing contact with the instructor in the form of monthly site visits, as well as Wednesday afternoon class sessions. This course is offered winter quarter. Near the end of the quarter students will be given a cumulative final exam to prepare them for the ASCP national board exam. Prerequisite(s): Successful completion of MLT 237.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4813	8 Cr	0:R M-0: M	DAILY	01/02/20-03/20/20	21 222	Colon Gabrie	HYBRID	

NON DESTRUCTIVE TESTING

MS 123 FUNDAMENTALS OF WELDING FOR NON WELDING MAJOR

Students will identify, perform, or witness various basic welding processes for prospective visual and non-destructive inspectors.

Additional Fee: 69.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0903	5 Cr	8:00AM-12:30PM	DAILY	01/02/20-03/20/20	24	Gilmore, Mich	HYBRID	

MS 126 FUNDAMENTALS OF COMPOSITES FOR THE NON-COMPOSITE

Introduces the various kinds of composite parts. This course explores the different types of resin, matrices, fibers, cores, and laminates. Students will explore their mechanical properties and the advantages of each type of composite structure. Covers the layup, winding, molding, curing, and repair of composite parts. Explores the role of NDT in testing composite parts after fabrication and after repair and the kinds of defects found.

Additional Fee: 64.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0913	4 Cr	8:00AM-12:30PM	DAILY	01/02/20-03/20/20	24	Gilmore, Mich	HYBRID	

MS 131 BLUEPRINT READING FUNDAMENTALS

Covers basic lines and views of drawings, identifying and interpreting weld and fabrication symbols, and locating NDT requirements.

Additional Fee: 59.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0923	3 Cr	8:00AM-12:30PM	DAILY	01/02/20-03/20/20	24	Gilmore, Mich	HYBRID	

NDT 150 ULTRASONIC TESTING I

Introduces ultrasonic principles of sound wave propagation and term definitions. Also introduces the student to the calibration ultrasonic equipment and the various straight beam testing methods. Covers linearity and immersion testing, Snells law, and angle beam calibration and testing are covered.

Additional Fee: 69.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0933	5 Cr	8:00AM-12:30PM	DAILY	01/02/20-03/20/20	24 113	Balke, John	HYBRID	

NDT 180 ULTRASONIC TESTING II

Covers the use of angle beam testing to locate and size welding flaws. Immersion inspection of composite materials will also be covered.

Additional Fee: 69.50

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>
0943	5 Cr	8:00AM-12:30PM	DAILY	01/02/20-03/20/20	24 113	Balke, John	HYBRID	

NDT 220 ULTRASONIC TESTING III

Covers the application of advanced ultrasonic techniques, procedures, codes, and specifications as they apply to industry. Advanced applications will be performed using normal beam testing, angle beam testing, and immersion techniques. Techniques will be applied to a variety of industries, such as power, construction, manufacturing, and aircraft inspection. Also exposes students to computerized ultrasonic applications.

Additional Fee: 69.50

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>
0953	5 Cr	8:00AM-12:30PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 59.70

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>
0963	3 Cr	0:R M-0: M	DAILY	01/02/20-03/20/20	24	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.

Additional Fee: 98.90

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>
0983	Var	8:00AM-12:30PM	DAILY	01/02/20-03/20/20	24	Balke, John	HYBRID	

NDT 255 NDT SPECIAL PROJECTS

Strengthen technical skills in NDT topics by applying knowledge to projects of personal interest and/or assigned. Prerequisite: Advanced standing with Instructor's permission.

Additional Fee: 59.70

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>
0973	Var	8:00AM-12:30PM	DAILY	01/02/20-03/20/20	24	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.

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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NS03	5 Cr	8:00AM-2:00PM	TuWTh	01/02/20-01/24/20	21 211	Delbridge, K
NSAA	5 Cr	5:00PM-9:00PM	MTuWTh	01/02/20-03/20/20	21 210	Mensonides, S
NST3	5 Cr	5:00PM-9:00PM	MTuWTh	01/02/20-03/20/20	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.

Additional Fee: 40.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
NSAB	2 Cr	5:00PM-9:00PM	MTuWTh	01/02/20-03/20/20	21 210	Mensonides, S		
NSF3	2 Cr	5:00PM-9:00PM	MTuWTh	01/02/20-03/20/20	21 210	Mensonides, S		
NS13	2 Cr	8:00AM-2:30PM	MTu	01/27/20-03/20/20	21 137	Delbridge, K		
NS23	2 Cr	8:00AM-2:30PM	WTh	01/27/20-03/20/20	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.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
NS33	2 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ARR	Delbridge, K		
NSC3	2 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 96.16

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8003	4 Cr	7:00AM-11:00AM	M	01/06/20-03/16/20	21 210	Hernandez, Ka	HYBRID	
80AC	4 Cr	7:00AM-11:00AM	M	01/06/20-03/16/20	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.

Instructor Permission required.

Additional Fee: 98.90

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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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8013	3 Cr	12:00PM-3:00PM	Tu	01/07/20-03/17/20	21 210	Dadashova, Ir	HYBRID
80AA	3 Cr	12:00PM-3:00PM	Tu	01/07/20-03/17/20	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.

Instructor Permission required.

Additional Fee: 41.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8023	6 Cr	8:00AM-11:00AM	Tu	01/07/20-03/17/20	21 210	Tran, Fung	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.

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>
8033	3 Cr	12:00PM-3:00PM	M	01/06/20-03/16/20	21 210	Tran, Fung	HYBRID	
80AB	3 Cr	12:00PM-3:00PM	M	01/06/20-03/16/20	21 210	Tran, Fung	HYBRID	

NURS 131 MEDICAL-SURGICAL NURSING II

Focuses on 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 consideration and client teaching are integrated. Prerequisite(s): Successful completion of NURS 117, NURS 120, NURS 122, NURS 123, and NURS 124.

Additional Fee: 96.16

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8043	3 Cr	8:00AM-11:00AM	W	01/08/20-03/18/20	21 211	Dadashova, Ir	HYBRID	

NURS 134 PHARMACOLOGY IN 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>
8053	5 Cr	8:00AM-1:00PM	M	01/06/20-03/16/20	21 211	Ovechka, Soph	HYBRID	
80AD	5 Cr	8:00AM-1:00PM	M	01/06/20-03/16/20	21 211	Ovechka, Soph	HYBRID	

NURS 137 NURSING CLINICAL SKILLS & DATA COLLECTION II

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.

Additional Fee: 41.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
8063	5 Cr	1:30PM-3:00PM	M	01/06/20-03/16/20	21 211	Hernandez, Ka	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.

Additional Fee: 96.16

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>
8073	4 Cr	12:00PM-4:00PM	M	01/06/20-03/16/20	21 108	Dadashova, Ir	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.

Additional Fee: 30.35

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>
80B3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ARR	Rose-Bungay		

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.

Additional Fee: 39.00

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>
80C3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ARR	Rose-Bungay		

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.

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>
8083	2 Cr	8:30AM-11:00AM	M	01/06/20-03/16/20	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.

Additional Fee: 30.35

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>
8093	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Additional Fee: 39.00

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>
80A3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
0534	5 Cr	12:00PM-2:30PM	F	01/03/20-03/20/20	21 107	Scott, Patric	HYBRID	FULL
0535	5 Cr	3:00PM-5:30PM	F	01/03/20-03/20/20	21 107	Scott, Patric	HYBRID	FULL

OPERATIONS MANAGEMENT

OPM 313 QUALITY MANAGEMENT

Equips students with the tools used to plan, implement, and manage quality management programs, with special emphasis on process documentation, staff training, and communication of results to management and auditors.

Prerequisite(s): Successful completion of MAT 311 or instructor's permission.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA03	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	24 206	Ostadfar, Ali	HYBRID	

OPM 314 LOGISTICAL PLANNING AND SUPPLY CHAIN MANAGEMENT

Introduces students to the complexities of domestic and global supply chains, including consideration of make/buy and outsourcing decisions. Explores the importance of the inventory control and procurement functions and discusses the use of materials resource planning (MRP), manufacturing resource planning (MRPII), and enterprise resource planning (ERP) systems. Prerequisite(s): Successful completion of MAT 311 or instructor's permission.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA13	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	24 206	Ostadfar, Ali	HYBRID	

OPM 491 FOCUSED STUDY I

Provides students with an opportunity to explore an area of professional interest and to develop a greater understanding of that area through focused study and applied research under the direction of a faculty member and/ or industry mentor. The topic to be studied will be agreed on in conjunction with program faculty and approved by the program director, and each course will require both a written report and an oral presentation of the research findings. Prerequisite(s): Successful completion of MAT 311, OPM 312, ENG 310, and instructor's permission.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA23	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	24 206	Ostadfar, Ali	HYBRID	

OPM 492 FOCUSED STUDY II

Provides students with an opportunity to explore an area of professional interest and to develop a greater understanding

of that area through focused study and applied research under the direction of a faculty member and/ or industry mentor. The topic to be studied will be agreed on in conjunction with program faculty and approved by the program director, and each course will require both a written report and an oral presentation of the research findings. Prerequisite(s): Successful completion of MAT 311, OPM 312, ENG 310, and instructor's permission.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA33	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	24 206	Ostadfar, Ali	HYBRID	

PASTRY ARTS

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.

Instructor Permission required.

Additional Fee: 118.20

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3503	7 Cr	6:00AM-2:30PM	TuWThF	01/02/20-03/20/20	23 313	Newman, Shell		

BAKE 114 DESSERT ALTERNATIVES

Covers how to make sugar-free, vegan and gluten-free desserts. Students will explore how to develop and use special ingredients, techniques, and methods when making desserts not using standard ingredients, such as eggs, butter, white flour, and milk.

Instructor Permission required.

Additional Fee: 118.20

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3523	3 Cr	12:00PM-2:00PM	TuTh	01/02/20-03/19/20	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.

Instructor Permission required.

Additional Fee: 118.20

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3513	7 Cr	6:00AM-2:30PM	TuWThF	01/02/20-03/20/20	23 313	Newman, Shell		

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.

Instructor Permission required.

Additional Fee: 118.20

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3533	7 Cr	6:00AM-2:30PM	TuWThF	01/02/20-03/20/20	23 313	Newman, Shell		

BAKE 140 RESTAURANT DESSERTS

Introduces students to the challenges of creating individual desserts for restaurants. Students will make individual desserts for the college restaurant and learn the detailed art of the Petit Fours.

Instructor Permission required.

Additional Fee: 118.20

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3543	5 Cr	8:00AM-12:00PM	TuTh	01/02/20-03/19/20	23 313	Newman, Shell		

BAKE 153 SUGAR WORK

Introduces students to the stages of sugar work. Students will demonstrate how to make various sugar-based candies and pulled sugar items. The coloring and handling of sugar flowers and ribbons will also be demonstrated.

Instructor Permission required.

Additional Fee: 118.20

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3553	3 Cr	10:00AM-12:00PM	WF	01/03/20-03/20/20	23 313	Newman, Shell		

BAKE 157 WEDDING CAKES

Covers elaborate techniques used in the composition, design, and execution of wedding cakes. Explores the use of gum paste, fondant, and modeling chocolate. Students will develop a cake rendering on the spot with a customer.

Instructor Permission required.

Additional Fee: 118.20

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3563	3 Cr	7:00AM-10:00AM	WF	01/03/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 34.30

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3573	7 Cr	9:00AM-1:45PM	WThF	01/02/20-03/20/20	23 BSTR	Newman, Shell		

PHARMACY TECHNICIAN

PT 120 PHARMACOLOGY PART I

This course explores drug action mechanisms, the routes of administration, and the effects on body systems. Emphasis is placed on the uses, effects and side effects of the major drug classes. Prerequisite(s): Completion of CAH 105 Computer Applications or equivalent and a 5 credit Medical Terminology course with a grade of B or better in all courses.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2713	5 Cr	12:30PM-2:30PM	Tu	01/07/20-03/17/20	21 226	Autry, Trisha	HYBRID	
27AB	5 Cr	12:30PM-2:30PM	Tu	01/07/20-03/17/20	21 226	Autry, Trisha	HYBRID	

PT 121 INTRODUCTION TO PHARMACY & PHARMACY LAW

Orients students to the work of pharmacy technicians and the context in which technicians work is performed. Pharmacy Law as it pertains to the practice of pharmacy in the State of Washington compared to the United States as a whole.

Prerequisite(s): Completion of CAH 105 Computer Applications or equivalent and a 5 credit Medical Terminology course with a grade of B or better in all courses.

Additional Fee: 98.90

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2703	5 Cr	12:30PM-1:30PM	M	01/06/20-03/16/20	21 226	Autry, Trisha	HYBRID	
27AA	5 Cr	12:30PM-1:30PM	M	01/06/20-03/16/20	21 226	Autry, Trisha	HYBRID	

PT 126 COMMUNITY PRACTICE

Introduces the community pharmacy experience. Custer service will be explored. Prerequisite(s): Completion of CAH 105 Computer Applications or equivalent and a 5 credit Medical Terminology course with a grade of B or better in all courses.

Additional Fee: 19.60

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2723	4 Cr	1:30PM-2:30PM	M	01/06/20-03/16/20	21 226	Autry, Trisha	HYBRID	
27AC	4 Cr	1:30PM-2:30PM	M	01/06/20-03/16/20	21 226	Autry, Trisha	HYBRID	

PT 135 HOSPITAL PRACTICE WITH STERILE PROCESSING

Introduces the differences between hospital practice and community pharmacy practice. Students will learn of inpatient drug distribution systems, unit dose systems, formularies, and specialized services. Prerequisite(s): Completion of PT 136, PT 122, PT 133, and PT 127.

Additional Fee: 100.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2733	6 Cr	10:30AM-12:00PM	Tu	01/07/20-03/17/20	21 226	Autry, Trisha	HYBRID	

PT 138 GENERIC DRUG NAMES PART 2

This course will continue the exploration of the top 200 drugs prescribed in the United States each year. Prerequisite(s): Completion of PT 136, PT 122, PT 133 and PT 127. With a B or above in all courses.

Additional Fee: 9.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2743	2 Cr	10:00AM-10:30AM	MTu	01/06/20-03/17/20	21 226	Autry, Trisha	HYBRID	

PT 155 CLINICAL CAPSTONE RESEARCH

This course explores professionalism and clinical readiness. Prerequisite(s) Completion of PT 136, PT 122, PT 133 AND PT 127 with aB or above in all courses.

Additional Fee: 9.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
2753	2 Cr	10:30AM-11:30AM	M	01/06/20-03/16/20	21 226	Lalli, Jillia	HYBRID	

PT 157 PHARMACY LAB #2

Students will apply techniques learned to prepare sterile compounded products. Emphasis will be on aseptic technique and USP 797. Students will learn how to use inpatient drug distribution systems and unit dose systems. Note: Class meets on Wednesdays and every other Thursday. Prerequisite(s): Completion of PT 136, PT 122, PT 133 AND PT 127. With a B or above in all courses.

Additional Fee: 100.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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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PHILOSOPHY

PHIL 310 PROFESSIONAL ETHICS

This course increases students' awareness of ethical dilemmas that might occur at work to show how such ethical issues are subject to management analysis and decision-making action and to provide students with the conceptual tools necessary to identify and develop an acceptable resolution to these dilemmas. Prerequisite(s): Successful completion of ENGL& 101.

Additional Fee: 24.50

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>
BA53	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	24 205B	Swetnam, Erwi	HYBRID	

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.

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>
0554	5 Cr	ARRANGED	ARRANGED	01/06/20-03/18/20	ON LINE	Harrington, J	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>
0553	5 Cr	9:00AM-9:50AM	TuTh	01/06/20-03/18/20	SHC115	Staff	HYBRID	

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.

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>
0552	5 Cr	ARRANGED	ARRANGED	01/06/20-03/18/20	ON LINE	Harrington, J	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>
0551	5 Cr	8:00AM-8:50AM	TuTh	01/06/20-03/18/20	SHC115	Staff	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.

Additional Fee: 19.60

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>
5103	4 Cr	12:00PM-3:00PM	DAILY	01/02/20-03/20/20	SHC105	Collins, Mars	ENHANCED	

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.

Additional Fee: 19.60

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>
5113	4 Cr	12:00PM-3:00PM	DAILY	01/02/20-03/20/20	SHC105	Collins, Mars	ENHANCED	

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. Instructor Permission required.

Additional Fee: 19.60

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>
5123	4 Cr	12:00PM-3:00PM	DAILY	01/02/20-03/20/20	SHC105	Collins, Mars	ENHANCED	

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.

Instructor Permission required.

Additional Fee: 19.60

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>
5133	4 Cr	12:00PM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
5143	4 Cr	12:00PM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
5153	4 Cr	12:00PM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
5163	4 Cr	12:00PM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
5173	4 Cr	12:00PM-3:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
5183	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
5193	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51A3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 19.60

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>
51B3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51C3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51D3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51F3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 19.60

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>
51G3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51H3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 19.60

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>
51J3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/21/20	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.

Additional Fee: 19.60

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>
51K3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 14.70

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	01/02/20-03/20/20	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.

Additional Fee: 14.70

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	01/02/20-03/20/20	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.

Additional Fee: 19.60

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>
51L3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 19.60

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>
51M3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 14.70

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	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51N3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 19.60

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>
51P3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 19.60

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>
51Q3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51R3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51S3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51T3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51U3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51V3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 19.60

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>
51W3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51X3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 19.60

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>
51Y3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 19.60

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>
51Z3	4 Cr	8:00AM-11:00AM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 14.70

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	01/02/20-03/20/20	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>
0536	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
0537	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Wheeler, Mike	ONLINE	FULL
0539	5 Cr	9:00AM-9:50AM	DAILY	01/02/20-03/20/20	16 203	Rose-Pennisi		FULL
0541	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Rose-Pennisi	ONLINE	

0543	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Wheeler, Mike	ONLINE	FULL
0544	5 Cr	2:30PM-3:50PM	TuTh	01/02/20-03/19/20	16 203	Baylor, James	HYBRID	FULL
0538	5 Cr	8:00AM-8:50AM	MTuW	01/06/20-03/18/20	16 203	Wheeler, Mike	HYBRID	
0540	5 Cr	11:00AM-11:50AM	MTuW	01/06/20-03/18/20	16 203	Wheeler, Mike	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>
0542	5 Cr	1:15PM-2:45PM	MW	01/06/20-03/18/20	SHC119	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.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
0545	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	ON LINE	Sperry, David	ONLINE	

PSYC 311 INDUSTRIAL & ORGANIZATIONAL PSYCHOLOGY

Examines how people behave and interact with each other at work, with an emphasis on the way that this affects job performance. Topics covered in this course include the development of leadership skills, recruitment and retention, motivation and team building, managing change, and conflict resolution. Prerequisite(s): Successful completion of ENGL& 101.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
BA43	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	24 205B	Van Beek, Car	HYBRID	

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.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	5 Cr	9:30AM-11:50AM	TuTh	01/02/20-03/19/20	14 212	Copeland, Kri		FULL

0522	5 Cr	2:00PM-4:20PM	TuTh	01/02/20-03/19/20	16 205	Heath, Terry
0520	5 Cr	9:30AM-11:50AM	MW	01/06/20-06/18/20	14 212	Copeland, Kri

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.

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>
3263	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 14.70

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
32B3	3 Cr	9:00AM-2:00PM	WThF	01/02/20-03/20/20	31 100	Phillips, Jen	HYBRID	
3583	3 Cr	9:00AM-1:45PM	WThF	01/02/20-03/20/20	23 313	Newman, Shell		

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.

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>
3273	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 34.30

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
3283	7 Cr	9:00AM-2:00PM	WThF	01/02/20-03/20/20	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.

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>
3293	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
32A3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
32C3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
32D3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
32F3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
32G3	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
32H3	4 Cr	0:R M-0: M	DAILY	01/02/20-03/20/20	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>
5783	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Reygers, 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>
5793	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Reygers, 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>
57A3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Reygers, 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>
5743	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Reygers, 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>
57B3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
57C3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
5773	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
57J3	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
5753	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
5723	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
57G3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
5763	4 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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.

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>
57H3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
57K3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
57D3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
57L3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
57F3	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	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>
0547	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Rose-Pennisi	ONLINE	FULL
0548	5 Cr	11:00AM-11:50AM	DAILY	01/02/20-03/20/20	10 216	Rose-Pennisi	HYBRID	
0549	5 Cr	10:00AM-10:50AM	TuTh	01/02/20-03/19/20	16 203	Baylor, James	HYBRID	
0584	5 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Baylor, James	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>
0550	5 Cr	10:00AM-10:50AM	MW	01/06/20-03/18/20	SHC114	Baylor, James	HYBRID	

SURGICAL TECHNOLOGY

SURG 145 SURGICAL LAB I

Explores the operative environment, aseptic principles and practices, methodologies of opening sterile packages, preparation of the sterile field, positioning and prepping, scrub role, assistant circulator role, instruments, supplies, equipment, patient positions, incisions, draping, procedural steps and care of specimens, surgical counts, instrument handling, medication handling, suture handling, loading and unloading of blades, backtable and mayo setups, room disinfection, turnover and termination. Prerequisite(s): Successful completion of SURG110 (Intro to Surg Lab), SURG 115(Intro to the Surg Enviro). SURG120 (Care of the Surg Pt I), BIOL& 242, CAH 105

Additional Fee: 17.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4003	5 Cr	10:30AM-3:00PM	TuTh	01/03/20-03/19/20	21 120	Clark, Keza	ENHANCED	

SURG 148 OPERATING ROOM THEORY I

Explores the OR environment, instrumentation, equipment, supplies, patient positions, specimen care, postoperative considerations, abdominal incisions, surgical anatomy and procedures in general, laparoscopic, ob-gyn, ophthalmic, and genitourinary surgeries. Prerequisite(s): Successful completion of SURG 110, SURG 115, SURG 120, BIOL& 242, CAH 105.

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4013	5 Cr	7:00AM-9:30AM	TuTh	01/03/20-03/19/20	21 113	Clark, Keza	HYBRID	

SURG 150 OPERATING ROOM SETTING

Explore the history of surgical technology, career opportunities, communication skills, and the effects of teamwork, law, ethics, documentation, and the health care facility environment. Prerequisite(s): Successful completion of SURG 110, SURG 115, SURG 120, BIOL& 242, CAH 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>
4023	2 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Clark, Keza	ONLINE	

SURG 152 CARE OF THE SURGICAL PATIENT

Covers the physical, and biophysical needs of the patient and religious and cultural influences. Methods of handling death and dying, and the ethical issues surrounding death and dying. Explores the processes related to management and care of the surgical wound, including hemostasis, sutures, dressings, drains and application of various types of dressings. Prerequisite(s): Successful completion of SURG 110, SURG 115, SURG 120, BIOL& 242, CAH 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>
4033	2 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Clark, Keza	ONLINE	

SURG 201 OPERATING ROOM THEORY III

Assesses the anatomy, physiology, and path physiology of the surgical specialties. Classroom activities will analyze procedures and anatomy related to pediatric, thoracic/pulmonary, cardiac, peripheral vascular neurosurgical and trauma procedures. Prerequisite(s): Successful completion of SURG154, SURG 160, SURG 128, SURG 153, SOC 101

Additional Fee: 24.50

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4053	5 Cr	7:00AM-9:00AM	WF	01/03/20-03/20/20	21 113	Clark, Keza	HYBRID	

SURG 205 CLINICAL PREPARATION

Students will earn HIPPA and Blood Borne Pathogens certificates, and complete all paperwork related to attending clinical rotation. Prerequisite(s): Successful completion of SURG 154, SURG 160, SURG 128, SURG 153 & SOC 101.

Additional Fee: 26.80

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4063	2 Cr	0:R M-0: M	Th	01/02/20-03/20/20	ARR	Urquidez, Jam	HYBRID	

SURG 208 MICROBIOLOGY FOR SURGICAL TECHNOLOGY

Explores the relationship of microbiology and surgical practice, types and identification process of various microbes, cell structure of microbes, and disease process of microbes Prerequisite(s): Successful completion of SURG154, SURG 160, SURG 128, SURG 153, SOC 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>
4073	3 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Urquidez, Jam	ONLINE	

SURG 212 SURGICAL LAB III

Preclinical level lab for practice of aseptic principles and practices, scrubbing, gowning, gloving, and preparation of the sterile field. Will practice draping patient, placing multiple types of drains and patient positioning. Demonstrate critical thinking skills and prioritizing the situations and corrections of contaminations. The course will teach care of specimens, and learn the roles of assistant circulator. Prerequisite(s): Successful completion of SURG154, SURG160, SURG128, SURG 153, SOC 101

Additional Fee: 363.90

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4043	5 Cr	10:00AM-3:30PM	WF	01/03/20-03/20/20	21 120	Clark, Keza	ENHANCED	

SURG 225 CLINICAL APPLICATIONS III

See Clinical Applications. Prerequisite(s): Successful completion of SURG 215, SURG 220 SURG 235 and SURG 237.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4083	5 Cr	0:R M-0: M	MTuWTh	01/20/20-02/06/20	ARR	Urquidez, Jam	ENHANCED	

SURG 230 CLINICAL APPLICATIONS IV

See Clinical Applications. Prerequisite(s): Successful completion of SURG 215, SURG 220 SURG 235 and SURG 237.

Additional Fee: 14.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4093	5 Cr	0:R M-0: M	MTuWTh	02/10/20-03/19/20	ARR	Urquidez, Jam	ENHANCED	

SURG 240 SEMINAR II

Classroom presentations of employability skills, preoperative routines, and transportation. Classroom preparation for the NBSTSA Certification Exam. Prerequisite(s): Successful completion of SURG 215, SURG 220 SURG 235 and SURG 237.

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
40A3	3 Cr	10:00AM-1:00PM	F	01/03/20-03/20/20	21 113	Urquidez, Jam	HYBRID	

SURG 242 CERTIFICATION TEST PREP II

Prepares students to take the NBSTSA National Certification Test. Students will participate in the National Certification Test. Prerequisite(s): Successful completion of SURG 201, SURG 215, SURG 220 SURG 235 and SURG 237

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
40B3	2 Cr	ARRANGED	ARRANGED	01/02/20-03/20/20	ON LINE	Urquidez, Jam	ONLINE	

UPHOLSTERY

UPH 101 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 setup an efficient work station.

Additional Fee: 45.00

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>
4303	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 103 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.

Additional Fee: 45.00

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>
4313	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 105 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.

Additional Fee: 45.00

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>
4323	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 107 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.

Additional Fee: 45.00

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>
4333	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 109 INTERMEDIATE SEWING I

Develop sewing skills, speed and accuracy by constructing cushions, pillows and automotive inserts. Prerequisite(s): Successful completion of UPH 101, UPH 103, UPH 105, UPH 107.

Instructor Permission required.

Additional Fee: 45.00

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>
4343	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 111 INTERMEDIATE SEWING II

Continuation of sewing skills learned in Intermediate Sewing I. Increase speed and accuracy by constructing cushions, pillows and automotive inserts. Prerequisite(s): Successful completion of UPH 101, UPH 103, UPH 105, UPH 107

Instructor Permission required.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4353	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 113 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 101, UPH 103, UPH 105, UPH 107

Instructor Permission required.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4363	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 115 ADVANCED SEWING II

Continuation of Advanced Sewing I to develop students' advanced sewing skills. Provides practical application of sewing skills on a 2015 Cor vette 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 101, UPH 103, UPH 105, UPH 107.

Instructor Permission required.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4373	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4383	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
4393	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43A3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	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

Additional Fee: 45.00

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>
43B3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 126 BENCH SEATS I

Covers the removal of an automotive bench 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 UPH 118, UPH 120, UPH 122 and UPH 124, or instructor permission.

Instructor Permission required.

Additional Fee: 45.00

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>
43H3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 128 BENCH SEATS II

Covers various sewing techniques for automotive bench seats as well as preparation and fitting of upholstery covers for bench seats and head rests. Students will also learn how to reinstall automotive bench seats and headrests after reupholstering. Continuation of skills learned in Bench Seats I. Prerequisite(s): Successful completion of UPH 118, UPH 120, UPH 122 and UPH 124, or instructor permission.

Instructor Permission required.

Additional Fee: 45.00

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>
43J3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 132 HEADLINERS

Introduces fabrication of bow headliners, upholstery of hard shell headliners and installation and creation of matching sun visors. Prerequisite(s): Successful completion of UPH 118, UPH 120, UPH 122 and UPH 124, or instructor permission.

Instructor Permission required.

Additional Fee: 45.00

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>
43K3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 45.00

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>
43C3	3 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 45.00

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>
43D3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43F3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 160 UPHOLSTERING A WING BACK CHAIR I

Introduces skills needed to upholster a wingback chair. Provides an overview of professional upholstery techniques, materials, tools, and best practices. Prerequisite(s): Instructor Permission or successful completion of UPH101, UPH 103, UPH 105, UPH 107, UPH 109, UPH 111, UPH 113, UPH 115

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43G3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 165 UPHOLSTERING A WING BACK CHAIR II

Continues building on skills learned in Upholstering a Wingback Chair I course. Prerequisite(s): Instructor Permission or successful completion of UPH101, UPH 103, UPH 105, UPH 107, UPH 109, UPH 111, UPH 113, UPH 115

Instructor Permission required.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43L3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 170 UPHOLSTERING A SOFA I

Covers professional upholstery techniques and skills needed to upholster a sofa, overview of materials and tools of furniture upholstery and best practices. Prerequisite(s): Instructor Permission or successful completion of UPH101, UPH 103, UPH 105, UPH 107, UPH 109, UPH 111, UPH 113, UPH 115

Instructor Permission required.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43M3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	03 402	Glasgow, J		

UPH 175 UPHOLSTERING A SOFA II

Continues building on skills learned in Upholstering a Sofa I course, includes instruction on designing and sewing sofa skirts and furniture arm covers. Prerequisite(s): Instructor Permission or successful completion of UPH101, UPH 103, UPH 105, UPH 107, UPH 109, UPH 111, UPH 113, UPH 115

Instructor Permission required.

Additional Fee: 45.00

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
43N3	4 Cr	9:00AM-3:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 119.35

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>
9803	5 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 403	Meyers, David		
98AN	5 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 403	Riojas, Ameli		
98P3	5 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 403	Smock, Zachar		

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.

Instructor Permission required.

Additional Fee: 119.35

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>
9813	3 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 400	Meyers, David		
98AP	3 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98Q3	3 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 400	Smock, Zachar		

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.

Instructor Permission required.

Additional Fee: 119.35

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>
9823	4 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 400	Meyers, David		
98AQ	4 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98R3	4 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 400	Smock, Zachar		

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.

Instructor Permission required.

Additional Fee: 119.35

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>
9833	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 400	Meyers, David		
98AR	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98S3	7 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 400	Smock, Zachar		

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.

Instructor Permission required.

Additional Fee: 119.35

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>
9843	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 400	Meyers, David		
98AS	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		

98T3 7 Cr 12:00PM-5:00PM DAILY 01/02/20-03/20/20 25 400 Smock, Zachar

WLD 143 MATERIALS AND TESTING

Covers welding processes, electrode selection, welder qualifications and welding inspection Instructor Permission required.

Instructor Permission required.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9853	5 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 403	Meyers, David		
98AT	5 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 403	Riojas, Ameli		
98U3	5 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 403	Smock, Zachar		

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.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9863	5 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 403	Meyers, David		
98AU	5 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 403	Riojas, Ameli		
98W3	5 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 403	Smock, Zachar		

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.

Instructor Permission required.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9873	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 400	Meyers, David		
98AV	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98V3	7 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 400	Smock, Zachar		

WLD 157 METALLURGY

Examines metal identification and classification, mechanical properties, crystalline structures, heat treatments, and metallurgical effects of welding. Prerequisite: WLD 142.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9883	5 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 403	Meyers, David		
98AW	5 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 403	Riojas, Ameli		
98X3	5 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 403	Smock, Zachar		

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.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
9893	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 400	Meyers, David		
98AX	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98Y3	7 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 400	Smock, Zachar		

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.

Instructor Permission required.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98A3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 400	Meyers, David		
98AY	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98Z3	7 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 400	Smock, Zachar		

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.

Instructor Permission required.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98AZ	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98B3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98BB	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98C3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98BC	Var	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98D3	Var	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98BD	Var	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98F3	Var	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</u>	<u>Hours</u>	<u>Days</u>	<u>Start-End Dates</u>	<u>Location</u>	<u>Faculty</u>	<u>Internet</u>	<u>Notes</u>
98AF	7 Cr	12:00PM-5:00PM	DAILY	01/02/20-03/20/20	25 400	Smock, Zachar		
98BF	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98G3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	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.

Instructor Permission required.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98BG	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98H3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98BH	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98J3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 400	Meyers, David		

WLD 229 METAL-FORMING

Develops techniques, tools, and equipment necessary to form metal into a variety of shapes. Prerequisite(s): Successful completion of WLD 157 Metallurgy or instructor permission.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98BJ	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98K3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98BK	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98L3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98BL	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98M3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	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.

Additional Fee: 119.35

LAKWOOD CAMPUS

<u>Item</u>	<u>Cred</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	01/02/20-03/20/20	25 400	Smock, Zachar		
98BM	7 Cr	5:00PM-10:00PM	DAILY	01/02/20-03/20/20	25 400	Riojas, Ameli		
98N3	7 Cr	7:00AM-12:00PM	DAILY	01/02/20-03/20/20	25 400	Meyers, David		

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