## Engine Repair and Engine Performance Technician Certificate

Program Start: By instructor’s approval.

Program Length: 4 Quarters Prerequisites: Yes Total College Credits: 90

Successful completion of ENG 094 or meet appropriate placement and be concurrently enrolled in MAT 092 or meet appropriate placement while enrolled in IAUT. A valid driver’s license is required.

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| High School | College |
| Core Science Credit | Engine Minor Mechanical Repair – AUT 174 (6 credits) Engine Major Mechanical Repair – AUT 175 (6 credits) Engine Mechanical Lab – AUT 178 (3 credits) Electronic Systems – AUT 209 (7 credits)  Electrical Systems – AUT 212 (7 credits) Automotive Ignition Systems – AUT 217 (7 credits) Automotive Fuel Systems – AUT 223 (7 credits)  Automotive Emissions Systems – AUT 236 (7 credits) |
| Core Math Credit | Any 100-Level Math Class (5 credits) |
| Core English Credit | English Composition I – ENGL& 101 (5 credits)  Public Speaking – CMST& 220 (5 credits) |
| Core Social Studies | General Psychology – PSYC& 100DIV (5 credits) Introduction to Sociology – SOC& 101DIV (5 credits)  Psychology of the Workplace – PSY 112DIV (5 credits) |
| CTE Credits/Optional Elective | College Success for All – COLL 102 (3 credits)  Introduction to Automotive Electrical – IAUT 104 (4 credits) Introduction to Automotive Trades – IAUT 105 (4 credits)  Introduction to Automotive Steering, Suspension & Brakes – IAUT 115 (5 credits) Automotive HVAC – IAUT 130 (2 credits)  Basic Automotive Welding – IAUT 140 (4 credits) |