## Ford Maintenance and Light Repair Technician AAT Degree

Program Start: Fall, winter, and spring quarters, or by instructor’s permission.

Program Length: 7 Quarters Prerequisites: Yes Total College Credits: 167

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 | Ford Introduction to Automotive – FAUT 120 (2 credits)Ford Basic Electrical Systems diagnosis and Testing – FAUT 144 (6 credits) Ford Automotive Brakes – FAUT 147 (6 credits)Ford Automotive Suspension, Steering, & Wheel Alignment – FAUT 149 (7 credits) Ford Automotive, Suspension, Steering, & Wheel Alignment Lab – FAUT 157 (6 credits) Ford Base Steering, Suspension & Alignment – FAUT 172 (6 credits)Ford General Maintenance & Tires – FAUT 179 (7 credits) Ford Brake Systems Diagnosis – FAUT 185 (2 credits) Ford Electronic Systems – FAUT 209 (7 credits)Ford Electrical Systems – FAUT 212 (7 credits)Ford Automotive Air Conditioning, Heating & Ventilation – FAUT 255 (6 credits)Engine Minor Mechanical Repair – AUT 174 (6 credits) Engine Major Mechanical Repair – AUT 175 (6 credits) Engine Mechanical Lab – AUT 178 (3 credits) Automotive Ignition Systems – AUT 217 (7 credits) Automotive Fuel Systems – AUT 223 (7 credits) Automotive Emissions Systems – AUT 236 (7 credits)Automotive Clutches & Manual Transmissions – AUT 239 (9 credits)Automotive Axles, Drivelines, Differentials & Transfer Cases – AUT 243 (6 credits) Manual Drive Trains & Axles Lab – AUT 246 (4 credits)Automatic Transmissions – AUT 247 (7 credits) Automatic Transaxles – AUT 250 (7 credits)Automatic Transmissions/Transaxle Lab – AUT 251 CAP (4 credits) Introduction to Hybrid Safety – AUT 270 (4 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) Computer Literacy Course – (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)Introduction to Hybrid Safety – AUT 270 (4 credits) |