

Automotive: Manual Drive Train and Axles (A3)

#REF!



CIP CODE 47.0604

THE MANUAL DRIVE TRAIN & AXLES PROGRAM WILL FOCUS ON: CLUTCH DIAGNOSIS & REPAIR, TRANSMISSIONS DIAGNOSIS & REPAIR, TRANSAXLE DIAGNOSIS & REPAIR, DRIVE SHAFT & U-JOINT DIAGNOSIS & REPAIR, REAR AXLE DIAGNOSIS & REPAIR, FOUR-WHEEL DRIVE/AWD DIAGNOSIS & REPAIR

| OUTCOMES | Delivery Method | DE/DE (min 8 - max 21) |
|---|-------------------------|------------------------|
| MATC MANUAL DRIVE TRAIN & AXLES Program Certificate | Enrollment Availability | Adults, HS 11-12 Grade |
| ASE A8 MANUAL DRIVE TRAIN & AXLES Program Certification | Financial Aid Available | No |
| | VA Qualified | Pending |

PREREQUISITES

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Students must meet with an Automotive Program instructor prior to the first day of class.

G1 Maintenance And Light Repair Course passed with 80% grade Prior To Enrollment. This May Be Waived By Completion of a Placement Exam, or Program Instructor Approval/ Prior Work Experience

All students must have a valid driver's license

| SECTION | LOCATION | ROOM | START DATE | END DATE | START TIME | END TIME | DAYS | INSTRUCTOR | NOTES |
|---------|-----------|--------------------|------------|-----------|------------|----------|----------|------------|--------------|
| | Fall 2017 | Thanksgiving Point | Auto Bldg | 8/22/2017 | 10/26/2017 | 7:30 AM | 10:30 AM | M-F | Dave Simmons |
| | Fall 2017 | Spanish Fork | Auto Bldg | 8/22/2017 | 10/26/2017 | 7:30 AM | 10:30 AM | M-F | Matt Zufelt |
| | Fall 2018 | Thanksgiving Point | Auto Bldg | TBD | TBD | 7:30 AM | 10:30 AM | M-F | Dave Simmons |
| | Fall 2018 | Spanish Fork | Auto Bldg | TBD | TBD | 7:30 AM | 10:30 AM | M-F | Matt Zufelt |

| TUITION /FEES | COST | NOTES |
|-------------------------------|--------------|--------------|
| Registration Fee | #REF! | #REF! |
| Facilities Fee | \$50.00 | |
| Program Fees | \$150.00 | #REF! |
| Tuition | #REF! | |
| Total Tuition and Fees | #REF! | #REF! |

| REQUIRED PROGRAM MATERIALS | COST | NOTES |
|--|-----------------|--|
| Thompson Automotive Technology a Systems Approach, 6th edition | \$111.00 | ISBN:9781133612315 |
| Manual Drive Trains & Axles NATEF standards job sheets | \$55.95 | ISBN:9781111646998 |
| Shop Workshirt | \$50.00 | Students only need one shirt - They will not be charged for a shirt if they have one from a previous MATC Auto class |
| Tool Kit | \$150.00 | A detailed list will be distributed on the first day of instruction |
| Safety Glasses | \$10.00 | |
| Total | \$376.95 | |

| OPTIONAL PROGRAM MATERIALS | COST | NOTES |
|----------------------------|----------------|--|
| ASE Certification Exams | \$37.00 | Fee paid to ASE at time of test registration |
| Total | \$37.00 | |

| PROGRAM COMPONENTS | LAB | LECTURE | HYBRID | TOTAL | NOTES |
|------------------------------------|-----------|-----------|--------|------------|---|
| CLUTCH DIAGNOSIS & REPAIR | 12 | 6 | | 18 | |
| TRANSMISSION DIAG/REPAIR | 14 | 7 | | 21 | |
| TRANSAXLE DIAG/REPAIR | 16 | 8 | | 24 | |
| DRIVE SHAFT & U-JOINT DIAG/ REPAIR | 10 | 5 | | 15 | |
| REAR AXLE DIAGNOSIS & REPAIR | 14 | 7 | | 21 | |
| FOUR WHEEL DRIVE/AWD DIAG/REPAIR | 14 | 7 | | 21 | |
| HANDS ON DIAGNOSTICS | 10 | 5 | | 15 | |
| Total | 90 | 45 | | 135 | Average 2.25 months or 45 days excluding wknds and holidays |

***** Additional Information *****

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