

## Automotive Service Technology Concentrations (page 1 of 2)



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**Engineering/Manufacturing &  
Industrial Technology**

### WHEEL SERVICE – CONCENTRATION

Minimum credits:.....	17
Minimum cumulative GPA:.....	2.0
Minimum grade in all courses:.....	2.0
Minimum JCC credits:.....	12
MACRAO agreement:.....	No

**REQUIRED COURSES – (17 credits)**

**Take the following:**

- AUT 101 General Service
- AUT 105 Automotive Brakes
- AUT 106 Suspension & Steering
- AUT 112 Electrical Systems I
- AUT 210 Co-op
- AUT 234 Undercar Service

### DRIVEABILITY – CONCENTRATION

Minimum credits:.....	21
Minimum cumulative GPA:.....	2.0
Minimum grade in all courses:.....	2.0
Minimum JCC credits:.....	12
MACRAO agreement:.....	No

**REQUIRED COURSES – (21 credits)**

**Take the following:**

- AUT 102 Engine Performance I
- AUT 103 Engine Performance II
- AUT 108 Automotive Air Conditioning/Heating
- AUT 112 Electrical Systems I
- AUT 113 Electrical Systems II
- AUT 210 Co-op

### POWERTRAIN – CONCENTRATION

Minimum credits:.....	17
Minimum cumulative GPA:.....	2.0
Minimum grade in all courses:.....	2.0
Minimum JCC credits:.....	12
MACRAO agreement:.....	No

**REQUIRED COURSES – (17 credits)**

**Take the following:**

- AUT 201 Engine Repair
- AUT 202 Automatic Transmission
- AUT 204 Manual Drivetrain
- AUT 210 Co-op
- AUT 234 Undercar Service

### UNDERCAR SERVICES – CONCENTRATION

Minimum credits:.....	17
Minimum cumulative GPA:.....	2.0
Minimum grade in all courses:.....	2.0
Minimum JCC credits:.....	12
MACRAO agreement:.....	No

**REQUIRED COURSES – (17 credits)**

**Take the following:**

- AUT 101 General Service
- AUT 105 Automotive Brakes
- AUT 106 Suspension & Steering
- AUT 108 Auto Air Conditioning/Heating
- AUT 210 Auto Lab Experience
- AUT 234 Undercar Service

### HIGH SPEED DIESEL SERVICE – CONCENTRATION

Minimum credits:.....	18
Minimum cumulative GPA:.....	2.0
Minimum grade in all courses:.....	2.0
Minimum JCC credits:.....	12
MACRAO agreement:.....	No

**REQUIRED COURSES – (18 credits)**

**Take the following:**

- AUT 102 Engine Performance I
- AUT 103 Engine Performance II
- AUT 112 Electrical Systems I
- AUT 118 Diesel Fundamentals
- AUT 248 Diesel Engine Performance

### HYBRID VEHICLES – CONCENTRATION

Minimum credits:.....	16
Minimum cumulative GPA:.....	2.0
Minimum grade in all courses:.....	2.0
Minimum JCC credits:.....	12
MACRAO agreement:.....	No

**REQUIRED COURSES – (16 credits)**

**Take the following:**

- AUT 102 Engine Performance I
- AUT 103 Engine Performance II
- AUT 112 Electrical Systems I
- AUT 113 Electrical Systems II
- AUT 240 Hybrid Technology

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### MAINTENANCE & LIGHT REPAIR – CONCENTRATION

Minimum credits: .....	19
Minimum cumulative GPA: .....	2.0
Minimum grade in all courses: .....	2.0
Minimum JCC credits: .....	12
MACRAO agreement: .....	No

#### REQUIRED COURSES – (19 credits)

**Take the following:**

- AUT 105 Brakes
- AUT 106 Steering & Suspension
- AUT 108 Air Conditioning & Heating Systems
- AUT 112 Electrical Systems I
- AUT 113 Electrical Systems II
- AUT 210 Co-op