

Automotive Technology 2017-18 Recommended Course Sequencing

Course	Credits	Contact
First Semester		
TR 147 Automotive Brake Systems	3	4
TR 148 Steering, Suspension, and Alignment	3	4
TR 110 Auto Electrical Systems	3	4
TR 230 Emission Controls	2	4
TR102 Introduction to Automotive Service	2	3
CLS100 First Year Experience (if applicable)	2	2
Semester Total	13-15	19-21
Second Semester		
TR 160 Automotive Driveability	2	4
TR 220 Auto Electronic Controls	3	4
TR 103 Engine Design	4	6
TR 210 Electronic Engine Controls	2	4
TR 245 Chassis Control Systems	2	4
TR 143 Automotive Air Conditioning and Heating	2	4
Semester Total	<u>15</u>	<u>26</u>
Summer Semester I (3 weeks)		
TR 180 Applied Auto Servicing or TR181 Automotive Internship I	4	8/4
One-Year Certificate Credit/Contact Hour Totals (minimum)	32	53
Third Semester		
EN 101 English Composition 1	3	3
TR 140 Auto Power Trains	2	4
TR 240 Automatic Transmissions	2	4
Science or Math Elective	3	3
Social Sciences Elective	3	3
Semester Total	13	17
Fourth Semester		
MN 116 Welding	2	3
EN 102 English Composition 2 or choose Communications 131 or 135	3	3
TR 260 Advanced Powertrains	4	6
TR 275 Hybrid Vehicle Operation, Maintenance, and Safety	2	3
Humanities Elective Architecture: AR 111; Music: MU 107, 109, 235, 236, 237; Art: AT 105, 106, 270, 271 Philosophy: PL ____; English: EN (any 200 level); Photography: PO 105 Foreign Languages: SP, GR, FR, etc. (except COM (formerly SC) Occupational Spanish) Sign Language: SL; Humanities: HU ____; Theater: TH 248	3	3
Semester Total	14	18
Summer Semester I (3 weeks)		
TR 280 Advanced Auto Servicing or TR281 Automotive Internship II	4	8/4
Year Two Credit/Contact Hour Totals	<u>31</u>	<u>43</u>
Degree Total Credits (minimum)	63	96 (-8 with internships)