

COLLEGEWIDE CURRICULUM OF RECORD

SCHOOL OF TECHNOLOGY

Blue Highlighted Classes are Available on the Crosswalk

Highlighted Classes are Dual Credit Offerings at JEL

MAINTENANCE AND LIGHT REPAIR Certificate		
2018-2019		
Prepares students for ASE G-1 Exam		
PROFESSIONAL - TECHNICAL		
AUTI 100	Basic Automotive Service	3
AUTI 111	Electrical I	3
AUTI 145	Driveline Service	3
AUTI 121	Brake Systems	3
AUTI 122	Steering & Suspension	3
AUTI 131	Engine Performance I	3
REQUIREMENT TOTAL:		18
TOTAL CREDITS:		18

***All courses available to offer for DC*

ELECTRICAL AND HYBRID VEHICLE Certificate		
2018-2019		
Prepares students for ASE L3 Light Duty Hybrid/ Electric Vehicle Specialist certification exam		
PROFESSIONAL - TECHNICAL		
AUTI 100	Basic Automotive Service	3
AUTI 111	Electrical I	3
AUTI 112	Electrical II	3
AUTI 131	Engine Performance I	3
AUTI 141	Engine Repair	3
AUTI 210	Electric and Hybrid Vehicle Technologies	3
AUTI 260	Advanced Hybrid Vehicle and Electric Technologies	3
ALTF 103	Principles of Alternative/ Renewable Energies	3
REQUIREMENT TOTAL:		24
TOTAL CREDITS:		24

*After DC: 4 Classes left (*12 hrs)*

AUTOMOTIVE SERVICE TECHNICAL CERTIFICATE		
2017-2018		
SEMESTER 1		
AUTI 100	Basic Automotive Service	3
AUTI 111	Electrical I	3
AUTI 121	Brake Systems	3
IVYT 113	Student Success in Technology	1
COMM 104	Workplace Communication	3
SEMESTER TOTAL:		13
SEMESTER 2		
AUTI 122	Steering & Suspension	3
AUTI 131	Engine Performance I	3
AUTI 141	Engine Repair	3
AUTI 142	Climate Control	3
AUTI 145	Driveline Service	3
SEMESTER TOTAL:		15
SEMESTER 3		
AUTI 132	Engine Performance II	3
AUTI 112	Electrical II	3
SEMESTER TOTAL:		6
TOTAL HOURS:		34

MOTORSPORTS TECHNOLOGY TECHNICAL CERTIFICATE		
2017-2018		
The following suggested sequence includes all course requirements for this degree. You must consult with an academic advisor to determine which electives best meet your career goals.		
SEMESTER 1		
IVYT 113	Student Success in Technology	1
AUTI 100	Basic Automotive Service	3
AUTI 111	Electrical I	3
COMM 104	Workplace Communication	3
AUTI 122	Steering and Suspension	3
SEMESTER TOTAL:		13
SEMESTER 2		
AUTI 149	Introduction to Motor Sports	3
AUTI 262	Motor Sports Fabrication I	3
WELD 208	Gas Tungsten Arc Welding	3
AUTI 254	High Performance Engines I	3
XXX XXX	Statewide elective	3
SEMESTER TOTAL:		15
SEMESTER 3		
AUTI 255	High Performance Engines II	3
AUTI 263	Motor Sports Fabrication II	3
SEMESTER TOTAL:		6
TOTAL HOURS:		34

Progression of Courses to Certificates/Degrees

Dual Credit

Certificate

Technical Certificate

Associate of Science/Associate of Applied Science

AUTOMOTIVE TECHNOLOGY ASSOCIATE OF APPLIED SCIENCE		
2018 - 2019		
The following suggested sequence includes all course requirements for this degree. You must consult with an academic advisor to determine which electives best meet your career goals.		
SEMESTER 1 Choose <u>one</u> of the following Technical Certificates:		
XXXX XXX	Auto Body Technical Certificate Courses	
XXXX XXX	Diesel Heavy Truck Technical Certificate Courses	
XXXX XXX	Automotive Service Technical Certificate Courses	
XXXX XXX	Motorports Technical Certificate Courses	
SEMESTER TOTAL:		34
SEMESTER 2		
MATH 122	Technical Mathematics	3
XXXX XXX	Automotive Technology Statewide Elective	3
XXXX XXX	Automotive Technology Statewide Elective	3
XXXX XXX	Humanities/ Social & Behavioral Sciences Elective	3
SEMESTER TOTAL:		12
SEMESTER 3		
AUTI 279	Automotive Capstone	2
ENGL 111	English Composition	3
XXXX XXX	Automotive Technology Statewide Elective	3
XXXX XXX	Automotive Technology Statewide Elective	3
Select 1 of the following courses:		
SCIN 101	Science of Traditional and Alternative Energy	
SCIN 111	Physical Science	
BIOL 101	Introductory Biology	
SCIN 100	Earth Science	
CHEM 101	Introductory Chemistry	
SEMESTER TOTAL:		14
TOTAL HOURS:		60

(3 or 4)