AUTOMOTIVE SERVICE TECHNOLOGY

ASSOCIATE IN APPLIED SCIENCE

How can you turn a love of cars into a rewarding career?

If the hum of a smooth running engine gets you revved up, read on. Imagine the feeling of accomplishment from being able to diagnose and repair automotive problems. Automotive Service Technology students will develop knowledge and skills in electronics, drive axle and drive train repair, engine and transmission diagnosis and repair, steering, suspension and brake systems, fuel systems, electronic engine control diagnosis and drivability. This hands-on program is designed to give students intensive training and experience in the diagnosis, repair and service of current, as well as, past vehicle models.

The ASE-master-certified teachers keep up with the latest technology changes and regularly receive advanced training from vehicle manufacturers and aftermarket suppliers. Small class sizes, plus an excellent shop, add to the ideal learning environment. This program is NATEF (National Automotive Technician Educational Foundation) Accredited and has strong ties to the industry and their advisory committee.

Employment Outlook Graduates will discover an open road when it comes to career opportunities. There is high demand for well-trained technicians. Choices for entry-level jobs include: service technicians for auto dealerships, independent shops or franchise service shops, parts salesmen and service writers. There is plenty of room for advancement to shop owner, service manager to research and development and company service representatives. A program advisor will be happy to give you direction that will put you on track to achieve your goals.

Award: Associate in Applied Science (AAS) 72 Credits Credits

Location: ♦ Albert Lea ♦ D2L/Web Enhanced

Program Starts: Fall, Spring

Course Plan: Two Year

Program Certifications: NATEF (National Automotive Technicians Education Foundation) Certification

Articulation Agreements
Minnesota State University - Moorhead ♦ BS - Operations Management Southwest Minnesota State University ♦ BAS - Management Minnesota State University, Mankato ♦ BS Automotive Engineering Technology

Estimated Tuition 72 cr x $194.00 = *$13,968.00*
Books: $1200(Some books for general education classes for technical programs may be in addition to book costs listed)
Other Costs: $1500 (Tool costs vary depending on vendor)

Faculty & Advisors
♦ Jon Danielson / 379-3377
♦ Olle Gladso / 379-3347

Program Notes

Requirements for Program Admission: Tool and Safety Kit Different options available, price varies per supplier.

Students entering this program must meet the following minimum program entry requirements:
Reading: An Accuplacer score of 70 is recommended.

Assessment Results and Prerequisites: Students admitted into Riverland Community College program may need to complete additional courses based on assessment results and course prerequisite requirements. Certain MATH and ENGL courses have additional prerequisites.

Required Core Courses (20 Credits)		
AUTO1201	Introduction to Automotive	2.00
AUTO1202	Automotive Professional Skills	2.00
AUTO1212	Engine Diagnosis	2.00
AUTO1341	Fuel Systems I	3.00
AUTO1431	Basic Electrical/Electronics	4.00
AUTO2446	Drivability Diagnosis	3.00
AUTO2453	Automatic Transmission Theory	4.00
MnTC General Education Courses (21 Credits)		
ENGL1101	Freshman English	3.00
SPCH1100	Fundamentals of Speech *OR*	3.00
SPCH1200	»> Interpersonal Communication *OR*	**
SPCH1310	»> Intercultural Communication	**
***	Goal 3 - Natural Sciences *OR Goal 4 - Mathematical/Logical Reasoning*	3.00
***	Goal 5 - History and the Social & Behavioral Sciences	3.00
***	Goal 6 - Humanities and Fine Arts	3.00
***	MnTC/General Education For completion of the AAS degree, any MnTC/General Education course chosen from; • History and the Social and Behavioral Sciences Category • Natural Sciences and Mathematics/Logical Reasoning Category • Physical Education/Health Category • Humanities & Fine Arts Category.	5.00
***	Physical Education/Health	1.00
Electives (Core Electives 40 Credits, 31 are needed for the AAS)		
AUTO1311	Engine Theory and Repair	3.00
AUTO1321	Steering and Suspension	3.00
AUTO1322	Wheel Alignment	3.00
AUTO1423	Brake Systems	4.00
AUTO1451	Clutch and Manual Trans/Transaxle	4.00
AUTO2352	Rear Axle/Four Wheel Drive	3.00
AUTO2413	Ignition System Diagnosis	4.00
AUTO2432	Advanced Electrical/Electronics	3.00
AUTO2445	Fuel Systems II	4.00
AUTO2454	Automatic Transmission Electronics	4.00
AUTO2460	Heating & Air Conditioning	4.00