

NAME: _____

I.D.# _____

2011-12
AUTOMOTIVE TECHNOLOGY
Associate in Applied Science Degree

This program provides the balance of theory and practical knowledge necessary for students preparing for careers in the automotive technology industry. Service technicians are trained to maintain and repair cars, vans, small trucks, and other vehicles. Using both hand tools and specialized diagnostic test equipment, they learn to pinpoint problems and make necessary repairs or adjustments. In addition to forming complex and difficult repairs, technicians handle a number of routine maintenance procedures such as oil changes, tire rotation, and battery replacement. Technicians also interact with customers to explain repair procedures and discuss maintenance needs.

NATEF/ASE CERTIFIED PROGRAM: This program is newly certified by the **National Automotive Technicians Education Foundation (NATEF)** and the **National Institute for Automotive Service Excellence (ASE)**. That means our program meets nationally accepted standards of excellence and the latest technological advances in areas such as instruction, facilities and equipment. It also gives graduates of PSC's Auto Technology program the added assurance that they will be employable entry-level technicians. Certification by the National Institute for Automotive Service Excellence (ASE), which is voluntary, is recognized as the standard of achievement for automotive mechanics and automotive body repairers. To be certified, individuals must pass a written examination and must have at least two years of experience in the trade. Completion of high school or community college program may be substituted for one year of work experience. To retain certification, individuals must retake the examination at least every five years. For further information about ASE Certification, consult the Program Coordinator. **Visit the website for the ASE at www.ascert.org and for NATEF at www.natef.org**

GENERAL EDUCATION CORE (19-20 credits)

Area A: Communication (6 credits)

- _____ ENG 101 3 cr Composition I - grade of C or better (*Prereq. English Placement Test or ENG 099 with C or better*)
- _____ COMM 101 3 cr Principles of Communication (*Prereq. Placement in ENG 099 or above*)

Area B: Humanities and Fine Arts (3 credits)

- _____ _____ 3 cr Select one course from: ART 121, 122, 126, 129, 131; ENG 211, 212, 215, 221, 231, 232, 240, 243, 252, 256, 261, 262, 271; HUMAN 101, 102, 201, 202; MUSIC 130, 132; PHILO 201, 202, 203, 204, 205; SPAN 202; THRE 101.

Area C: Mathematics (4 credits)

- _____ TECH 109 4 cr Technical Mathematics I (*Prereq. H.S. Algebra with a C or better*)

Area D: Physical and Life Sciences (3-4 credits)

- _____ _____ 3-4 cr Select one course from: ASTRO 101, 104; BIOL 100, 103, 105, 106, 112; CHEM 105, 110; GEOG 105; GEOLO 101; METEO 150; PHYSC 111, 112; PHYSI 101, 120, 210

Area E: Social and Behavioral Science (3 credits)

- _____ _____ 3 cr Select one course from: ANTHR 215, 222; ECON 201, 202; GEOG 101; HIST 111, 112, 115, 116, 140, 151, 152, 201, 202; POLSC 101, 140, 152, 230, 240; PSYCH 101, 102, 215; SOCIO 101, 111, 210, 215, 220.

PROGRAM REQUIREMENTS (47 credits)

- _____ AUTO 101 3 cr Basic Automobile Service and System (*Prereq. Placement in RDG 098 or above*)
- _____ AUTO 102 4 cr Automotive Engines (*Prereq. AUTO 101*)
- _____ AUTO 107 4 cr Automotive Electricity/Electronics I (*Prereq. Placement in RDG 098 or above*)
- _____ AUTO 108 4 cr Suspension and Steering Systems (*Prereq. AUTO 101*)
- _____ AUTO 202 4 cr Automotive Brake Systems (*Prereq. AUTO 101*)
- _____ AUTO 205 4 cr Manual Transmissions and Transaxles (*Prereq. AUTO 101*)
- _____ AUTO 206 4 cr Automotive Engine Performance (*Prereq. AUTO 102 & 107*)
- _____ AUTO 207 4 cr Automotive Heating/Air Conditioning (*Prereq. AUTO 101 & 107*)
- _____ AUTO 208 4 cr Automatic Transmissions and Transaxles (*Prereq. AUTO 101*)
- _____ AUTO 210 4 cr Automotive Electricity/Electronics II (*Prereq. AUTO 102 & 107*)
- _____ AUTO 211 4 cr Engine Performance II (*Prereq. AUTO 206 & 210*)
- _____ AUTO 215 4 cr Advanced Automotive Service and Systems (*Prereq. AUTO 206 & 210*)

PROGRAM TOTAL (67 credits)

- _____ Successfully completed at least 15 semester hours of credit at PSC (excluding proficiency credits).
- _____ Attained a minimum gpa of 2.0 in all PSC courses. **Current cumulative GPA:** _____
- _____ Filed appropriate evidence of high school graduation or GED certificate with the Office of Enrollment Services.

_____ Filed a **Graduation Petition Form** with the Office of Enrollment Services.

Deadline for filing: October 1 for Winter, March 1 for Spring, July 1 for Summer. (December, May & August candidates may choose to participate in the annual May Commencement Ceremony. Deadline to apply for ceremony is March 1st)

	Required	Completed	In Progress	Needed
General Education Core:	20 credits	_____	_____	_____
Program Requirements:	47 credits	_____	_____	_____
TOTAL CREDITS:	67 credits	_____	_____	_____

Advised By: _____ **Date:** _____

SIGNATURE: Counselor or Advisor or Faculty Advisor

This is an UNOFFICIAL evaluation. Official Evaluations must be requested in the Office of Enrollment Services.

IMPORTANT PSC GRADUATION POLICIES

1. If the degree or certificate requirements are changed during your continuous attendance, you may elect to satisfy either the new requirements or the ones in force when you enrolled.
2. If you withdraw from Prairie State College for either a fall or spring semester, you must satisfy requirements in force at the time you re-enroll.
3. Requests for COURSE SUBSTITUTIONS in the program must be directed to the Program Coordinator. A Course Substitution Form must be signed by the Program Coordinator and submitted to the Office of Enrollment Services at least one semester prior to graduation.
4. Petitions for alteration of other graduation requirements must be submitted on a Student Appeal Form at least one semester prior to graduation.

DIVISION OF CAREER & TECHNICAL EDUCATION

Program Coord:	Anthony Gumushian	Room 2187	(708) 709-3614	tgumushian@prairiestate.edu
	Auto Lab	Room T-120	(708) 709-3781	
Dept. Chair:	Tom Michalak	Room T-145	(708) 709-7807	tmichalak@prairiestate.edu
Division Dean:	Marie Hansel	Room 2241	(708) 709-3648	mhansel@prairiestate.edu

CAREER PLANNING/PLACEMENT INFORMATION:

NATEF (National Automotive Technicians Education Foundation): www.natef.org

Occupational Outlook Handbook, U.S. Department of Labor: <http://www.bls.gov/oco/home.htm>

Employment opportunities: www.collegecentral.com/prairiestate

TOP 10 TIPS FOR AUTO TECHNOLOGY STUDENTS from ASE-Certified Master Technicians

1. **Education, Education, Education** - Continue your education and develop strong math, reading, study skills, and computer skills. A strong background in electronics is essential.
2. **Take advantage of on-the-job training, co-op, or apprenticeship opportunities** - Get all the training you can and start in a work environment that caters to service and excellence.
3. **Keep abreast of new technology** - Make a commitment to life-long learning. There is constant change in technology so take advantage of additional training whenever it is available.
4. **Learn a systems approach** - Vehicles today are complex so it is necessary to understand the interaction of electrical and mechanical components within the total system. Learn how to understand the whole system and you can apply this knowledge across the spectrum of vehicles.
5. **Develop good communication skills** - Learn not only the professional and technical skills but also communication and people skills. Your credibility is linked to your perceived competence.
6. **Keep a positive attitude** - Develop a positive outlook so that you perform proper repairs. Apply yourself - you get exactly as much out of your job as you put into it.
7. **Take pride in your work** - Work on every car as if it were your own. Whatever you do - do it well, it's your signature.
8. **Be honest and ethical** - Stay focused on what is most important, practice good work ethics, be dependable and honest, and fix it right the first time.
9. **Cultivate professionalism in yourself and others** - Act professionally, take pride in your appearance as well as in the shop area. Be a positive role model for others. Show up for work every day and always be on time.
10. **Become ASE-Certified** - Certification gives you an edge when you are seeking employment. Your confidence, sense of self-worth, and ability to get a job almost anywhere are improved once you become certified. ASE certification shows your employer that you have proven your technical expertise and that you are among the group of the very best technicians.

NATEF (National Automotive Technicians Education Foundation) Visit the website at: www.natef.org