Automotive Technology

Degree Program
AT23

Curriculum

General Education Core – Total of 15 Hours

Area I – Language Arts/Communications – Choose 3 Hours
ENGL 1101 Composition & Rhetoric (3)

Area II – Social/Behavioral Sciences – Choose 3 Hours
ECON 1101 Principles of Economics (3)
ECON 2105 Macroeconomics (3)
ECON 2106 Microeconomics (3)
HIST 1111 World History I (3)
HIST 1112 World History II (3)
HIST 2111 U.S. History I (3)
HIST 2112 U.S. History II (3)
POLS 1101 American Government (3)
POLS 2401 Global Issues (3)
PSYC 1101 Introductory Psychology (3)
SOCI 1101 Introduction to Sociology (3)

Area III – Natural Sciences/Mathematics – Choose 3 Hours
MATH 1101 Mathematical Modeling (3)
MATH 1103 Quantitative Skills/Reasoning (3)
MATH 1111 College Algebra (3)

Area IV – Humanities/Fine Arts – Choose 3 Hours
ARTS 1101 Art Appreciation (3)
ENGL 2110 World Literature (3)
ENGL 2130 American Literature (3)
HUMN 1101 Intro to Humanities (3)
MATH 1101 Math Modeling (3)

General Education Core Electives

ARTS 1101 Art Appreciation (3)
BIOL 1111(L) Biology I + Lab (4)
BIOL 2113(L) Human A&P I + Lab (4)
BIOL 2114(L) Human A&P II + Lab (4)
ECON 1101 Principles of Economics (3)
ECON 2105 Macroeconomics (3)
ECON 2106 Microeconomics (3)
ENGL 1102 Literature & Comp. (3)
ENGL 2110 World Literature (3)
ENGL 2130 American Literature (3)
HIST 1111 World History I (3)
HIST 1112 World History II (3)
HIST 2111 US History I (3)
HIST 2112 US History II (3)
HUMN 1101 Intro to Humanities (3)
MATH 1101 Math Modeling (3)
MATH 1103 Quant. Skills/Reason (3)
MATH 1111 College Algebra (3)
MATH 1112 College Trig (3)
MATH 1113 Precalculus (3)
MATH 1127 Intro to Statistics (3)
MATH 1131 Calculus I (4)
MUSC 1101 Music Apprec. (3)
PHYS 1110(L) Conc. Phys + Lab (4)
PHYS 1112(L) Conc. Phys + Lab (4)
POLS 1101 American Govt. (3)
POLS 1102 American Government (3)
POLS 2401 Global Issues (3)
PSYC 1101 Intro Psychology (3)
PSYC 2103 Human Develop. (3)
RELG 1101 World Religions (3)
RELG 1102 World History I (3)
RELG 1103 World History II (3)
SOCI 1101 Intro to Sociology (3)
SPAN 1101 Intro to Spanish (3)
SPCH 1101 Public Speaking (3)

Occupational-Related Electives

COMP 1000 Introduction to Computers (3)
AUTT 2100 Alternative Fuel Vehicles (4)
AUTT 2110 Auto. Light Duty Diesel Engines (6)

Program-Specific Core – Total of 47 Hours

AUTT 1010 Auto Technology Introduction (2)
AUTT 1020 Auto Electrical Systems (7) - OR - AUTT 1021 (4) + AUTT 1022 (3) Auto Electrical Systems I & II
AUTT 1030 Automotive Brake Systems (4)
AUTT 1040 Auto Engine Performance (7) - OR - AUTT 1041 (3) + AUTT 1042 (4) Auto Engine Performance I & II

Occupational-Related Elective: Choose 3 Hours

AUTT 1050 Auto Suspension Steering Systems (4)
AUTT 1060 Auto Climate Control Systems (5)
AUTT 2010 Automotive Engine Repair (6) - OR - AUTT 2011 (3) + AUTT 2012 (3) Automotive Engine Repair I & II
AUTT 2020 Auto Manual Drive Train/Axle (4)
AUTT 2030 Auto Transmission/Transaxle (5)

Total: 62 Hours
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Program Description
The Automotive Technology Associates Degree program is a sequence of courses designed to prepare students for careers in the automotive service and repair profession. Learning opportunities enable students to develop academic, technical, and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of automotive mechanics theory and practical application necessary for successful employment.

Program Specific Information
Students are accepted every semester based on course and space availability.

Program Length & Availability
5 Semesters
Campus Availability: Barrow, Dawson

Admissions Requirements
• Must be 16 years of age.
• High school diploma or GED is required prior to admission. (Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)
• ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

Financial Aid
This program is eligible for the Pell Grant and may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.