

# Automotive Technology

## Degree Program

### AT23

Updated: 3/16/2017  
Effective Term: 201716

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## 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 *Introduction to Humanities* (3)

MUSC 1101 *Music Appreciation* (3)

#### General Education Core Elective – Choose 3 Hours

### 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*

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)

COMP 1000 *Introduction to Computers* (3) - OR - AUTT 2100 *Alternative Fuel Vehicles* (4)

**Total: 62 Hours**

#### 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)

POLS 1101 *American Govt.* (3)

POLS 2401 *Global Issues* (3)

PSYC 1101 *Intro Psychology* (3)

PSYC 2103 *Human Develop.* (3)

SOCI 1101 *Intro to Sociology* (3)

SPAN 1101 *Intro to Spanish* (3)

SPCH 1101 *Public Speaking* (3)

For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website:  
<http://www.laniertech.edu/GE.aspx>

# Automotive Technology

## Degree Program

### AT23

#### 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.

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