Automotive Systems Technology — Diploma

Degree Type

Diploma

The same course hours may be counted only once to fulfill degree requirements. Course and credit requirements are shown below.

Requirements

General Education

Complete 2 of the following groups:

English

Take 3 credits from:

Code	Title	Credits
ENG-110	Freshman Composition	3
ENG-111	Writing and Inquiry	3

Humanities/Fine Arts/Social Sciences/Math

Take 3 credits from:

Code	Title	Credits
ART-111	Art Appreciation	3
COM-231	Public Speaking	3
ENG-112	Writing/Research in the Disc	3
ENG-113	Literature-Based Research	3
ENG-114	Prof Research & Reporting	3
ENG-115	Oral Communication	3
GEO-110	Introduction to Geography	3
GEO-111	World Regional Geography	3
HIS-121	Western Civilization I	3
HIS-131	American History I	3
HIS-132	American History II	3
HIS-221	African-American History	3
HUM-110	Technology and Society	3
HUM-115	Critical Thinking	3
HUM-120	Cultural Studies	3
HUM-121	The Nature of America	3
HUM-122	Southern Culture	3
HUM-160	Introduction to Film	3
HUM-211	Humanities I	3
MAT-110	Mathematical Measurement and Literacy	3
MAT-143	Quantitative Literacy	3
MAT-171	Precalculus Algebra	4
MUS-110	Music Appreciation	3
POL-120	American Government	3

Code	Title	Credits
PSY-118	Interpersonal Psychology	3
PSY-150	General Psychology	3
PSY-243	Child Psychology	3
REL-110	World Religions	3
REL-211	Intro to Old Testament	3
REL-212	Intro to New Testament	3
SOC-210	Introduction to Sociology	3
SOC-213	Sociology of the Family	3
SOC-220	Social Problems	3

Major Requirements

Take 21 credits from:

Code	Title	Credits
AUT-116	Engine Repair	3
AUT-141	Suspension & Steering Systems	3
AUT-151	Brake Systems	3
AUT-181	Engine Performance 1	3
TRN-111	Chassis Maint/Light Repair	4
TRN-120	Basic Transp Electricity	5

Other Requirements

Take 9 credits from:

Code	Title	Credits
ACA-115	Success & Study Skills	1
ACA-122	College Transfer Success	1
AUT-221	Automatic Transm/Transaxles	3

Code	Title	Credits
BPR-111	Print Reading	2
BUS-137	Principles of Management	3
CIS-110	Introduction to Computers	3
CIS-111	Basic PC Literacy	2
CIS-115	Intro to Prog & Logic	3
ELC-112	DC/AC Electricity	5
ELC-117	Motors and Controls	4
HYD-110	Hydraulics/Pneumatics I	3
ISC-112	Industrial Safety	2
MEC-110	Intro to CAD/CAM	2
MEC-111	Machine Processes I	3
TRN-110	Intro to Transport Tech	2
TRN-112	Powertrain Maint/Light Repair	4
TRN-140	Transp Climate Control	2
TRN-145	Adv Transp Electronics	3
TRN-170	PC Skills for Transp	2
WBL-111	Work-Based Learning I	1
WBL-112	Work-Based Learning I	2
WBL-113	Work-Based Learning I	3
WLD-110	Cutting Processes	2
WLD-112	Basic Welding Processes	2
WLD-115	SMAW (Stick) Plate	5
WLD-121	GMAW (MIG) FCAW/Plate	4
WLD-131	GTAW (TIG) Plate	4
WLD-141	Symbols & Specifications	3
WLD-151	Fabrication I	4

Plan of Study

Fall 1

Course Code	Title	Credits
ACA-115	Success & Study Skills	1
CIS-110	Introduction to Computers	3
ELECTIVE	Humanities/Fine Arts Elective	3
TRN-110	Intro to Transport Tech	2
TRN-111	Chassis Maint/Light Repair	4
TRN-112	Powertrain/Light Repair	4

Spring 1

Course Code	Title	Credits
AUT-116	Engine Repair	3
AUT-141	Suspension and Steering Systems	3
AUT-151	Brake Systems	3
AUT-181	Engine Performance I	3
TRN-120	Basic Transport Electricity	5

Summer 1

Course Code	Title	Credits
ENG-111	Writing and Inquiry	3
	Total Credits	**37**