

# Associate in Applied Science in Automotive Technology

PROFESSIONAL TECHNICAL  
2012-2013 Degree Requirements

## Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
AMT	120	Basic Electrical and Electronics	7		
AMT	121	Suspension, Steering Systems, & Lab	7		
AMT	123	Brake Systems I & Lab	7		
AMT	130	Engine Service & Lab	7		
AMT	133	Engine Repair & Rebuild & Lab	7		
AMT	135	Vehicle Maintenance & Lab	7		
AMT	140	Automotive Internship	7		
AMT	207	Material Science of Automotive Technology	3		
AMT	220	Advanced Electrical & Electronics & Lab	7		
AMT	223	Brakes Systems II & Lab	7		
AMT	230	Automatic Transmissions & Lab	7		
AMT	233	Manual Transmissions & Lab	7		
AMT	240	Drivability Diagnostics & Lab	7		
AMT	243	Heating, Ventilation & Air Conditioning Systems	7		
AMT	247	Automotive Capstone	1		

**Subtotal 95**

## Major Support

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
FYI	103	First Year Introduction for Trades	1		

**Subtotal 1**

## General Education

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
MATH	111	Automotive Math	5		
<b>English (select 5 credits)</b>					
ENGL&	101	English Composition I <i>or</i>	5		
ENGL	103	Writing in the Workplace (preferred)	5		
<b>Human Relations (select 3-5 credits)</b>					
PSYC&	100	General Psychology <i>or</i>	5		
PSYC	103	Applied Psychology <i>or</i>	3		
PSYC	201	Social Psychology <i>or</i>	5		
BUS	271	Human Relations Business	5		
<b>Communication Studies (select 3-5 credits)</b>					
CMST	101	Speech Essentials <i>or</i>	3		
CMST	103	Workplace Communication (preferred) <i>or</i>	3		
CMST	110	Communication Behavior <i>or</i>	3		
CMST&	210	Interpersonal Communication <i>or</i>	5		
CMST&	220	Public Speaking <i>or</i>	5		
CMST	260	Multicultural Communication	5		

**Subtotal 16-20**

**Total Credits Required 112-116**

Note: to enter the Automotive Technology program, students must complete AMT 110 or have earned advanced placement.