



Department of Business & Industry

Program & Technical Standards for Automotive Systems Technology Majors

Concerns with a Course

If you have any concerns about a course, including accessibility concerns, **first consult your instructor**. If after meeting with your instructor, if you feel that your concern has not been satisfactorily addressed, or if you feel that you cannot effectively communicate with your instructor about the issue, you may contact the following people in the following order:

Second Contact

Dean of Business and Industry: Douglas Long, (828) 565-4070, delong@haywood.edu
Department Assistant: Julie Newland (828) 627-4619

Third Contact

Vice President of Instruction: Wendy Hines, (828) 565-4069, whines@haywood.edu

Program Outcomes

The Automotive Systems Technology degree program is designed to facilitate development of the following program outcomes:

1. Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause and correction.
2. Demonstrate proper use of digital multi-meter during diagnosis of electrical circuit problems.
3. Locate shorts, grounds, opens, and resistance problems in electrical/electronic circuits; determine necessary action.
4. Using wiring diagrams during diagnosis of electrical circuit problems.
5. Perform a starter current draw test; perform necessary action. Perform starter draw test perform necessary action.
6. Diagnose Charging system for the cause of undercharge, no charge, and overcharge conditions.

EXAMPLES ARE NOT ALL INCLUSIVE.

Haywood Community College is an ADA compliant institution. The College does not discriminate on the basis of disability in the admissions process or in access to its programs, services and/or activities for qualified individuals who meet essential eligibility requirements. The College will provide reasonable accommodations for documented disabilities of individuals who are eligible to receive or participate in college programs, services and/or activities. Student Services provides a disability counselor to assist students in requesting disability related accommodations. If a student believes that he/she cannot meet one or more of the essential functions without accommodations, the student is encouraged to disclose the disability to the disability counselor as soon as possible. Students must certify the ability to *meet essential functions of the curriculum by a signed statement in the beginning of the program*.



Clinical and Lab Activity Information

Program of Study: Automotive Systems Technology

Department: Business & Industry

Job Requirements	Occasional	Frequent	Constant
Activity:			
(List # of lbs.) 50			
Lifting			
Static Knuckle Height	✓		
Bench Height	✓		
Ankle Height	✓		
Shoulder Height	✓		
Dynamic Bench Height (3 feet)			
To the Left	✓		
From the Center	✓		
To the Right	✓		
Carrying	✓		
Cart Height (3 feet)			
Pushing	✓		
Pulling	✓		
List Frequency Only:			
Sitting			✓
Standing/Walking			✓
Climbing			
Stairs	✓		
Ladder	✓		
Balance			
Stooping		✓	
Kneeling		✓	
Crouching		✓	
Crawling		✓	
Reaching			
Forward			✓
Overhead			✓
Bending Reach			✓
Other			✓
Handling			
Fingering		✓	
Feeling			✓
Hearing			✓
Seeing			
Near			✓
Distance	✓		
Reading			
Calculating	✓		
Compiling	✓		

Lifting Frequencies:

Occasional	1 lift every 30 minutes
Frequent	1 lift every 2 minutes
Constant	1 lift every 15 seconds

Other Activities:

Occasional	0-33% (1-20 min per hour)
Frequent	34-66% (21-40 min per hour)
Constant	67-100% (41-60 min per hour)

Other Notes: Students will be in contact with a hazardous materials daily such as but not limited to: oil, antifreeze, gear oil, transmission fluid, brake cleaner, carburetor cleaner, starting fluid, freon, gasoline, diesel, window cleaner, sulfuric acid, rtv/silicone, latex, parts cleaning solvent, pb blaster, and WD40.