

Articulation Application Form
 College of Technologies

Section I	
Student Name:	UNOH Student #:
High School/ Career Center:	
School Address:	
City/State/ZIP:	
Phone Number:	Date:
Contact Person:	

*The following courses have been reviewed by the undersigned and are recommended for proficiency credit to be recorded on the students' transcript showing the credit given for the course.			
UNOH Course No.	UNOH Course Title	High School/Career Center Course Title	Final Grade
AU126	Steering and Suspension (6 credit hour)		
AU127	Hydraulic Brake Systems (6 credit hour)		
HV101	Services and Procedures (6 credit hour)		
***** PLEASE ATTACH PROOF OF NATEF CERTIFICATION*****			

Section II	
<p>The above student has demonstrated mastery of the course content of the above course(s) by the following means:</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p>Name of Career Center: _____</p>	
Counselor's Signature: _____	Date: _____
Instructor Signature: _____	Date: _____

Please return this form to:
 University of Northwestern Ohio
 Attn: Registrar, College of Technologies
 1441 North Cable Road
 Lima, OH 45805

COURSES AND CREDITS FOR ADVANCED PLACEMENT

Courses & Credits	Requirements
AU126 Suspension and Steering (6 credits)	2 years of high school in NATEF or a certified automotive or diesel training program with a B average in the automotive/diesel courses
AU127 Hydraulic Brake Systems (6 credits)	2 years of high school in a NATEF or a certified automotive or diesel training program with a B average in the automotive/diesel courses
HV101 Service and Procedure-I (6 credits)	Graduate of a two-year HVAC/R program with a B average in HVAC/R courses

CATALOG DESCRIPTIONS OF COURSES LISTED

AU126 SUSPENSION AND STEERING

The fundamentals of the chassis, including basic and power steering systems, variable effort power steering systems, suspension systems both basic and computer controlled, geometric centerline alignment, thrust line alignment and total four-wheel alignment provide the focus of this course. Proper procedures in diagnosis of components along with basic frame and body measuring for correct locations are also covered. Lab work includes steering and suspension repair, tire balancing and alignment on computerized alignment equipment, and computerized wheel balancing, utilizing training aids and live vehicles.

AU127 HYDRAULIC BRAKE SYSTEMS

The fundamental principles of hydraulics pertaining to the automotive and medium duty truck brake systems is presented. Students will study the theory of operation and advanced study of component principles. Students will use standard skills to diagnose and repair hydraulic systems, drum and disc brake systems, power assist units and anti-lock brake systems. Lab work includes demonstration, on-car practice to provide a working knowledge of diagnosis and repair of the hydraulic systems, drum and disc brake systems, power assist units and associated systems. Included will be coverage of wheel bearings, parking brakes and related electrical circuits.

HV101 SERVICE AND PROCEDURES I

The fundamentals of refrigeration and heating and equipment operation are discussed, including recovery machines, trade math, electrical basics, customer relations, identification of basic components, soldering and brazing and use of all trade related tools. Safety awareness, customer relations and professionalism are stressed, along with employability skills. Sales principles are integrated because of the service technicians' roles in this area.