

Articulation Agreement

between

College of Technologies

and

Institution: **Brevard Public Schools**

Address: **2700 Judge Fran Jamieson Way**

Viera, FL 32940

Phone: **321-633-1000**

The University of Northwestern Ohio believes that many high schools and career centers have extensive course work in technical areas that give students a solid foundation for college study. Students who have these technical skills may be granted college credit for their proficiencies.

A partnership agreement between the University and the Brevard Public Schools is appropriate to recognize and reward those graduates who have acquired the skills for proficiency credit in specific introductory classes. The University will grant advanced placement to Automotive Services Technology program graduates who fulfill course requirements agreed to in this document.

The advantages to the graduate are many. Advance placement will cost nothing, and in most cases will reduce the total tuition, book fees, and housing costs for college programs and the time necessary for completion of the program.

Decision on advanced placement will be determined by the following University of Northwestern Ohio authorized personnel: Vice President for Academic Affairs and the College Registrar.

The total number of credits to be awarded to a student may vary and will be judged on an individual basis.

To take advantage of this agreement, the student should:

- Contact the Admission Office at the University of Northwestern Ohio for a formal application to the university.
- Pick up the Articulation Application from the College Registrar or your high school counselor. (You can call the University for the form to be mailed to you.)
- Take the form to the high school where the form should be completed and approved by the student's instructor and counselor.
- After the application is approved by the student's instructor and counselor, mail it to the Registrar's Office at University of Northwestern Ohio.
- After review of the materials by University personnel, the student will be notified if advanced credit has been awarded.

COURSES AND CREDITS FOR ADVANCED PLACEMENT

Courses & Credits	Requirements
AU126 Suspension and Steering (6 credits)	Complete the three year, five course sequence in an automotive services technology program, NATEF certified in suspension & steering with a B average in the automotive courses
AU127 Hydraulic Brake Systems (6 credits)	Complete the three year, five course sequence in an automotive services technology program, NATEF certified in hydraulic brakes with a B average in the automotive 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.

Proficiency Exams: Students in both the College of Business and College of Technologies may take proficiency exams in other areas. Students who hold ASE Certification will receive credit for the written portion of a test; only a “hands-on” test will need to be taken. Contact the Registrar for Business proficiency exams; the Dean of the College of Technologies for technical proficiency exams.

- * **Individual high schools in the Brevard Public Schools District need to provide a copy of their NATEF website certification with each student application.**
- * **All Articulation Agreements will be reevaluated every five years, to assure all students are getting, and have the necessary information to have credit granted to them.**
- * **All schools desiring to articulate classes with the University of Northwestern Ohio must be NATEF certified. If your institution's certification has temporarily lapsed due to NATEF's inability to evaluate in a timely fashion, please attach documentation that an evaluation will be conducted.**

We, the undersigned representatives of the cooperating University and Brevard Public Schools, agree that a student completing automotive services technology training in select career and technical education programs may be eligible for advanced placement credit. Guidelines for acceptance of that credit are covered in this document.

University of Northwestern Ohio

Brevard Public Schools

Vice President for Academic Affairs

Career and Technical Education Director

5/19/09
Date

5/11/09
Date

Return agreement to:

The University of Northwestern Ohio
David Henkle, Educational Relations Representative
1441 N. Cable Road
Lima, OH 45805

Brevard Public Schools

Articulation Date: May _____, 2009

2700 Judge Fran Jamieson Way

Viera, FL 32940

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NATEF Certified Schools in Brevard County

NATEF Certification Expiration

Eau Gallie High School

May 2009

Merritt Island High School

November 2009

Rockledge High School

February 2010

Satellite High School

April 2012

Titusville High School

October 2011