



**STATE COLLEGE AREA SCHOOL DISTRICT
CTC Program – State College Area High School**

**653 WESTERLY PARKWAY • STATE COLLEGE PENNSYLVANIA • 16801
TELEPHONE: 814-231-4153 • FAX: 814-272-7806**

To: Dr. Robert O'Donnell, Superintendent
From: Dr. Sharon Perry, Director of CTC Program
Re: Articulation Agreements – Routine Approvals
Date: June 4, 2015

Attached are four Articulation Agreements that have previously been presented. The Articulation Agreement from the University of Northwestern Ohio is for students in an automotive or diesel training program and is renewed every five years. There are also three Articulation Agreements from the State University of New York, Cobleskill and each is a multi-year agreement (2015 – 2020) for their Agricultural Engineering Program, Animal Science Program, and Horticulture Program.

Thank you.

UNOH UNIVERSITY OF NORTHWESTERN OHIO

Articulation Agreement between **College of Applied Technologies** and

Institution: State College Area High School

Address: 653 Westerly Parkway

State College, PA 16802

Phone: 814-231-1111

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 high schools and career centers 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 high school graduates who fulfill course requirements agreed to in this document.

The advantages to advanced placement:

- There will be no expense to the student
- It will reduce the total tuition expense, book fees, and housing costs for your college program
- It will reduce the time necessary for completion of the program.

The decision on advanced placement will be determined by the following University of Northwestern Ohio authorized personnel: Provost / 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 decided on an individual basis. Awarded credit will be reflected on the students' transcript after completion of the first term.

*University of Northwestern Ohio, 1441 N. Cable Rd., Lima, OH 45805
Office Phone: 419-998-3160 Fax: 419-998-3159*

To take advantage of this agreement, the student should:

- Contact the Admission Office at the University of Northwestern Ohio for a formal admissions application to the university (419)998-3120.
- Pick up the Articulation Application from the University Registrar or your high school counselor. You can also call the University to have the application form mailed or e-mailed to you at (419) 998-3120.
- The form should be taken to the high school where it should be completed and approved by the student's instructor and administrator. The student will also be required to sign the form stating the he or she has had the necessary training and has met the attached learning outcomes.
- After it is approved by the student's instructor and counselor, and signed by the student, the school's chief administrator should sign the form and mail it to the Registrar's Office at the University of Northwestern Ohio, along with documentation of NATEF accreditation found on the web at natef.org.

After the materials are reviewed by University personnel, the student will be notified if advanced credit has been awarded. Awarded credit will be reflected on the students' transcript after completion of the first term.

COURSES AND CREDITS FOR ADVANCED PLACEMENT

AU126 Suspension and Steering (6 credits)

- Student must have 2 years of high school in an automotive or diesel training program, with a grade of "B" or higher each year, and the school must have NATEF, AST or higher accreditation.
- Schools with NATEF, MLR level of accreditation or schools that are not NATEF accredited, will have the opportunity to articulate with UNOH if the attached list of learning outcomes for AU 126, Steering and Suspension are met.

AU127 Hydraulic Brake Systems (6 credits)

- Student must have 2 years of high school in an automotive or diesel training program, with a grade of "B" or higher each year, and the school must have NATEF, AST or higher accreditation.
- Schools with NATEF, MLR level of accreditation or schools that are not NATEF accredited, will have the opportunity to articulate with UNOH if the attached lists of learning outcomes for AU 127, Hydraulic Brake Systems are met.

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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 covered. Also covered is the diagnosis of vehicle vibrations and tire pressure monitor systems. 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 are 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, related electrical circuits and use of on-car brake lathes.

NATEF, AST or higher accredited programs must attach a copy of their accreditation to process this agreement. NATEF Maintenance & Light Repair and non-NATEF programs see the next page.

- * 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, AST or higher accredited, or meet the learning outcomes @ for each class that articulation is desired. If your institution's accreditation has temporarily lapsed due to NATEF's inability to evaluate in a timely fashion, please attach documentation that an evaluation will be conducted.**
- * If an educational deficiency pattern is detected with a specific high school or career center, said school will have the opportunity to work with UNOH to remedy the concern.**

@ www.unoh.edu/files/admissions/articulation/cot-articulation-agreement.pdf

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NATEF Maintenance & Light Repair and non-NATEF programs, initial the learning outcomes your program meets:

gms AU126 Suspension & Steering

gms AU127 Hydraulic Brake Systems

We, the undersigned representatives of the cooperating university and high school/career centers, agree that a student completing career and technical education training in select automotive or diesel technology may be eligible for advanced placement credit. Guidelines for acceptance of the credit are covered in this document.

University of Northwestern Ohio
Institution


Vice President for Academic
Affairs Provost

2.6.15
Date

Date

State College Area High School
Institution


Superintendent/Director

1.29.2015
Date

Amber Concepcion, Board President

Return agreement to:

The University of Northwestern Ohio
Attention: Admissions
David Henkle, Educational Relations Representative
1441 N. Cable Rd.
Lima, OH 45805



ARTICULATION AGREEMENT

between

STATE UNIVERSITY OF NEW YORK
COLLEGE OF AGRICULTURE AND TECHNOLOGY AT COBLESKILL

and

STATE COLLEGE AREA HIGH SCHOOL

FEBRUARY 2015

The State University of New York College of Agriculture and Technology at Cobleskill and State College Area High School jointly endorse this articulation agreement impacting the State College Area High School graduates successfully completing the Agricultural Engineering Program. It is the intent of this agreement to recognize the breadth and depth of this program as a foundation for students who matriculate at SUNY Cobleskill as a major within the School of Agriculture and Natural Resources. A candidate¹ from State College Area High School who:

1. Receives a Pennsylvania State high school diploma
2. Follows the State College Area High School curriculum, achieving an 85 average or higher in each course included in the above curriculum and meets all other SUNY Cobleskill admission requirements for their major
3. Has a written recommendation from the State College Area High School instructor

will be offered by SUNY College of Agriculture and Technology at Cobleskill, Department of Agriculture Engineering Technology:

1. Guaranteed admission into an Agricultural Engineering Technology major
2. Will receive advanced standing credits with 3 semester hours for SUNY Cobleskill's course AGEN 101 Introduction to Agriculture Engineering
3. Will receive advanced standing credits with 3 semester hours for SUNY Cobleskill's course AGBU 100 Beginning Agricultural Business
4. Will receive advanced standing credits with 2 semester hours for SUNY Cobleskill's course AGEN 151 Basic Welding
5. Will receive advanced standing credits with 2 semester hours for SUNY Cobleskill's course AGEN 166 Agricultural Mechanics

The student must complete and file a SUNY Cobleskill Admissions Application according to instructions. The letter of recommendation from the Agricultural Mechanization Instructor must accompany the application stating the student attends this institution, which has an articulation agreement with SUNY Cobleskill.

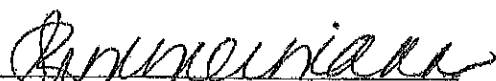
The effective date of this agreement is February 1, 2015 and will be reviewed for renewal, five years after signing, by the participating parties.

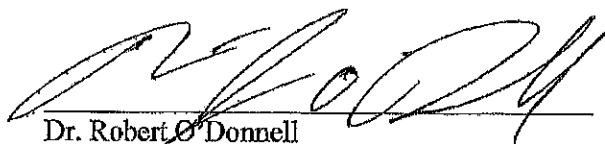
¹ Persons not meeting these criteria have the option of applying to SUNY Cobleskill under regular admission procedure.


Date February 23, 2015

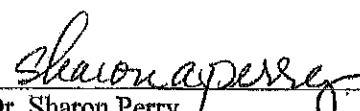
SUNY COLLEGE OF AGRICULTURE
AND TECHNOLOGY AT COBLESKILL

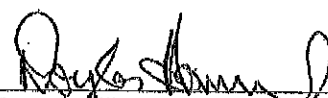
STATE COLLEGE AREA HIGH SCHOOL



Dr. Susan Zimmerman, Provost and
Vice President for Academic Affairs

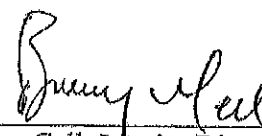

Dr. Robert O'Donnell
Superintendent

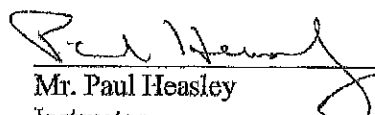

Mr. Timothy Moore, Dean
School of Agriculture and Natural Resources


Dr. Sharon Perry
CTC Director


Mr. Douglas Hammond, Chairman
Agriculture Engineering Technology Department


Ms. Jayna Anderson
Counselor


Mr. Barry Gell, Interim Director
Carl D. Perkins Grant


Mr. Paul Heasley
Instructor

Date _____

Amber Concepcion, Board President

ARTICULATION AGREEMENT

between

STATE UNIVERSITY OF NEW YORK
COLLEGE OF AGRICULTURE AND TECHNOLOGY AT COBLESKILL

and

STATE COLLEGE AREA HIGH SCHOOL

JANUARY 2015

The State University of New York College of Agriculture and Technology at Cobleskill and State College Area High School jointly endorse this articulation agreement impacting the State College Area High School graduates successfully completing the Animal Science Program. It is the intent of this agreement to recognize the breadth and depth of this program as a foundation for students who matriculate at SUNY Cobleskill as a major within the School of Agriculture and Natural Resources. A candidate¹ from State College Area High School who:

1. Receives a Pennsylvania State high school diploma
2. Follows the State College Area High School curriculum, achieving an 85 average or higher in each course included in the above curriculum and meets all other SUNY Cobleskill admission requirements for their major
3. Has a written recommendation from the State College Area High School Animal Science instructor

will be offered by SUNY College of Agriculture and Technology at Cobleskill, Animal & Plant Science Department:

1. Guaranteed admission into an Animal or Plant Science or Agricultural Business major
2. Will receive advanced standing credit with 3 semester hours for SUNY Cobleskill's course ANSC 111 Introduction to Animal Science after the student passes the challenge exam given during the first week of classes at SUNY Cobleskill
3. Will receive advanced standing credit with 3 semester hours for SUNY Cobleskill's course ANSC 140 Small Animal Management after the student passes the challenge exam given during the first week of classes at SUNY Cobleskill

The student must complete and file a SUNY Cobleskill Admissions Application according to instructions. The letter of recommendation from the Animal Science Instructor must accompany the application stating the student attends this institution, which has an articulation agreement with SUNY Cobleskill.


The effective date of this agreement is January 1, 2015 and will be reviewed for renewal, five years after signing, by the participating parties.

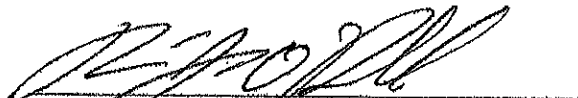
¹ Persons not meeting these criteria have the option of applying to SUNY Cobleskill under regular admission procedure.


Date January 16, 2015

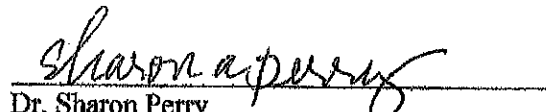
SUNY COLLEGE OF AGRICULTURE
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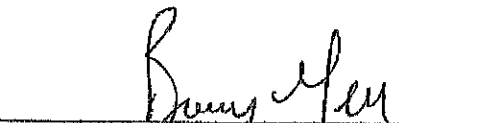

Dr. Robert O'Donnell
Superintendent

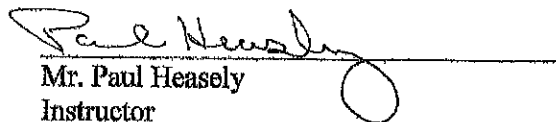

Mr. Timothy Moore, Dean
School of Agriculture and Natural Resources


Dr. Sharon Perry
CTC Director


Dr. E. Lynn Dunn, Chairwoman
Animal and Plant Science Department


Ms. Tanya Anderson
Counselor


Mr. Barry Gell, Interim Director
Carl D. Perkins Grant


Mr. Paul Heasely
Instructor

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Amber Concepcion, Board President

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STATE COLLEGE AREA HIGH SCHOOL

JANUARY 2015

The State University of New York College of Agriculture and Technology at Cobleskill and the State College Area High School jointly endorse this articulation agreement impacting the State College Area High School graduates successfully completing the Horticulture Program. It is the intent of this agreement to recognize the breadth and depth of this program as a foundation for students who matriculate at SUNY Cobleskill as a major within the School of Agriculture & Natural Resources. A candidate¹ from the State College Area High School who:

1. Receives a Pennsylvania State high school diploma
2. Follows the State College Area High School curriculum and achieves an 85 average or higher in the above curriculum and meets all other SUNY Cobleskill admission requirements for their major
3. Receives a written recommendation from the State College Area High School Horticulture instructor

will be offered by SUNY College of Agriculture and Technology at Cobleskill, Animal & Plant Science Department:

1. Guaranteed admission into an Animal or Plant Science Department major
2. Will receive 3 semester hours of advanced standing credits for SUNY Cobleskill's course ORHT 105 Introduction to Horticulture

The student must complete and file a SUNY Cobleskill Admissions Application according to instructions. The letter of recommendation from the Horticulture/Landscaping instructor must accompany the application stating the student attends this institution, which has an articulation agreement with SUNY Cobleskill.

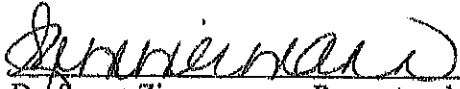
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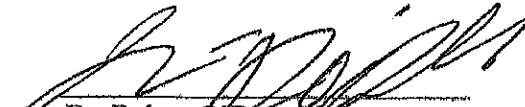
¹ Persons not meeting this criteria have the option of applying to SUNY Cobleskill under regular admission procedure.

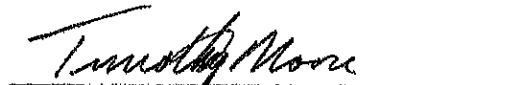
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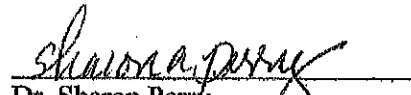
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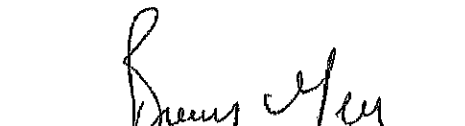

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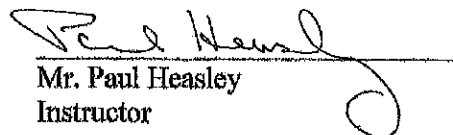

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