

Career and Technical School Articulation Agreement

Welding Engineering Technology

This Agreement is entered into by and between Fayette Career and Technical Institute (hereinafter referred to as the “CTC”) and Westmoreland County Community College (hereinafter referred to as the “College”). This agreement sets out the terms and conditions of the articulation agreement offered by these two institutions in accordance with Article XVI of the Public School Code (hereinafter “Program”).

Per the Pennsylvania Department of Education, articulation for advanced credit transfer is made possible when Perkins-allocated postsecondary institutions and Pennsylvania secondary schools offering SOAR programs agree to the terms and conditions stated in the Perkins Statewide Articulation Agreement. This agreement outlines the conditions beyond the credits articulated through SOAR and the Perkins Statewide Agreement between secondary and postsecondary institutions and student qualification measures allowing for the student to acquire postsecondary education credits leading to an industry-recognized credential or certificate at the postsecondary level or an associate’s degree.

The College and the School District do hereby agree to the following:

1. Term

- a. The term of this agreement shall be from: (January 21, 2021 to January 21, 2024)

2. Student Eligibility

- a. Students who meet all of the following criteria are qualified to participate in the articulation program
 - i. The student must have a minimum GPA of a 2.0 overall, and 2.5 out of 4.0 in their technical courses.
 - ii. The student is making satisfactory progress toward fulfilling applicable secondary school graduation requirements, as determined by the School District. The School District will determine satisfactory progress based on the students current grades.
 - iii. The student demonstrates readiness for entry into college-level coursework and meets all course prerequisites as outlined in the current College catalog. This may require the student to complete placement testing.
 - iv. Students must complete High School, or high school equivalency and submit all necessary transcripts for evaluation.

- b. In order to earn credit, a grade of “C” or better, and/or meet competencies.

3. Courses Articulated

- a. The following criteria apply to all courses covered by this Agreement:
 - i. The courses are college-level credit.
 - ii. The courses are in a core academic subject as defined by the College catalog.
 - iii. The courses, as articulated, are equivalent to those offered at the College; including the use of an equivalent curriculum, assessments and instructional materials.
 - iv. The courses, as articulated, enforce prerequisites equivalent to those offered at the College.
 - v. The CTC will provide course-level learning outcome assessment data as requested.

All courses shall be offered in accordance with the terms of this Agreement and Article XVI of the Public School Code and the courses and their College equivalencies listed in Appendix I.

4. Student Credit

- a. In order to earn the college credit listed in this Agreement, students must earn a minimum grade of 2.0 or “C”.
- b. Students are responsible for submitting all transcripts and documentation.

5. Additional Administrative Responsibilities

- a. The CTC and the College agree to notify each other if there has been a change to the curriculum to ensure that the articulated courses are still equivalent.
- b. The College and the school district agree to share information in compliance with the Federal Education Right to Privacy Act (FERPA) which states, “If the student is under 18, the parent/s still retain the rights under FERPA at the high school and may inspect and review any records sent by the postsecondary institution to the high school. Additionally, the postsecondary institution may disclose personally identifiable information from the student’s education records to the parents, without the consent of the eligible student, if the student is a dependent for tax purposes

under the IRS rules.” (<https://studentprivacy.ed.gov/faq/if-student-under-18-enrolled-both-high-school-and-local-college-do-parents-have-right-inspect>)

Signature Page

The College and CTC will agree not to discriminate in their educational programs, activities or employment practices based on race, color, national origin, sex, sexual orientation, disability, age, religion, ancestry, union membership or any other legally protected classification.

Announcement of this policy is in accordance with state law, including the Pennsylvania Human Relations Act, and with federal law, including Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 503 and 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990.

Inquiries should be directed to the Affirmative Action Officer (presently Sylvia Detar) at 724-925-4190 or in Room 4100D, Westmoreland Business & Industry Center, Youngwood, PA 15697.

For the CTC:



Director 1-28-21
Date

For the College:



Kristy A. Bishop, Ph.D. 1/27/2021
Date
Vice-President of Academic Affairs

Appendix I
Articulated Courses

Guide for Local Articulation
Curriculum Guide for the articulation of welding college coursework and credit between
WCCC and FCTI

WCCC

WEL 228 – SMAW (4 cr.)

FCTI

CIP 48.0508

Students following this guide are able to receive credit for courses taken at FCTI and Westmoreland County Community College towards an Associate in Applied Science in Welding Engineering Technology Degree program. WCCC and FCTI may have additional requirements regarding the completion of degree requirements.

Welding Engineering Technology, AAS

School of Technology

The Welding Engineering Technology AAS provides students with an in-depth background of the welding industry. By combining classroom theory and practical experience, students will develop the skills needed for entry-level jobs in the field of welding. Welding courses include practice for welding certifications offered in house by our AWS Accredited Testing Facility. Those planning careers in welding need manual dexterity, good hand-eye coordination and good eyesight. They should have the ability to concentrate on detailed work for long periods and be physically able to bend, stoop and work in awkward positions, as well as possess good problem-solving aptitude, shop math skills and exhibit a strong work ethic. Successful completion of this program of study leads to the associate of applied science degree.

Career Opportunities

Graduates of the welding engineering technology program have obtained jobs with the following titles: welder, welding supervisor, nuclear service technician, QA/QC inspector, QA supervisor, technical sales representative and entrepreneur.

Program Learning Outcomes

Upon successfully completing this program, students will be able to:

- Successfully weld SMAW, GMAW and GTAW in all positions, on various materials, with or without joint preparation.
- Read, interpret and create blueprints.
- Demonstrate ability to make sound decisions in design and manufacturing of welded fabrications/assemblies based on the following: joint design, welding equipment, metallurgy, material application.
- Communicate technical information effectively, demonstrate accurate record keeping and utilize technical reference materials.
- Identify defects by use of DT/NDT methods.
- Maintain and troubleshoot welding, industrial and plant equipment.

Sugg. Term	Seq #	Course ID	Course Title	Cr.	Term Offered	Prereq(s)	Options Available
1st Fall	1	PDV 101	First Year Seminar	1	F, Sp, Su		
	2	WEL 125	Welding I	4	F, Sp, Su		
	3	DFT 110	Blueprint Reading	2	F		
	4	WEL 209	Industrial Maintenance	3	F		
	5	WEL 220	Welding Codes	3	F		
	6	DFT 258	AutoCAD	4	F, Sp		
1st Spring	7	MET 105	Welding Metallurgy I	3	Sp		
	8	WEL 221	Metal Fabrication	4	F, Sp, Su	WEL 125 & DFT 110	
	9	WEL 228	SMAW	4	Sp	WEL 125	
	10	WEL 226	GMAW	4	Sp	WEL 125	
2nd Fall	11	MET 205	Welding Metallurgy II	3	F	MET 105	
	12	WEL 227	GTAW	4	F, Sp	WEL 125	
	13	WEL 222	Fundamentals of Aluminum	4	F, Sp, Su	WEL 125	
	14	MTH 108	Mathematics for Technologies I	4	F, Sp, Su	MTH 052, 052A or Placement	
	15	ENG 161	College Writing	3	F, Sp, Su	ENG 085 or Placement	
2nd Spring	16	WEL 224	NDT and DT	3	Sp	MET 105	
	17	WEL 225	Advanced Fabrication	3	Sp	WEL 221	
	18	WEL 230	Pipe Welding	3	Sp	WEL 227	
	19	ENG 162	Technical Communication	3	F, Sp, Su	ENG 161	ENG 163 or 164
	20	Elective	Social Science Elective	3	F, Sp, Su		Page 49 Column III

Total Program Credits

65