

# **Articulation Agreement**

Associate of Applied Science Degree in Technical Studies in Welding at  
**Dabney S. Lancaster Community College (DSLCC), Clifton Forge, Virginia**  
and  
Bachelor of Science Degree in Welding and Fabrication Engineering Technology at  
**Pennsylvania College of Technology (PCT), Williamsport, Pennsylvania**

## **I. PURPOSE**

The agreement between Dabney S. Lancaster Community College and Pennsylvania College of Technology establishes a mechanism for graduates of Dabney S. Lancaster Community College to complete the requirements for the Bachelor of Science in Welding and Fabrication Engineering Technology (BWE) degree at the Pennsylvania College of Technology.

## **II. GOALS**

1. To provide a well-defined mechanism for graduates of the DSLCC Welding program to apply academic credits to acquire a baccalaureate degree in Welding and Fabrication Engineering Technology at PCT.
2. To recruit Associate Degree completion students in Welding, whose goals include acquisition of a baccalaureate degree in Welding and Fabrication Engineering Technology.

## **III. ARTICULATED ASSOCIATE DEGREE**

Pennsylvania College of Technology will accept selected academic credits from the AAS Welding degree, into the Bachelor of Science in Welding and Fabrication Engineering Technology (BWE) program. The selected academic credits are identified in Attachment A, "Individual Course Transfer Agreement".

## **IV. SPECIAL CONSIDERATIONS**

1. Courses taken at Dabney S. Lancaster Community College beyond the associate degree will be evaluated on an individual basis.
2. Secondary-level welding education articulation credits earned by students at career and technical education centers that are approved by Dabney S. Lancaster Community College will be accepted by PCT.

## **V. ADMISSIONS PROCEDURE**

1. Completed application with official transcripts of all college work.
2. Submit evidence of graduation from the Dabney S. Lancaster Community College Welding degree program.
3. Provide official transcript indicating that all courses considered for transfer to PCT have been completed with a grade of "C" or better.

**VI. ATTACHMENTS**

Attachment A: Individual Course Transfer Agreement between the BWE Curriculum Sequence and the AAS Welding Curriculum.

**VII. SPECIAL REQUESTS**

Dabney S. Lancaster Community College agrees to supply addresses (or address labels) for graduates of the Welding program to aid in recruitment of students to Pennsylvania College of Technology.

Dabney S. Lancaster Community College will assist PCT in promoting the opportunity to enter the BWE degree program at College Fairs and Career Day activities held for students in and around the DSLCC service area.

Both DSLCC and PCT may refer to (and/or link to) each other's web sites and may mention each other's institutions/programs of study in marketing materials (print and other media.)

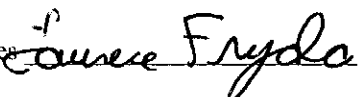
The attached Articulation Agreement between the Associate of Applied Science Degree in Technical Studies in Welding at Dabney S. Lancaster Community College and the Bachelor of Science Degree in Welding and Fabrication Engineering Technology at Pennsylvania College of Technology has been reviewed and approved. A representative from each institution will inform the other party of any curriculum changes which will then be reviewed and used to amend/update the Agreement as needed.

This Articulation Agreement is renewable on a five (5) year cycle.

**DABNEY S. LANCASTER COMMUNITY COLLEGE**

President  Date 6 / 4 / 07

**PENNSYLVANIA COLLEGE OF TECHNOLOGY**

Dean, Industrial & Engineering Technologies  Date 06 / 12 / 2007

Vice President for Academic Affairs/Provost  Date 07 / 12 / 07

*Individual Course Transfer Agreement*

PENNSYLVANIA COLLEGE OF TECHNOLOGY

DARNEY S. LANCASTER COMMUNITY COLLEGE

First Semester	Credits		
WEL 113 OXY-FUEL	2	WEL 117 Oxy Fuel Welding & Cutting	
WEL 114 SMAW I	2	WEL 123 SMAW Basic	
WEL 115 OXY-FUEL II (LAB)	2	WEL 117 Oxy Fuel Welding & Cutting	
WEL 116 SMAW II (LAB)	2	WEL 123 SMAW Basic	
EDT 107 Blueprint Reading	2	DRF 166 Welding Blueprint Reading	
SAF 110 Safety	2	SAF 126 Principles of Industrial Safety	
ENL 111 English Composition I	3	ENG 111 College Composition I	
MTH 180 Algebra/Trig I	3	MTH 163 Pre-Calculus I	
	<b>18</b>		
<b>Second Semester</b>			
WEL 120 GMAW I	2	WEL 130 Inert Gas Welding I	Could also use WEL 160 GMAW
WEL 123 GTAW I	2	WEL 135 Inert Gas Welding II	
WEL 124 GMAW II (LAB)	2	WEL 130 Inert Gas Welding I	Could also use WEL 160 GMAW
WEL 129 GTAW II (LAB)	2	WEL 135 Inert Gas Welding II	
CSC110 Information Technology	3	ITE 115 Basic Computer Literacy	
ENL 201 Technical/Professional Comm.	3	ENG 115 Technical Writing	
MTH 182 Algebra/Trig II	3	MTH 164 Pre-Calculus II	
FIT Elective	1	Several available to transfer	
	<b>18</b>		
<b>Third Semester</b>			
WEL 210 FCAW/SAW I	2	None	
WEL 213 GTAW III	2	None	
WEL 214 FCAW/SAW II (LAB)	2	None	
WEL 219 GTAW IV (LAB)	2	None	
WEL 240 Basic CNC Programming	3	None	
QAL 237 NDT I	3	WEL 145 Welding Metallurgy, WEL 146 Welding Quality Control	
MSC 106 Introduction to Metallurgy	4	None	
	<b>18</b>		
<b>Fourth Semester</b>			
WEL 230 SMAW III	2	WEL 124 SMAW Advanced, WEL126, Pipe Welding I	
WEL 233 SMAW/PIPE IV	2	None	
WEL 234 SMAW V (LAB)	2	WEL 124 SMAW Advanced, WEL127 Pipe Welding II	
WEL 239 SMAW/PIPE VI (LAB)	2	None	
WEL 247 Weld Design	3	None	
WEL 248 Robotics	3	None	
QAL 247 NDT II	3	None	
	<b>17</b>		

Fifth Semester		Credits	
QAL 101 Intro. to Quality Assurance	3	BUS 209, Cont Quality Improve or IND 230 Applied Quality Control	
SPC 101 Fundamentals of Speech	3	SPD 110 Intro to Speech Communications	
ECO 111 Principles of Macroeconomics	3	ECO 201 Principles of Economics I None	
CET 233 Statics	3		
PHS 115 College Physics I	4	PHY201 General College Physics I	
FIT Elective	1	Several available to transfer	
	17		
<b>Sixth Semester</b>			
WEL 300 Welding/Cutting Processes	3	None	
MET 315 Engineering Economics	3	None	
MET 321 Engineering Ethics & Legal Issues	3	None	
CET 243 Strength of Materials	3	None	
MTH 160 Statistics w/ Computer Applications	4	None	
	16		
<b>Seventh Semester</b>			
WEL 400 Fabrication of Alloys	3	None	
MET 311 Computer Solutions	3	None	
MET 318 Manufacturing Process & Organization	3	None	
MET 495 Senior Seminar (Lecture)	1	None	
HUM Elective	3	Several available to transfer	
Open Elective	3	Several available to transfer	
	16		
<b>Eighth Semester</b>			
WEL 420 Welding Codes & Procedures	3	None	
MET 496 Senior Seminar (Lab)	3	None	
HUM/SOC.SCI./FOR.LANG./ART Elective	3	Several available to transfer	
CUL DIV Elective	3	HIS 111 History of World Civ I or HIS112 History of World Civ II	
ART Elective	3	Several available to transfer	
Open Elective	3	Several available to transfer	
	18		

Welding courses in red are courses that students will be required to take.  
 Courses in blue are those for which there are no reasonable substitutions.