Name_____ ID #_____

2018-2019 WELDING TECHNOLOGY – ADVANCED-LEVEL WELDING (WLT5)
One-year Certificate
Education Plan

- *Grades of "C" or better are required in all "Core Curriculum" courses.*
- *To be admitted into this major, a student must have completed all the Welding Technology – Entry-Level Certificate Core Curriculum courses with a grade of "C" or better.*

Placement Classes

English (COM)	Mathematics (MAT)	Reading (COM)
095 097 101 110 TRANSFER	051 071 115 TRANSFER	050 070 N/A

CORE CURRICULUM

Grade	Semester	Course #	Course Name	Cr Hr
		WLT 125	Thermal Cutting Processes II	1
		WLT 135	Shielded Metal Arc Welding II	2
		WLT 145	Gas Metal Arc Welding II	2
		WLT 155	Flux Cored Arc Welding II	2
		WLT 165	Gas Tungsten Arc Welding II	2
		WLT 230	Shielded Metal Arc Welding III	4
		WLT 242	Gas Metal Arc Welding III	3
		WLT 252	Flux Cored Arc Welding III	3
		WLT 260	Gas Tungsten Arc Welding III	4
		WLT 265	Computer Numerical Control (CNC) Plasma Cutting I	2
		WLT 270	Computer Numerical Control (CNC) Plasma Cutting II	3
		WLT 280	Robotic Welding I	2
		WLT 285	Robotic Welding II	3
			SUB-TOTAL	**33**

GENERAL EDUCATION REQUIREMENTS

		COM 101	English Composition	3
		CPP 101	Introduction to Microcomputer Usage	3
			SUB-TOTAL	**6**

GRADUATION REQUIREMENTS

		COM 125	Job Search Strategies	1
			SUB-TOTAL	**1**
			PROGRAM TOTAL	**40**

Pre-requisite Classes - if applicable

		COM 050	Reading Fundamentals			COM 070	College Reading Preparation
		COM 095	Basic Writing			COM 097	Intermediate Writing

I understand this education plan is the list of courses (not including pre-requisite courses) I must pass in order to earn the degree/certificate I'm pursuing. It is my responsibility, with the assistance of my advisor, to ensure I have enrolled in and appropriately passed all courses required for graduation. Any degree exceptions will be agreed upon by my Department Chair, the Dean or Associate Dean of Instruction, and me and submitted to the Registrar on the Degree Exception form. I am responsible for knowing the graduation requirements for my program as they are listed in the catalog.

Student Signature / Date:_____ **Advisor Signature / Date:**_____

The signed original of this form should be submitted to the Academic Records Office upon initial enrollment, and copies should be kept by the student and advisor.

Sample Course of Study for the
Welding Technology – Advanced-Level Welding
One-year Certificate

To be admitted into this major,
a student must have completed all the
Welding Technology – Entry-Level Certificate
Core Curriculum courses with a grade of "C" or better.

Summer Semester		9 hours
WLT 125	Thermal Cutting Processes II	1
WLT 135	Shielded Metal Arc Welding II	2
WLT 145	Gas Metal Arc Welding II	2
WLT 155	Flux Cored Arc Welding II	2
WLT 165	Gas Tungsten Arc Welding II	2

Fall Semester		17 hours
COM 101	English Composition	3
COM 125	Job Search Strategies	1
CPP 101	Intro to Microcomputer Usage	3
WLT 230	Shielded Metal Arc Welding III	4
WLT 242	Gas Metal Arc Welding III	3
WLT 252	Flux Cored Arc Welding III	3

Spring Semester		14 hours
WLT 260	Gas Tungsten Arc Welding III	4
WLT 265	Computer Numerical Control (CNC) Plasma Cutting I (1^{st} 8 wks)	2
WLT 270	Computer Numerical Control (CNC) Plasma Cutting II (2^{nd} 8 wks)	3
WLT 280	Robotic Welding (1^{st} 8 wks)	2
WLT 285	Robotic Welding II (2^{nd} 8 wks)	3

Please read the course descriptions in our catalog on the State Tech website to check for additional pre-requisites for these classes.

You should apply for graduation during your Fall semester of classes.