

# Career Technical Education (CTE) Information: Part A

## Pathway: Manufacturing

<https://www.starkstate.edu/academics/engineering/>

### CTE Academic Credit at Stark State College in this Pathway:

Credit Type	High School EMIS & Course Name	SSC Course/Credits	Accessing Credit
Bilaterals	175004: Robotics	AIT139 (2)	<p>Only for students who completed the full CTE Program in High School.</p> <p>Student submits <a href="#">CTE Form*</a></p>
	176000: Gas Metal Arc Welding	MST127 (6)	
	176001: Shielded Metal Arc Welding		
	176002: Flux Cored Arc Welding *Must have all 3 classes*		
	176003: Gas Tungsten Arc Welding	MST138 (4)	
	176004: Machine Tools	AIT122 (4)	
	176008: Manufacturing Capstone	MET225 (3)	
	176009: Welding Technologies	MST127 (6)	
	176010: Principles of Manufacturing	MET225 (3)	
SSC CTAGs	010225: Hydraulics and Pneumatics	MST134 (4)	<p>SSC receives CTAV data from ODHE and looks for enrolled students. Once academic credit has been added to the SSC transcript, an email receipt is sent to the student's SSC email address.</p>
	175003: Manufacturing Operations	MET225 (3)	
	175006: Computer Integrated Manu	DET125 (3) or DET230 (3)	
	176007: CNC Technology with Industrial Mills and Lathes	IET223 (4)	
	176040: Vacuum Systems	EET136 (3)	
	178019: Plan Reading and Estimating	CET237 (3)	
Non-SSC CTAG	175007: Digital Electronics 176030: Intro to Semiconductors 176035: Principles of Adv Manufact.	No credit available	<p>This is a CTAG.</p> <p>However, SSC does *not* have the equivalent course(s).</p> <p>No credit available.</p>
ITAG	ITWLD002 – Basic and Advanced Gas Tungsten Arc Welding (GTAW) <b>Credential:</b> AWS D1.1 1" Plate 3G and 4G SMAW Certifications or Qualifications	MST136 (4)	<p>*Students must hold <b>both</b> AWS D1.1 1" Plate 3G <b>and</b> 4G SMAW certifications/qualifications to be eligible for credit.</p> <p>Student uploads current credential <a href="#">here</a></p>
	ITWLD002 – Basic and Advanced Gas Tungsten Arc Welding (GTAW) <b>Credential:</b> AWS D1.1 Steel Structural Welding Code 3F GTAW, AWS D1.2 Aluminum Structural Welding Code 3F GTAW, and AWS D1.6 Stainless Steel Structural Welding Code 3F GTAW Certifications or Qualifications	MST138 (4) MST139 (3)	<p>*Students must hold all three AWS D1.1, D1.2, and D1.6 GTAW 3F certifications/qualifications to qualify for credit.</p> <p>Student uploads current credential <a href="#">here</a></p>
	ITWLD003 – Basic and Advanced Gas Metal Arc Welding (GMAW) <b>Credential:</b> AWS D1.1 1" Plate 3G and 4G GMAW Certifications or Qualifications	MST227 (3)	<p>* Students must hold both AWS D1.1 1" Plate 3G and 4G GMAW certifications/qualifications to qualify for credit.</p> <p>Student uploads current credential <a href="#">here</a></p>
Credentials	Must have both credentials: -MT ICO CR53 NIMS CNC Lathe Programming, Setup, & Operations 3 &	IET223 (4)	Student uploads current credential <a href="#">here</a>

\*[CTE Form](#): Student logs in to CTE Form with username & password that they created while submitting SSC Admissions Application. If students need assistance with their log-in, they can email [helpdesk@starkstate.edu](mailto:helpdesk@starkstate.edu) with their Stark State College ID number.

### CTE Scholarships at Stark State College in this Pathway:

Scholarship Option	Potential Award	More Info	Next Steps
CTE Scholarship	\$500	Student passes any <a href="#">HS CTE Course</a> and graduates high school with a final GPA of 2.5 or better. If student meets renewal eligibility, they can receive \$500 each semester up to \$2,000.	Student submits <a href="#">CTE Form*</a>
Choose Ohio First Scholarship	Full cost of tuition and books	These majors have been approved: (4300) Industrial Technology (4308) CNC Technical One-Year Certificate (4309) Welding Technology One-Year Certificate (4351) Industrial Technology - Industrial Maintenance (4352) Industrial Maintenance (4353) Industrial Technology - Advanced Manufacturing	Info <a href="#">here</a>
Full list of scholarships	Amounts vary by scholarship	Degree-Related Scholarships Scholarships for Women Scholarships for Veterans Scholarships for Parents Scholarships for Students with Disability Unemployed Students Scholarships <b>&amp; MANY MORE</b>	Info <a href="#">here</a>

\*[CTE Form](#): Student logs in to CTE Form with username & password that they created while submitting SSC Admissions Application. If students need assistance with their log-in, they can email [helpdesk@starkstate.edu](mailto:helpdesk@starkstate.edu) with their Stark State College ID number.

## Career Technical Education (CTE) Information: Part B

### **\*NEW CTE Scholarship announced Spring 2024!**

\$500 per term up to \$2,000!

Any high school student who passes at least one [high school CTE course](#) and has a final high school GPA of 2.5 or better will be eligible for a CTE scholarship at Stark State College (SSC). CTE Scholarships can be renewed at Stark State College as long as student maintains full-time status and a cumulative GPA of 2.5 or better. Can be used with other scholarships as well. See SSC's *Scholarships webpage for details*: [starkstate.edu/admissions/scholarships/](http://starkstate.edu/admissions/scholarships/).

Student submits the [CTE Form](#).\*

### **Bilateral Credit:**

The following steps must be completed within one year of student's high school graduation:

- \*Student completes entire Ohio CTE Program of Study.
- \*Student earns a B or better in the course(s) for which they are requesting credit.
- \*A completed SSC Admission application is required (free): <https://admissions.starkstate.edu/register>.
- \*SSC receives student's final transcripts, with graduation date posted.
- \*Student submits the [CTE Form](#).\*
- \*Academic credit "CR" will be posted once approved. Student will receive confirmation via their SSC email.

### **CTAG Credit:**

Student follows the CTAG process from ODEW/ODHE and has three years from high school graduation to have credit added to post-secondary transcript.

### **ITAG Credit:**

Student follows the ITAG process from ODEW/ODHE; then submits the [CTE Form](#).\*

**Questions?:**

Contact Lisa Miller, Dual Enrollment Specialist, by phone at 330-494-6170 x4142 or email at [lmiller2@starkstate.edu](mailto:lmiller2@starkstate.edu).

**Terms and Conditions:**

These forms are subject to change at any time.

\*[CTE Form](#): Student logs in to CTE Form with username & password that they created while submitting SSC Admissions Application. If students need assistance with their log-in, they can email [helpdesk@starkstate.edu](mailto:helpdesk@starkstate.edu) with their Stark State College ID number.

