

Career Technical Education (CTE) Information: Part A

Pathway: Engineering

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

CTE Credit at Stark State College in this Pathway:

12 Bilateral credits max

Credit Type	High School EMIS & Course Name	SSC Course/Credits	Accessing Credit
Bilaterals	175004: Robotics	AIT139 (2)	Student submits CTE Form*
	175008: Mechanisms and Drives	AIT101 (2)	
	175012: Analog Based Electronic Dev	EET123 (4)	
	175100: AC Electronic Circuits	EET122 (4)	
	176004: Machine Tools	AIT122 (4)	
	176009: Welding Technologies	MST127 (6)	
	176010: Principles of Manufacturing	MET225 (3)	
	176025: Industrial Robotics (FANUC)	AIT220 (4)	
	178021: Architecture Design - Site &	CET122 (3)	
SSC CTAGs	010225: Hydraulics and Pneumatics	MST134 (4)	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.
	145030 Software & 145040 Network	NET131 (3)	
	145040 Network & 145030 Software	NET131 (3)	
	175001: Engineering Design	DET121 (3)	
	175003: Manufacturing Operations	MET225 (3)	
	175006: Computer Integrated Manu	DET125 (3) and/or DET230 (3)	
	175105: DC Electronic Circuits	EET120 (4)	
	176007: Computer Numerical Control	IET223 (4)	
	176040: Vacuum Systems	EET136 (3)	
	178019: Plan Reading and Estimating	CET237 (3)	
Non-SSC CTAGs	145025: Computer Hardware 175007: Digital Electronics 177013: Aviation 177024: Unmanned Aircraft Systems	No credit	These are CTAGs. However, SSC does <i>*not*</i> have the equivalent course(s). No credit available.
ITAGs	Autodesk Certified Associate in CAD for Mechanical Design	DET125 (3) and/or DET230 (3)	Student submits CTE Form*
	Autodesk Certified Professional in Inventor for Mechanical Design	DET125 (3) and/or DET230 (3)	
	Certified SOLIDWORKS Associate in Mechanical Design	DET125 (3) and/or DET230 (3)	
	Certified SOLIDWORKS Professional in Mechanical Design	DET125 (3) and/or DET230 (3)	
	Siemens SCE Certificate in Automation and Certificate in Advanced Automation	EET227 (3)	
	Rockwell Automation Studio 5000 Logix Programmer Certificate	EET227 (3)	
	Mitsubishi Electric PLC & HMI	EET227 (3)	
	Festo Level 1	MST134 (4)	Student submits CTE Form* Students must hold one of the listed Hydraulics credentials and one of the listed Pneumatics credentials to be eligible for credit.
	NIMS Industrial Technology Maintenance Standard	MST134 (4)	
	IFPS Mobile	MST134 (4)	
	IFPS Industrial	MST134 (4)	

*[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 studentservices@starkstate.edu with their Stark State College ID number.

CTE Scholarships at Stark State College in this Pathway:

Scholarship Option	If Eligible...	More Info	Next Steps
CTE Scholarship	\$500	Student passes any HS CTE Course 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 CTE Form*
Choose Ohio First Scholarship	Full cost of tuition and books	These majors have been approved: (4050) Mechanical Engineering Technology (4054) Pre-Mechanical Engineering Technology (4100) Electrical/Electronic Engineering Technology (4101) Electrical/Electronic Engineering Technology Electro-Mechan (4102) Pre-Electrical Electronic Engineering (4200) Civil Engineering (4201) Civil Engineering – Architectural (4204) Civil Engineering – Construction Management (4205) Pre-Engineering – Civil Engineering (4404) Electrical Maintenance Technology (4551) Electrical Power Utility Technology – Line Worker Technology (4552) Electrical Power Utility Technology – Substation Worker Tech (4555) Automation & Robotics Technology One-Year Certificate	Info here
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 & MANY MORE	Info here
<p>*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 studentservices@starkstate.edu with their Stark State College ID number.</p>			

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/.

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.

*12 Bilateral credits max may be awarded.

*Academic credit "CR" will be posted once student completes a SSC course (CCP counts!) with a grade of D or better.

Student submits the [CTE Form](#).

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.

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 studentservices@starkstate.edu with their Stark State College ID number.