Career Technical Education (CTE) Information: Part A

Pathway: Engineering

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)	Only for students who completed the full CTE Program in High School. 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.
	175001: Engineering Design	DET121 (3)	
	175003: Manufacturing Operations	MET225 (3)	
	175006: Computer Integrated Manufact	DET125 (3) 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	010715: Energy Systems Management 145025: Computer Hardware 145030: Computer Software 175007: Digital Electronics 176030: Intro to Semiconductors 176035: Principles of Advanced Manufact. 177013: Aviation 177024: Uncrewed Aircraft Systems	No credit available	These are CTAGs. However, SSC does *not* have the equivalent course(s). No credit available.
ITAGs	ITEET022: Programmable Logic Controllers Must hold one or more of the following credentials for credit: **Credentials:** -Siemens SCE Certificate in Automation and Certificate in Advanced Automation & -Rockwell Automation Studio 5000 Logix Programmer Certificate & -Mitsubishi Electric PLC & HMI	EET227 (3)	Student submits CTE Form* Copy of credential required.
	ITMET005: Computer Aided Drafting/Design Must hold one or more of the following credentials for credit: **Credential:** Autodesk Certified Associate in CAD for Mechanical Design **Credential:** Autodesk Certified Professional in Inventor for Mechanical Design **Credential:** Certified SOLIDWORKS Associate in Mechanical Design **Credential:** Certified SOLIDWORKS Professional in Mechanical Design	DET125 (3) or DET230 (3)	Student submits CTE Form* Copy of credential required.

	ITAIE002: Hydraulics and Pneumatics Students must hold one of the listed Hydraulics credentials and one of the listed Pneumatics credentials to be eligible for credit. **Credentials:** -Festo Level 1 -NIMS Industrial Technology Maintenance Standard -IFPS Mobile -IFPS Industrial	MST134 (4)	Student submits CTE Form* and lists credential(s) in Credentials/ITAGs section.

*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 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 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

*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 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/.*
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.

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 with their Stark State College ID number.