

# 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
Bilateral Credit	175004: Robotics	AIT139 (2)	Only for students who completed full CTE program. After student is admitted to SSC, they submit <a href="#">CTE Form*</a> Please read full details below in Part B.
	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)	
	176025: Industrial Robotics (FANUC)	AIT220 (4)	
	178021: Architecture Design - Site &	CET122 (3)	
CTAG Credit	010225: Hydraulics and Pneumatics	MST134 (4)	SSC receives CTAV data from ODHE. Please read full details below in Part B.
	175001: Engineering Design	DET121 (3)	
	175003: Manufacturing Operations	MET225 (3)	
	175006: Computer Integrated Manufact	DET125 (3)	
	175105: DC Electronic Circuits	EET120 (4)	
	176007: Computer Numerical Control	IET223 (4)	
	176030: Intro to Semiconductors	EET135 (4)	
	176035: Principles of Advanced Manufact.	EET137 (3)	
	176040: Vacuum Systems	EET136 (3)	
	178019: Plan Reading and Estimating	CET237 (3)	
ITAG Credit	010715: Energy Systems Management 145025: Computer Hardware 145030: Computer Software 175007: Digital Electronics 177013: Aviation 177024: Uncrewed Aircraft Systems	No credit available	These are CTAGs. However, SSC does not offer the equivalent course(s). No credit available.
	ITEET022: Programmable Logic Controllers Must hold one or more of the following credentials for credit: <b>Credentials:</b> -Siemens SCE Certificate in Automation <u>and</u> Certificate in Advanced Automation & -Rockwell Automation Studio 5000 Logix Programmer Certificate & -Mitsubishi Electric PLC & HMI	EET227 (3)	After student is admitted to SSC, they upload current credential(s) to <a href="#">CTE Form*</a> .
	ITMET005: Computer Aided Drafting/Design Must hold one or more of the following credentials for credit: <b>Credential:</b> Autodesk Certified Associate in CAD for Mechanical Design <b>Credential:</b> Autodesk Certified Professional in Inventor for Mechanical Design <b>Credential:</b> Certified SOLIDWORKS Associate in Mechanical Design <b>Credential:</b> Certified SOLIDWORKS Professional in Mechanical Design	DET125 (3)	

	ITAIE002: Hydraulics and Pneumatics Students must hold one of the listed Hydraulics credentials <u>and</u> one of the listed Pneumatics credentials to be eligible for credit. <b>Credentials:</b> -Festo Level 1 -NIMS Industrial Technology Maintenance Standard -IFPS Mobile -IFPS Industrial	MST134 (4)	
Professional Credential Credit	Autodesk Certified User: AutoCAD	DET125 (3)	After student is admitted to SSC, they upload their current credential via the <a href="#">CTE Form*</a> .
* <a href="#">CTE Form</a> : 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 <a href="mailto:helpdesk@starkstate.edu">helpdesk@starkstate.edu</a> with their Stark State College ID number.			

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

Scholarship Option	Potential Award	More Info	Action Required
CTE Scholarship	\$500 <i>as long as funds are available</i>	\$500 for new full-time SSC students who passed any <a href="#">HS CTE Course</a> and graduated high school with a final GPA of 2.5 or better. Transfer students are not eligible for this scholarship. Then, if student meets renewal eligibility, they can receive \$500 each semester up to \$2,000.	After student is admitted at SSC, they submit <a href="#">CTE Form*</a>
Choose Ohio First Scholarship	Full cost of tuition and books <i>as long as funds are available</i>	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 <a href="#">here</a>
Full list of scholarships	Amounts vary by scholarship <i>as long as funds are available</i>	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!**

\$500 for new full-time SSC students who passed any HS CTE Course and graduated high school with a final GPA of 2.5 or better. Transfer students are not eligible for this scholarship. Then, if student meets renewal eligibility, they can receive \$500 each semester up to \$2,000, as long as funds are available.

See SSC's Scholarships webpage for details: [starkstate.edu/admissions/scholarships/](https://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. SSC receives CTAV data from ODHE and looks for enrolled students with high school transcripts on file. Once academic credit has been added to the SSC transcript, an email receipt is sent to the student's SSC email address. Students are encouraged to follow-up if credits have not been posted within one week of the start of the semester by emailing [techprep@starkstate.edu](mailto:techprep@starkstate.edu).

### **ITAG Credit:**

Student follows the ITAG process from ODEW/ODHE, is admitted to SSC, then submits a copy of the credential via 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.