






Program Objectives
Our NEW accelerated program prepares current workers and other individuals for maintenance technician jobs in manufacturing, chemical and food processing, and machinery and equipment repair operations. The program is aligned with industry standards and employer demand. The stackable certificates of *SkillsTrac* are self-paced and flexible, utilizing online curriculum and hands-on labs.

Program Prerequisites
SkillsTrac Orientation

Program Overview

Level	Online Hours	Lab Hours
BLUE Level Automation Systems	38.0	96.0
RED Level Industrial Controls & PLCs	38.0	56.0
YELLOW Level Industrial Electricity Industrial Fluid Power	36.0 30.0	38.0 20.0
GREEN Level Maintenance Fundamentals Industrial Mechanics	70.0 28.0	14.0 38.0

About the Program

- Complete stackable certificates and earn credit toward an associate degree
- Accelerate through self-paced online content
- Schedule labs flexibly to accommodate work and life
- Earn industry recognized *National Career Readiness Certificate* (NCRC)
- Move forward in one of the region's highest demand career fields

For more information:

ACCELERATE MFG
Advanced Manufacturing Education

Visit: workforce.sinclair.edu/accelerate
Email: accelerate@sinclair.edu or
Telephone: 937.512.3765

Industry Partners






This workforce solution was funded by a grant awarded by the USDO's Employment & Training Administration. The solution was created by the grantee and does not necessarily reflect the endorsement or the USDO. The solution is provided as a service to the community and is not intended to be used for any other purpose. The solution is provided as a service to the community and is not intended to be used for any other purpose. The solution is provided as a service to the community and is not intended to be used for any other purpose.






Program Objectives
Our NEW accelerated program prepares individuals for employment as entry-level machine technicians and leads to more advanced machining careers. This competency-based short-term certificate in *Basic Machining* skills is designed for individuals with mechanical aptitude, who want to be employed quickly. The courses are also the first step to completing more advanced certificates and degrees in *Computer Aided Manufacturing*.

Courses

Courses	Credit Hours
CAM 1116 Fundamentals of CNC	3.0
CAM 1141 Shop Floor Calculations I	3.0
CAM 1109 Fundamentals of Tooling and Machining	3.0
MET 1131 Personal Computer Applications	1.0
OPT 1100 Tooling & Machining Metrology	2.0

About the Program

- Stackable certificates can lead to advanced credentials and more pay
- Accelerate through flex-paced online content
- Schedule on-campus labs flexibly to accommodate work and life
- Earn the industry recognized *National Career Readiness Certificate* (NCRC)
- Move forward in one of the region's highest demand career fields

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The two 1-page overviews above were created to provide a detailed overview of our programs. These overviews were printed on 8.5 x 11 paper and distributed to academic advisors, faculty, industry partners and other who were considered part of our outreach network.



The two 1-page overviews above were created to provide a detailed overview of the career pathways for our two programs. These overviews were printed on 8.5 x 11 paper and distributed to academic advisors, faculty, industry partners and other who were considered part of our outreach network.



This postcard was printed front and back and distributed to program prospects and our outreach network. It was also used at events, tradeshow, etc.

SINCLAIR COLLEGE

Accelerate Your Way to an Exciting Career in Advanced Manufacturing!

ACCELERATE MFG
Advanced Manufacturing Education

- **Precision Machining**
- **Industrial Maintenance**
 - Fast and flexible
 - Online content
 - Hands-on labs

Now you don't have to stop life to pursue a career.
Earn an industry certificate, national credential, and college credit leading to a degree, all at the same time.

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Jobs in Industrial Maintenance and Precision Machining are projected to be two of the most in-demand manufacturing occupations over the next 10 years.
– US Bureau of Labor Statistics

workforce.sinclair.edu

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The graphic above was printed on large and small banners and placed around campus to build awareness of the program. The banner was also used at recruitment events, tradeshow and meetings.




Complete courses in CNC & Precision Machining through FlexPace!

- New classes begin every other Monday
- Learn online & spend less time on campus
- Schedule flexible lab times
- Complete courses faster
- Learn on your schedule

CAM 1107
CAM 1109
CAM 1116
CAM 1141
CAM 1142
CAM 1214
MAT 1110
MET 1131
OPT 1100

To register: Call 937-512-3765
www.sinclair.edu/flexpace






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The graphic above was printed, cut, and bound into small tear-off booklets and distributed to academic advisors, faculty and industry partners to provide them an easy way to refer students to the program.

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