

Manufacturing Technology

*Gear up
for a
great
future.*

PSC tech programs

Check out our other Industrial Technology programs:

- Automotive Technology
- CAD/Mechanical Design Technology
- Computer Electronics Technology
- Heating, Ventilation and Air Conditioning/Refrigeration (HVAC/R)
- Hydraulics
- Industrial Electrician
- Industrial Maintenance Technician
- Machinist
- Millwright
- Tool & Die Making
- Welding

For more information

Contact Associate Professor Robert Shoemaker, Coordinator of Manufacturing Technology, at (708) 709-3667, or e-mail rshoemaker@prairiestate.edu

Information 709-3500
Admissions 709-3516
Advising Center 709-3506

Opportunities for men and women

The U.S. Bureau of Labor expects excellent job opportunities for manufacturing technology workers as employers continue to struggle to find personnel with the skills and knowledge needed to fill available positions. And those workers with a thorough knowledge of machine operations and experience working with a variety of materials will thrive best in today's market. Moreover, with a good background in mathematics and communications, combined with a proven ability to learn new skills, PSC graduates are highly desirable to businesses running advanced workshops.

MEDIAN ANNUAL INCOME

Machinist	\$41,000
Machine operators	\$34,000
CNC programmer	\$44,000
CNC operators	\$30,000

What does PSC offer you?

• LOW TUITION

PSC is affordable. Our costs are less than half the average of public (state) universities in Illinois. They're also about one-tenth the average cost of private colleges and universities in Illinois.

• TRANSFER DEGREES

Start at PSC with an Associate in Arts or Associate in Science in one of a variety of academic disciplines, then transfer to a four-year institution as a junior. You've saved a lot in tuition and made a smooth transition to college life.

• TWO-YEAR CAREER DEGREES AND CERTIFICATES

We also offer the Associate in Applied Science degree and certificates in nearly everything from auto tech to computer science to the health professions. In a shorter time than you imagine, you can boost your earnings and your career potential.

• STUDENT SERVICES AND ACTIVITIES

PSC has what you need: academic advising, student clubs and activities, intercollegiate and intramural athletics, tutoring, community service projects, music ensembles, and more.

• TOP-NOTCH TEACHING

Our faculty members are dedicated to teaching freshmen and sophomores. They focus on helping you learn and achieve your goals in small classes where you can get individual attention and get to know your fellow students.

Prairie State College

A comprehensive community college
202 South Halsted Street
Chicago Heights, IL 60411-8226
(708) 709-3500
prairiestate.edu





Preparation

Today's industries rely on trained and skilled machinists, machine operators and manufacturers to produce precision components for everything from household appliances to aircraft parts. With training that includes computer numerical controlled (CNC) operation and programming, as well as robotics, computer-aided manufacturing (CAM) and computer-aided design (CAD) systems, PSC prepares you for a sound career in manufacturing technology.

Faculty

PSC professors have advanced professional experience that comes from many years of working in the field. They are masters in their subject matter and bring considerable practical experience to the classroom.

Start near.
Go far.

Classes

Our fully equipped classrooms and labs provide a hands-on environment for the practical, high-tech training employers look for in potential employees. Also, classes are conveniently scheduled with evening courses available.

The program: A.A.S. degree

The Manufacturing Technology degree program provides training for a wide range of manufacturing-related occupations, including machine operator, machinist, CNC operator, CNC programmer and robotics programmer. Technicians are taught to operate, program, design and install manufacturing, assembly and materials handling equipment.

I. Program Requirements

• Metal Working Processes I	3
• Metal Working Processes II	3
• Metal Working Processes III	3
• CNC Programming I	3
• CNC Programming II	3
• Introduction to Robotics	3
• CAD/CAM Systems	3
• Manufacturing Systems	4
• Technical Drafting I	3
• Introduction to Auto-CAD	3
• Technical Mathematics II	4
• Technical Physics II	4

II. General Education Requirements 20

III. Electives 2

Total Credit Hours 61

Career certification

Prairie State College also offers two Certificate options for those seeking to gain the skills necessary for employment in manufacturing technology. Receive a short-term certificate in:

• Manufacturing Technology	31 credit hours
• CNC Programmer/Operator	32 credit hours

Working together: Prairie State College & Bradley University

With an associate's degree from PSC's Manufacturing Technology Program, you can make a seamless transfer into Bradley's Manufacturing Engineering Technology Program. Transfer your A.A.S. degree from PSC to Bradley and continue your education in the Manufacturing Systems Concentration. In another two years you can complete Bradley's B.S. in Manufacturing Engineering Technology and be on your way to a career in manufacturing.

To make for a smooth transfer to Bradley from Prairie State College, Bradley has created a convenient transfer plan. PSC students following this plan are assured their courses will transfer. Students are strongly advised to complete the A.A.S. degree prior to transfer. However, PSC students may apply to Bradley who have (1) completed at least 30 credit hours of course work transfer through the Transfer Assurance Plan and (2) have a cumulative grade point average of 2.75 or better.

For more information about this partnership, contact PSC Associate Professor Robert Shoemaker at (708) 709-3667, or e-mail rshoemaker@prairiestate.edu. Or contact Bruce Whelchel, Bradley Academic Advisor, IMET Department, at (309) 677-2940.