

NAME: \_\_\_\_\_

I.D.# \_\_\_\_\_

**2011-12**  
**CNC PROGRAMMER/OPERATOR**  
**Certificate**

This program is designed to prepare people to be CNC Programmers/Operators. The curriculum emphasizes programming and operation of both milling and turning CNC equipment. Additionally, the student will receive instruction in these important related areas: machine tool operation and applications, mathematics and drafting/CAD.

**PROGRAM REQUIREMENTS (32 credits)**

- \_\_\_\_\_ CADMD 243    3 cr    Introduction to AutoCAD (*Prereq. CADMD 141*)
- \_\_\_\_\_ MT 101        3 cr    Metal Working Processes I
- \_\_\_\_\_ MT 102        3 cr    Metal Working Processes II (*Prereq. MT 101*)
- \_\_\_\_\_ MT 210        3 cr    CNC Programming I (*Prereq. MT 102*)
- \_\_\_\_\_ MT 211        3 cr    CNC Programming II (*Prereq. MT 210*)
- \_\_\_\_\_ MT 214        3 cr    CAD/CAM Systems (*Prereq. MT 210; CADMD 243 recommended*)
- \_\_\_\_\_ TECH 109    4 cr    Technical Mathematics I (*Prereq. H.S. Algebra with C or better*)
- \_\_\_\_\_ TECH 110    4 cr    Technical Mathematics II (*Prereq. TECH 109*)
- \_\_\_\_\_ ELECTIVES    6 cr    Electives - Select 6 credits from the courses listed below:
  - \_\_\_\_\_ CADMD 244 (3)    Intermediate AutoCAD (*Prereq. CADMD 243*)
  - \_\_\_\_\_ CADMD 245 (3)    Computer Aided Design (*Prereq. CADMD 244*)
  - \_\_\_\_\_ MT 212 (3)        Introduction to Robotics
  - \_\_\_\_\_ MT 215 (3)        Automated Manufacturing Systems (*Prereq. MT 210 & 212*)

\_\_\_\_\_ Attained a minimum grade point average of 2.0 in the courses identified in this certificate program.

**Current cumulative GPA:** \_\_\_\_\_

\_\_\_\_\_ Completed a minimum of one-half of the credit hours required as a student at PSC.

\_\_\_\_\_ Filed a **Graduation Petition Form** with the Office of Enrollment Services.

**Deadline for filing:** October 1 for Winter, March 1 for Spring, July 1 for Summer. (*December, May & August candidates may choose to participate in the annual May Commencement Ceremony. Deadline to apply for ceremony is March 1<sup>st</sup>.*)

<b>Credits</b>	<b>Credits</b>	<b>Credits</b>	<b>Credits</b>
Required: 32	Completed: _____	In Progress: _____	Needed: _____

Advised By: \_\_\_\_\_ Date: \_\_\_\_\_  
*SIGNATURE: Counselor or Advisor or Faculty Advisor*

**This is an UNOFFICIAL evaluation. Official Evaluations must be requested in the Office of Enrollment Services**

**IMPORTANT PSC GRADUATION POLICIES**

1. If the degree or certificate requirements are changed during your continuous attendance, you may elect to satisfy either the new requirements or the ones in force when you enrolled.
2. If you withdraw from Prairie State College for either a fall or spring semester, you must satisfy requirements in force at the time you re-enroll.
3. **Requests for COURSE SUBSTITUTIONS** in the program must be directed to the Program Coordinator. A Course Substitution Form must be signed by the Program Coordinator and submitted to the Office of Enrollment Services at least one semester prior to graduation.
4. Petitions for alteration of other graduation requirements must be submitted on a Student Appeal Form at least one semester prior to graduation.

**DIVISION OF CAREER & TECHNICAL EDUCATION**

<b>Program Coord:</b>	Dale Ballard	Room 2213	(708) 3769	<a href="mailto:dballard@prairiestate.edu">dballard@prairiestate.edu</a>
	CADMD Lab	Room 3110		
<b>Dept. Chair:</b>	Tom Michalak	Room T-145	(708) 709-7807	<a href="mailto:tmichalak@prairiestate.edu">tmichalak@prairiestate.edu</a>
<b>Division Dean:</b>	Marie Hansel	Room 2241	(708) 709-3648	<a href="mailto:mhansel@prairiestate.edu">mhansel@prairiestate.edu</a>

**CAREER PLANNING/PLACEMENT INFORMATION:**

*Occupational Outlook Handbook*, U.S. Department of Labor: <http://www.bls.gov/oco/home.htm>

Employment opportunities: [www.collegecentral.com/prairiestate](http://www.collegecentral.com/prairiestate)