

NAME: _____

I.D.# _____

2009-10
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*)
- _____ 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.

_____ Enrolled at PSC during the regular semester **immediately preceding** the awarding of the certificate.

_____ Filed a **Graduation Petition Form** with the Office of Admissions and Records.

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 1st.*)

Credits Required: 32	Credits Completed: _____	Credits In Progress: _____	Credits Needed: _____
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Advised By: _____ **Date:** _____

SIGNATURE: Counselor or Advisor or Faculty Advisor

This is an UNOFFICIAL evaluation. Official Evaluations must be requested in the Office of Admissions

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 Admissions and Records 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

Program Coord:	Dale Ballard CADMD Lab	Room 2213 Room 3110	(708) 3769	dballard@prairiestate.edu
Dept. Chair:	John Lim Lab	Room T-145 Room T-195	(708) 709-3783 (708) 709-3736	jlim@prairiestate.edu
Division Dean:		Room 2122	(708) 709-3689	

CAREER PLANNING/PLACEMENT INFORMATION:

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

Community College Connection to Jobs in Northern Illinois: www.ccjobnet.com