

NAME: _____

I.D.# _____

2011-12
MANUFACTURING TECHNOLOGY
Certificate

This certificate program is designed for individuals who do not seek the associate degree, yet still wish the technical skills and knowledge necessary for successful employment in the field of manufacturing. The curriculum provides instruction for such occupations as machine operator, machinist, and CNC operator.

PROGRAM REQUIREMENTS (31 credits)

_____ CADMD 141	3 cr	Technical Drafting I
_____ 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 212	3 cr	Introduction to Robotics
_____ TECH 109	4 cr	Technical Mathematics (Prereq. High School Algebra with C or better)
_____ ELECTIVES	12 cr	Electives - Select 12 credits from the courses listed below:
_____ CADMD 243 (3)		Introduction to AutoCAD (Prereq. CADMD 141)
_____ CADMD 244 (3)		Intermediate AutoCAD (Prereq. CADMD 243)
_____ CET 103 (2)		Alternating Current (Prereq. CET 101)
_____ ELECT 103 (2)		Alternating Current I [was APPIE 103]
_____ HYDR 101 (2)		Fundamentals of Hydraulics [was APPH 101]
_____ MT 211 (3)		CNC Programming II (Prereq. MT 210)
_____ MT 214 (3)		CAD/CAM Systems (Prereq. MT 210; MD 243 recommended)
_____ MT 215 (4)		Manufacturing Systems (Prereq. MT 210 & 212)
_____ MT 220 (3)		Metallurgy - Ferrous [was MT 206]
_____ WELD 101 (2)		Principles of Flat Welding [was APPW 101]

_____ 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 1st).

Credits	Credits	Credits	Credits
Required: 31	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

Program Coord:	Dale Ballard	Room 2188	(708)709-3769	dballard@prairiestate.edu
	MT Lab	Room T-110		
Dept. Chair:	Tom Michalak	Room T-145	(708) 709-7807	tmichalak@prairiestate.edu
Division Dean:	Marie Hansel	Room 2241	(708) 709-3648	mhansel@prairiestate.edu

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