

NAME: _____

I.D.# _____

2009-10
TOOL AND DIE MAKING
Associate in Applied Science Degree

The Tool and Die Making curriculum meets the standards of the United States Bureau of Apprenticeship which requires a minimum of 144 contact hours of related classroom instruction per year for an apprenticeship. The program is coordinated with area firms.

GENERAL EDUCATION CORE (19-20 credits)

Area A: Communication (6 credits)

_____ ENG 101 3 cr Composition I - grade of C or better (*Prereq. English Placement Test or ENG 099 with C or better*)
_____ COMM 101 3 cr Principles of Communication (*Prereq. Placement in ENG 099 or above*)

Area B: Humanities and Fine Arts (3 credits)

_____ _____ 3 cr Select one course from: ART 121, 122, 126, 129, 131; ENG 211, 212, 215, 221, 231, 232, 240, 243, 252, 256, 261, 262, 271; HUMAN 101, 102, 201, 202; MUSIC 130, 132; PHILO 201, 202, 203, 204, 205; SPAN; THRE 101.

Area C: Mathematics (4 credits)

_____ AMATH 100 2 cr Basic Mathematics for the Skilled Trades
_____ AMATH 101 2 cr Algebra for the Skilled Trades (*Prereq. AMATH 100*)

Area D: Physical and Life Sciences (3-4 credits)

_____ _____ 3-4 cr Select one course from: ASTRO 101 (was 150), 104 (was 200); BIOL 100, 103, 105, 106, 112; CHEM 105, 110; GEOG 105; GEOLO 101 (was 210); METEO 150; PHYSC 111, 112; PHYSI 101 (was 110), 120, 210.

Area E: Social and Behavioral Science (3 credits)

_____ _____ 3 cr Select one course from: ANTHR 215, 222; ECON 201, 202; GEOG 101; HIST 111, 112, 115, 116, 140, 151, 152, 201, 202; POLSC 101, 140, 152, 230, 240; PSYCH 101, 102, 215; SOCIO 101, 111, 210, 215, 220.

PROGRAM REQUIREMENTS (41 credits)

_____ AMATH 103 2 cr Geometry for the Skilled Trades (*Prereq. AMATH 101*)
_____ AMATH 106 2 cr Applied Trigonometry for the Skilled Trades (*Prereq. AMATH 103*)
_____ AMATH 107 2 cr Trigonometry and Shop Applications for the Skilled Trades (*Prereq. AMATH 106*)
_____ AMATH 108 2 cr Compound Angles for the Skilled Trades (*Prereq. AMATH 107*)
_____ AMATH 110 2 cr Gearing & Cams for the Skilled Trades (*Prereq. AMATH 106*)
_____ CADMD 141 3 cr Technical Drafting I
_____ CADMD 243 3 cr Introduction to AutoCAD (*Prereq. CADMD 141*)
_____ DRAFT 105 2 cr Design Applications for Mechanical Trades (*Prereq. AMATH 101*) [was APPD 105]
_____ HYDR 101 2 cr Fundamentals of Hydraulics [was APPH 101]
_____ HYDR 106 2 cr Pneumatics (*Prereq. AMATH 101*) [was APPH 106]
_____ MILL 101 2 cr Industrial Maintenance Techniques I [was APPMW 101]
_____ MT 101 3 cr Metal Working Processes I
_____ MT 102 3 cr Metal Working Processes II (*Prereq. MT 101*)
_____ MT 105 3 cr Metal Working Processes III (*Prereq. MT 102*)
_____ MT 220 2 cr Metallurgy - Ferrous [was MT 206]
_____ TOOL 101 2 cr Tool and Die Processes [was APPTD 101]
_____ TOOL 102 2 cr Tool and Die Maintenance [was APPTD 102]
_____ WELD 101 2 cr Principles of Flat Welding [was APPW 101]

PROGRAM TOTAL (60-61 credits)

_____ Enrolled at PSC for **two semesters immediately preceding** graduation.
_____ Successfully completed at least 15 semester hours of credit at PSC (excluding proficiency credits).
_____ Attained a minimum gpa of 2.0 in all PSC courses. **Current cumulative GPA:** _____
_____ Filed appropriate evidence of high school graduation or GED certificate with the Office of Admissions.
_____ Satisfied U.S. & State of Illinois Constitution requirements by submitting a high school transcript proving test was successfully completed in high school, or by taking POLSC 140 or 152, or a proficiency exam.

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).*

	Required	Completed	In Progress	Needed
General Education Core:	19-20	_____	_____	_____
Program Core Requirements:	41	_____	_____	_____
TOTAL CREDITS:	60-61	_____	_____	_____

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	Room 2188	(708)709-3769	dballard@prairiestate.edu
Dept. Chair:	John Lim	Room T-145	(708) 709-3783	jlim@prairiestate.edu
	Lab	Room T-195	(708) 709-3736	
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

Tooling and Manufacturing Association: www.tmanet.org

National Tooling and Machining Association: www.ntma.org