

NAME: _____

I.D.# _____

2008-09
WELDER TECHNICIAN
Certificate

The curriculum prepares students to perform various welding jobs for maintenance manufacturing machines. The training also prepares students to custom build devices by working from machine drawings and specifications.

PROGRAM REQUIREMENTS (34 credits)

- _____ AMATH 100 2 cr Basic Mathematics for the Skilled Trades
 - _____ AMATH 101 2 cr Algebra for the Skilled Trades (*Prereq. AMATH 100*)
 - _____ 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*)
 - _____ DRAFT 101 2 cr Drafting Essentials [**was APPD 101**]
 - _____ DRAFT 102 2 cr Drafting Conventions & Symbols (*Prereq. DRAFT 101*) [**was APPD 102**]
 - _____ DRAFT 103 2 cr Three Dimensional Shapes (*Prereq. DRAFT 102*) [**was APPD 103**]
 - _____ MT 220 2 cr Metallurgy - Ferrous (*Prereq. MT 102 and TECH 221*) [**was MT 206**]
 - _____ WELD 101 2 cr Principles of Flat Welding [**was APPW 101**]
 - _____ WELD 102 2 cr Horizontal Welding and Brazing (*Prereq. WELD 101*) [**was APPW 102**]
 - _____ WELD 103 2 cr Metal Inert and Vertical Welding (*Prereq. WELD 102*) [**was APPW 103**]
 - _____ WELD 104 2 cr Tungsten Inert and Overhead Welding (*Prereq. WELD 103*) [**was APPW 104**]
 - _____ WELD 105 2 cr AWS. Structural Certification (*Prereq. WELD 104*) [**was APPW 105**]
 - _____ ELECTIVES 8 cr Technical Electives - Select 8 credits from the courses listed below:
- ___ APHY 100 (2) Applied Physics (*Prereq. AMATH 101 or MATH 090*) [**was PHYSI 100**]
 - ___ HYDR 101 (2) Fundamentals of Hydraulics [**was APPH 101**]
 - ___ MT 101 (3) Metal Working Processes I
 - ___ MT 221 (2) Metallurgy - Nonferrous [**was MT 206**]
 - ___ PLUMB 103 (2) Plumbing and Pipefitting Heating [**was APPPF 103**]
 - ___ WELD 106 (2) Pipe & Pressure Vessel Certif (*Prereq. WELD 105*) [**was APPW 106**]
 - ___ WELD 201 (2) Adv Gas Metal Arc Welding (*Prereq. WELD 103*) [**was APPW 201**]
 - ___ WELD 202 (2) Adv Gas Tungsten Arc Welding (*Prereq. WELD 104*) [**was APPW 202**]

_____ 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*)

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|-----------------------------|---------------------------------|-----------------------------------|------------------------------|
| Credits Required: 34 | Credits Completed: _____ | Credits In Progress: _____ | Credits 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 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: | Tom Michalak | Room T-145 | (708) 709-7807 | tmichalak@prairiestate.edu |
| | Welding Lab | Room T-165 | (708) 709-3691 | |

Dept. Chair: Tom Michalak Room T-145 (708) 709-7807 tmichalak@prairiestate.edu
Division Dean Mary Klinefelter Room 2122 (708) 709-3689 mklinefelter@prairiestate.edu

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

American Welding Society: www.aws.org