

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

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

**2008-09**  
**MILLWRIGHT**  
**Certificate**

This program trains students to move and install various metal-working machines according to a firm's management requests. Millwrights are high-skilled workers trained to dismantle, operate, repair, or lubricate industrial machinery. They are skilled in the use of basic tools and machinery and can read blueprints and schematic designs.

**PROGRAM REQUIREMENTS (32 credits)**

- \_\_\_\_\_ AMATH 100    2 cr    Basic Mathematics for the Skilled Trades
- \_\_\_\_\_ AMATH 101    2 cr    Algebra for the Skilled Trades (*Prereq. AMATH 100*)
- \_\_\_\_\_ DRAFT 101    2 cr    Drafting Essentials [**was APPD 101**]
- \_\_\_\_\_ DRAFT 102    2 cr    Drafting Conventions & Symbols (*Prereq. DRAFT 101*) [**was APPD 102**]
- \_\_\_\_\_ DRAFT 115    2 cr    Blueprint Reading for Mech Trades [**was APPD 115**]
- \_\_\_\_\_ 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**]
- \_\_\_\_\_ MILL 102    2 cr    Industrial Maintenance Techniques II [**was APPMW 102**]
- \_\_\_\_\_ MILL 103    2 cr    Lubrication [**was APPMW 103**]
- \_\_\_\_\_ MILL 105    2 cr    Rigging [**was APPMW 105**]
- \_\_\_\_\_ MILL 106    2 cr    Power Train Elements (*Prereq. MILL 101 and 102*) [**was APPMW 106**]
- \_\_\_\_\_ MILL 107    2 cr    Machine Vibration Analysis I [**was APPMW 107**]
- \_\_\_\_\_ 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**]
- \_\_\_\_\_ ELECTIVES    2 cr    Electives - Select 2 credits from the courses listed below:  
   \_\_\_\_\_ MILL 108 (2) Machine Vibration Analysis II (*Prereq. MILL 107*) [**was APPMW 108**]  
   \_\_\_\_\_ PLUMB 101 (2) Fundamentals of Plumbing [**was APPPF 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.

\_\_\_\_\_ 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 1<sup>st</sup>.*)

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

**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**

|                       |                  |            |                |  |
|-----------------------|------------------|------------|----------------|--|
| <b>Program Coord:</b> | Dale Ballard     | Room 2188  | (708)709-3769  | <a href="mailto:dballard@prairiestate.edu">dballard@prairiestate.edu</a>         |
|                       | Millwright Lab   | Room T-190 | (708) 709-3692 |  |
| <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>  | Mary Klinefelter | Room 2122  | (708) 709-3689 | <a href="mailto:mklinefelter@prairiestate.edu">mklinefelter@prairiestate.edu</a> |

**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](http://www.ccjobnet.com)