

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

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

**2009-10  
HYDRAULICS  
Certificate**

This program is designed for students who are working on machines in industry that have fluid control devices.

**PROGRAM REQUIREMENTS (34credits)**

- \_\_\_\_\_ AMATH 100    2 cr    Basic Math 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*)
- \_\_\_\_\_ AMATH 107    2 cr    Trigonometry & Shop Applications for Skilled Trades (*Prereq. AMATH 106*)
- \_\_\_\_\_ APHYS 100    2 cr    Applied Physics (*Prereq. AMATH 101 or MATH 090*) [was **PHYSI 100**]
- \_\_\_\_\_ DRAFT 101    2 cr    Drafting Essentials [was **APPD 101**]
- \_\_\_\_\_ DRAFT 102    2 cr    Drafting Conventions and Symbols (*Prereq. DRAFT 101*) [was **APPD 102**]
- \_\_\_\_\_ ELECT 100    2 cr    Electric Wiring I [was **APPIE 100**]
- \_\_\_\_\_ ELECT 101    2 cr    Fundamentals of Electricity I [was **APPIE 101**]
- \_\_\_\_\_ HYDR 101    2 cr    Fundamental of Hydraulics [was **APPH 101**]
- \_\_\_\_\_ HYDR 102    2 cr    Hydraulic Pumps (*Prereq. HYDR 101*) [was **APPH 102**]
- \_\_\_\_\_ HYDR 103    2 cr    Hydraulic Controls (*Prereq. HYDR 101*) [was **APPIE 103**]
- \_\_\_\_\_ HYDR 104    2 cr    Basic Hydraulic Circuits (*Prereq. HYDR 103*) [was **APPIE 104**]
- \_\_\_\_\_ HYDR 106    2 cr    Pneumatics (*Prereq. AMATH 101*) [was **APPIE 106**]
- \_\_\_\_\_ MILL 101    2 cr    Industrial Maintenance Techniques I [was **APPMW 101**]
- \_\_\_\_\_ PLUMB 101    2 cr    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</b>	<b>Credits</b>	<b>Credits</b>	<b>Credits</b>
<b>Required: 34</b>	<b>Completed:</b> _____	<b>In Progress:</b> _____	<b>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 2213	(708) 709-3769	<a href="mailto:dballard@prairiestate.edu">dballard@prairiestate.edu</a>
<b>Dept. Chair:</b>	John Lim	Room T-145	(708) 709-3783	<a href="mailto:jlim@prairiestate.edu">jlim@prairiestate.edu</a>
	Lab	Room T-195	(708) 709-3736	
<b>Division Dean:</b>		Room 2122	(708) 709-3689	

**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](http://www.collegecentral.com/prairiestate)