



**DEPARTMENT OF POWER ENGINEERING  
COURSE OUTLINE – SUMMER 2015  
POF 429 POWER ENGINEERING CONTROLLED PLANT PRACTICUM (WORK  
EXPERIENCE) – 2.0 (0-0-40) 480**

INSTRUCTOR:	Brent Boutilier Brian Carreau	PHONE:	780-835-6794 780-835-6631
OFFICE:	TIB 236	E-MAIL:	bboutilier@gprc.ab.ca BCarreau@gprc.ab.ca
OFFICE HOURS:	As Posted		

**PREREQUISITE(S)/COREQUISITE:**

A high school diploma including at least:

- 65% in English 20-1 or 20 -2, AND
- 65% in Math 20-1 or 20-2, AND
- 65% in any Science (Physics, Chemistry, Biology or Science) in the 20 stream, AND
- A Career Investigation (specified format)

OR

- Mature students not meeting the above requirements may request a review of their education and prior work skills by the Power Engineering Team at GPRC. Successful completion of the Fall term, Fourth Class courses, and valid H2S and First Aid certificates.

Must be registered in GPRC's Power Engineering Fourth Class Program and successfully complete POF 401, POF 402, POF 406

**REQUIRED PPE/RESOURCE MATERIALS:**

- CSA class 3 steel toe boots
- Flame resistant coveralls
- Gloves
- Safety glasses

**CALENDAR DESCRIPTION:**

This is plant experience in an actual power/processing plant, as hands on learning experience

**CREDIT/CONTACT HOURS:**

Credits 2.0

Hours 480 (0/0/40) 12 weeks

**DELIVERY MODE(S):**

On site learning at a Power Plant acceptable to ABSA

**OBJECTIVES (OPTIONAL):**

Work in a Power Heating plant of at least a Fourth Class level

Complete a plant report on the plant worked in

Complete a log book of the experience, using the Power Engineer's regulations as a guide  
Complete plant drawings as per instructions

**TRANSFERABILITY: As per ABSA requirements**

\*\* Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

**GRADING CRITERIA:**

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A+	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A–	3.7	80 – 84	
B+	3.3	77 – 79	FIRST CLASS STANDING
B	3.0	73 – 76	
B–	2.7	70 – 72	
C+	2.3	67 – 69	SATISFACTORY
F	0.0	0 – 66	FAIL
WF	0.0	0	FAIL, withdrawal after the deadline

**EVALUATIONS:**

Method	Percentage	Minimum
Course assignments	10%	67%
CML quizzes	10%	67%
Labs	10%	67%
Unit Exams	30%	67%
Final Exam	40%	67%
	100%	67%
		67% average, with no mark below 50%

**STUDENT RESPONSIBILITIES:**

As per Power Engineering Student Manual

Relocation is at the expense of the students for Practicum

**STATEMENT ON PLAGIARISM AND CHEATING:**

Refer to the Student Conduct section of the College Admission Guide at <http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at

[www.gprc.ab.ca/about/administration/policies/](http://www.gprc.ab.ca/about/administration/policies/)\*\*

\*\*Note: all Academic and Administrative policies are available on the same page.

**COURSE SCHEDULE/TENTATIVE TIMELINE:**

January to March, 12 weeks. Actual schedule will depend on work placement