



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

INSTRUCTOR: Brent Boutilier PHONE: 780-835-6794
 Brian Carreau 780-835-6631

OFFICE: TIB 236 E-MAIL: bboutilier@gprc.ab.ca
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OFFICE HOURS: As Posted

PREREQUISITE(S)/COREQUISITE:

Successful completion of the Winter 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 401 & 402 and successfully complete labs.

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 | FIRST CLASS STANDING |
| B+ | 3.3 | 77 – 79 | |
| B | 3.0 | 73 – 76 | GOOD |
| 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% |

EXAMINATIONS: As per Power Engineering Student Manual

STUDENT RESPONSIBILITIES:

As per Power Engineering Student Manual

Relocation expenses for Practicum is the students responsibility

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/**

**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