



## DEPARTMENT OF POWER ENGINEERING

### COURSE OUTLINE – SPRING 2014

#### POF 438 PROCESS OPERATIONS – 2.0 (20/5/5) 60

**INSTRUCTOR:** Houshang Ghazi  
**OFFICE:** PS130  
**OFFICE HOURS:** As posted

**PHONE:** 780-835-6609  
**E-MAIL:** hghazi@gprc.ab.ca

#### PREREQUISITE(S)/COREQUISITE:

#### REQUIRED TEXT/RESOURCE MATERIALS:

#### CALENDAR DESCRIPTION:

This is an introductory course in the acquisition and processing of natural gas designed to present topics such as the exploration and drilling for petroleum products, safety practices used for handling hydrogen sulfide, sampling hydrocarbons, confined space entry, fire protection and the control of static electricity. Students can choose to take this course and complete their studies with a certificate “*FOURTH CLASS POWER ENGINEERING/GPO A.*”

#### CREDIT/CONTACT HOURS:

Credits 2.0  
Contact Hours 60(20/5/5) 2 weeks

#### DELIVERY MODE(S):

Lectures and Labs

#### OBJECTIVES (OPTIONAL):

**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:**

Method	Percentage	Minimum
Course assignments	15%	50%
CML quizzes	15%	50%
Unit Exams	30%	50%
Final Exam	40%	50%
	100%	67%
		67% average, with no mark below 50%

<b>GRANDE PRAIRIE REGIONAL COLLEGE</b>			
<b>GRADING CONVERSION CHART</b>			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A <sup>+</sup>	4.0	90 – 100	<b>EXCELLENT</b>
A	4.0	85 – 89	
A <sup>-</sup>	3.7	80 – 84	<b>FIRST CLASS STANDING</b>
B <sup>+</sup>	3.3	77 – 79	
B	3.0	73 – 76	<b>GOOD</b>
B <sup>-</sup>	2.7	70 – 72	
C <sup>+</sup>	2.3	67 – 69	<b>SATISFACTORY</b>
C	2.0	63 – 66	<b>FAIL</b>
C <sup>-</sup>	1.7	60 – 62	<b>FAIL</b>
D <sup>+</sup>	1.3	55 – 59	<b>FAIL</b>
D	1.0	50 – 54	
F	0.0	0 – 49	<b>FAIL</b>
WF	0.0	0	<b>FAIL, withdrawal after the deadline</b>

**EXAMINATIONS:** As per Power Engineering Student Manual

**STUDENT RESPONSIBILITIES:** As per Power Engineering Student Manual

**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:**

May 5 – May 16, 2014