



## DEPARTMENT OF POWER ENGINEERING

### COURSE OUTLINE – WINTER 2012

#### POF 333

#### ELECTRICITY / CONTROLS / LEGISLATION / CODES / FUELS / COMBUSTION – 4.0(72)

<b>INSTRUCTOR:</b>	Brent Boutilier Houshang Ghazi	<b>PHONE:</b>	780-835-6794 780.835.6609
<b>OFFICE:</b>	FM5 100 PS 130 Brent As Posted	<b>E-MAIL:</b>	bboutilier@gprc.ab.ca hghazi@gprc.ab.ca
<b>OFFICE HOURS:</b>	Houshang As posted		

#### PREREQUISITE(S)/COREQUISITE:

*A High School Diploma including:*

- *English 30-1 or English 30-2*
- *Math 30-1 or 30-2 or 30 Pure or Applied*
- *Science 30 or Chemistry 20 or Physics 20*
- *Career Investigation Report*

#### REQUIRED TEXT/RESOURCE MATERIALS

PE3 Section 2, Chapters 1-3  
CSA B51, CSA B52 Code Books  
Alberta Safety Codes Act and Regulations  
ASME Academic Extract  
Calculator  
Electricity One-Seven,

#### CALENDAR DESCRIPTION:

**POF 333 Electricity, Controls, Legislation, Codes, Fuels Combustion**

#### CREDIT/CONTACT HOURS:

**Credits 4**

**Contact Hours 72**

**DELIVERY MODE(S): Lectures and Labs**

**OBJECTIVES (Optional):**

**TRANSFERABILITY:**

**\*\* 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:**

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

\*Students must complete all courses with no failing grades and attend a minimum of 80% of all classes and labs to successfully complete the program.

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

Method	Percentage	Minimum
Course assignments	15%	50%
CML quizzes	15%	50%
Unit Exams	30%	50%
Final Exam	40%	50%
	100%	50%
		65% average, with no mark below 50%

**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/) These are serious issues and will be dealt with severely.

**\*COURSE SCHEDULE/TENTATIVE TIMELINE:**

April 30 to June 8 2012

**Created by**

Brent Boutilier	24 Aug 2011	
Instructor name	Date:	Signature:

**Approved by:**

Dave Long		
Chair name	Date:	Signature: