
Outline of PN 1900 (4th class) Power Engineering I, Practicum
“ABSA” Accredited Program

Basic Course Information (5 credit)

Instructor:

Houshang Ghazi, MEng, MSc., PE
Office: Room M104
Phone: 539-2704, Fax: 539-2791

Office Hours:

Mondays through Thursdays 8:00-17:00 for
the questions of the students or their calls

Pre-requisite:

To meet the requirements for PN 1050 and
the completion of PN 1050.

Practicum PN1900 starts at beginning of
Nov. 2009 and runs for 12 weeks to the last
week of Jan. 2010 for the total of 480 hours
(12 weeks full time work) at a selected
qualified plant per the instructor’s decision.
An assignment must be completed by the
student for the practicum mark. At the
completion the signature of the plant chief
engineer or his designate is required to
verify the firing time for ABSA part “B”
exam.

Grading Scheme:

Must complete the firing time successfully
or the student fails the practicum, plus
marking:

Assignments:	100%
Pass Mark:	65%

Practicum Selection:

Plant selection for practicum would be
based on the overall course marks of
PN1050 by the end of first week in
October. Some plants wish to receive
resume from the practicum applicants,
and some like to arrange an interview
with them before granting a practicum.

Plant Assignment Description:

Questions about detailed specifics of the
plant and its operational procedures,
equipment, chemical test, process, and
diagrams must be answered in writing
and drawing.

COURSE OBJECTIVES:

Understanding of the details of
practicum plant, its equipment, and
operation.

Grades:

For the college grading system details
refer to:

<http://www.gprc.ab.ca/pdf/policies/academic/GradingPolicy-2003.pdf>

Instructor Expectation:

- 1- Guidelines governing student conduct rules at the college are listed in the college calendar 2009-2010 pages 48 to 51. Please become familiar with these expectations.
- 2- Prior to the practicum a letter of understanding between GPRC, student, and the plant chief engineer will be signed.
3. At end of practicum an evaluation form will be completed by the chief engineer and reported back to the instructor in GPRC.

Attendance:

The student's attendance in the plant must be perfect and satisfactory to the chief engineer of the practicum plant in order for him to verify the 480 hours of the firing time.

Record Retention:

Practicum records related to this course will be maintained for six months after the last day of classes. These records will then be destroyed in a secure manner.

Possible Workplace Expectations:

In general plants do not pay for the practicum (except Weyerhaeuser). Be aware that most industries demand that their work place is a non smoking environment, and test their employers for drugs. They also expect their power engineers to be physically able to perform their given task, avoid absentees, and show up for work on time.