

DEPARTMENT OF SCIENCE
COURSE OUTLINE – Winter 2023

**POF 430 (VA2): 4th Class Power Engineering Practicum Independent Plant Report – 1 (1-0-2) 18
Hours over 6 Weeks**

Northwestern Polytechnic acknowledges that our campuses are located on Treaty 8 territory, the ancestral and present-day home to many diverse First Nations, Metis, and Inuit people. We are grateful to work, live and learn on the traditional territory of Duncan's First Nation, Horse Lake First Nation and Sturgeon Lake Cree Nation, who are the original caretakers of this land.

We acknowledge the history of this land and we are thankful for the opportunity to walk together in friendship, where we will encourage and promote positive change for present and future generations.

INSTRUCTOR: Wells Darling
OFFICE: J206
OFFICE HOURS: As posted

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CALENDAR DESCRIPTION: This assignment is written while out on practicum; a summarization of your plant practicum, it should contain a minimum: the plant drawing, your log book, the 3 timesheets, 3 student evaluations, and the other attachments provided on your handout for the course POF429. This report is due 3 days after the practicum is completed.

PREREQUISITE(S)/COREQUISITE: POF429

REQUIRED TEXT/RESOURCE MATERIALS:

DELIVERY MODE(S): Lecture style presentation of material in person at the NWP Grande Prairie campus. Laboratory provides hands-on experience and will be delivered at the Fairview campus.

COURSE OBJECTIVES: Present the results of your plant report.

LEARNING OUTCOMES: Turn in the results of the plant report that was completed while out on practicum. Discuss the practicum experience in class.

TRANSFERABILITY:

Nontransferable, there are no transfer agreements in place.

EVALUATIONS:

- 5% Log Book
- 15% Plant Drawings

- 45% Plant Report
- 25% Evaluations
- 10% Presentation

GRADING CRITERIA:

| Alpha Grade | 4-point Equivalent | Percentage Guidelines | | Alpha Grade | 4-point Equivalent | Percentage Guidelines |
|-------------|--------------------|-----------------------|--|-------------|--------------------|-----------------------|
| A+ | 4.0 | 94-100 | | C+ | 2.3 | 68-71 |
| A | 4.0 | 89-93 | | C | 2.0 | 64-67 |
| A- | 3.7 | 84-88 | | C- | 1.7 | 60-63 |
| B+ | 3.3 | 80-83 | | D+ | 1.3 | 55-59 |
| B | 3.0 | 76-79 | | D | 1.0 | 50-54 |
| B- | 2.7 | 72-75 | | F | 0.0 | 00-49 |

COURSE SCHEDULE/TENTATIVE TIMELINE: Winter 2023

STUDENT RESPONSIBILITIES: Students must be prepared to pre-read chapters and objectives prior to them being covered in class. Students must also be prepared to complete the online quizzes at the same time as the chapters are covered and other Instructor assigned assignments during out of class time. Students must complete all courses with no failing grades and a minimum of 67% and attend a minimum of 80% of all classes and 100% of labs to successfully complete the program.

STATEMENT ON PLAGIARISM AND CHEATING: Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, refer to the Student Conduct section of the Northwestern Polytechnic Calendar at <https://www.nwpolytech.ca/programs/calendar/> or the Student Rights and Responsibilities policy which can be found at <https://www.nwpolytech.ca/about/administration/policies/index.html>.

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