

B. Instructor Information Sheet

1. General Information:

Instructor: Dr. Lionel R. Orama Exclusa, PE
Title: Professor
Office: S-702
Phone: 832-4040 ext. 5833
Office Hours: T-Th 1:45-4:00pm

* If you have a conflict with my office hours, we will make special appointments *

E-mail / URL: lionel.orama@upr.edu / <http://ece.uprm.edu/~lorama/CLASSES.HTM>

2. Course Description:

Course Number: INEL 4415
Course Title: Power System Analysis
Course Textbook: J.D. Glover, et.al., Power Systems Analysis & Design, 4th Ed.

3. Purpose:

This is a course for students interested in pursuing the electric power engineering choice. The course teaches planning concepts in power engineering, including short circuit analysis, load flow and economic load dispatch.

4. Course Goals:

After completing the course, the students should be able to analyze the operation of the power systems and propose solutions to found systems problems.

5. Requirements:

All students are expected to:
Think. Individually do all assigned homework, and work in teams on class projects. Arrive on time.
Attend all lectures, and approve quizzes.

6. Laboratory/Computer Usage:

There is no laboratory for this course.

Students are required to turn in the projects using the Power World software.

7. Instructional Strategy:

The course will consist of lectures, discussions and problem solving. When homework is assigned it will be due a week later. Homework will be discussed in class. Students are expected to work extensively.

8. Evaluation/Grade Reporting:

There will be a midterm test (35%), final exam (40%) and projects (25%). There will be no repositions.

- Grading scale: 100-90 A, 89-80 B, 79-70 C, 69-60 D, 59 or less F
- Academic fraud will result in discipline procedure (Discipline Board of the Dean of Students)
- Final grade will be affected at a rate of 1% for every two absences, and every three late entrances will be one absence.

9. Deadlines for Assignments:

Not yet assign.

10. Student Assistance:

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N/A

11. Attendance and Behavior:

Attendance is mandatory and you will behave.

The only electronic equipment you are allowed to bring to class is your calculator, a hearing aid, pacemaker or other health aid you may need. Cellular phones and pagers are not to be used in class.

12. Instructor Responsibilities:

The instructor will grade all evaluation tools within two weeks, will keep regular office hours and attempt to answer all questions.