

B. Instructor Information Sheet

1. General Information:

Instructor: Dr. Lionel R. Orama Exclusa, PE
Title: Professor
Office: S-702
Phone: 832-4040 ext. 4009
Office Hours: 7:40 – 8:40am

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

E-mail / URL: lorama@ieee.org, <http://www.ece.uprm.edu/~lorama/>

2. Course Description:

Course Number: INEL 4407
Course Title: Electrical Systems Design I
Course Textbook: National Fire Protection Association (2008) National Electrical Code 2008 Handbook, NFPA 70

3. Purpose:

This is a course for majors in electrical engineering. The purpose of this course is to teach the fundamental concepts of building electrical energy supply and the design of such systems to comply with applicable standards.

4. Course Goals:

After completing the course, the student should be able to design residential and commercial power distribution systems.

5. Requirements:

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

6. Laboratory/Computer Usage:

There is no laboratory for this course.

Students are required to turn in the final projects using CAD 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, work, and work.

8. Evaluation/Grade Reporting:

There will be quizzes (80%) and a final project (20%). None of the quizzes will be eliminated. 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.

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10. Student Assistance:

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.