Faculty are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Collegewide Curriculum Committee.

COURSE TITLE: National Electric Code III                     COURSE NUMBER: ELEC 2210

COURSE DESCRIPTION:
This course stresses the importance safe, efficient and well designed systems for industrial, commercial, and residential locations. The course discusses material, methods, and components used in designing electrical systems.
2 Credits (2 lect/pres, 0 lab, 0 other)

COURSE GOALS:
The following list of course goals will be addressed in the course.

1. read single family dwelling blueprint
2. describe construction drawings
3. read plot plans
4. describe construction blueprint use
5. describe blueprint specifications
6. read multifamily dwelling blueprint
7. describe material in hazardous locations
8. read industrial blueprint
9. describe hazardous locations
10. identify electrical symbols
11. describe National Electric Code
12. calculate service size
13. calculate box fill
14. calculate voltage drop
15. calculate motor feeder load
16. determine hazardous locations
17. read commercial blueprint

ATTENDANCE:
Students will be required to attend a minimum of 95% to satisfactorily complete this course.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are also encouraged to notify their instructor.