

COLLEGE OF CHEMISTRY COURSE GUIDE (../INDEX.HTML)

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CBE 160 - CHEMICAL PROCESS DESIGN (4 UNITS)

COURSE OVERVIEW

SUMMARY

Chemical Engineering 160 is offered every semester and is the last capstone course for chemical engineering students.

PREREQUISITES

Core chemical engineering upper division courses, CBE 154 (cbe154.html)

Additional Notes

TOPICS COVERED

- Process Design Principles (including Economics, ASPEN, etc.)

WORKLOAD

COURSEWORK

- Project (50%)
- Homework (10%)
- Quizzes (10%)
- Final (30%)

TIME COMMITMENT

3 hours of lecture per week. 30 min meeting with professor per week. Outside work on the project with your team.

CHOOSING THE COURSE

WHEN TO TAKE

The class is only juniors and seniors, as this is a capstone course for chemical engineering students. This course assumes knowledge of CBE 140, 141, 142, 150A/B, 154.

WHAT NEXT?

Design courses in other departments.

ADDITIONAL COMMENTS AND TIPS

During the semester, groups of 3 or 4 work on a single project to implement an industrial process. There are 3 Progress Reports, a Written Report and in-class Final Presentation of the project.

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COLLEGE OF CHEMISTRY PEER SERVICES

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