

Course Evaluation

What is the process?

- Instructor maintains a binder of course material (lectures, quizzes, midterms, final project, ...) during the semester.

What is the process?

- Instructor maintains a binder of course material (lectures, quizzes, midterms, final project, ...) during the semester.
- Students fill out SUSSAI/SPOT forms.

What is the process?

- Instructor maintains a binder of course material (lectures, quizzes, midterms, final project, ...) during the semester.
- Students fill out SUSSAI/SPOT forms.
- At the end of the semester, instructor fills out the Course Assessment form.

What is the process?

- Instructor maintains a binder of course material (lectures, quizzes, midterms, final project, ...) during the semester.
- Students fill out SUSSAI/SPOT forms.
- At the end of the semester, instructor fills out the Course Assessment form.
- At the beginning of the summer term, a team of faculty members evaluate each course based on the above evidence and suggest changes.

What is the process?

- Instructor maintains a binder of course material (lectures, quizzes, midterms, final project, ...) during the semester.
- Students fill out SUSSAI/SPOT forms.
- At the end of the semester, instructor fills out the Course Assessment form.
- At the beginning of the summer term, a team of faculty members evaluate each course based on the above evidence and suggest changes.
- Every six years, the entire undergraduate program is evaluated by ABET for accreditation.

What is the process?

- Instructor maintains a binder of course material (lectures, quizzes, midterms, final project, ...) during the semester.
- Students fill out SUSSAI/SPOT forms.
- At the end of the semester, instructor fills out the Course Assessment form.
- At the beginning of the summer term, a team of faculty members evaluate each course based on the above evidence and suggest changes.
- Every six years, the entire undergraduate program is evaluated by ABET for accreditation.
- Every six years, the university evaluates both undergraduate and graduate programs to see if the programs should be continued (QER).

Is student input important

Absolutely

- Student input is useful to make adjustments not only to this course but also to its pre-requisites.

Is student input important

Absolutely

- Student input is useful to make adjustments not only to this course but also to its pre-requisites.
- Students are good at spotting course deficiencies.

Is student input important

Absolutely

- Student input is useful to make adjustments not only to this course but also to its pre-requisites.
- Students are good at spotting course deficiencies.
- Students are good at spotting course enhancements.

What are the specifics of this course?

- Development of process flowsheets

What are the specifics of this course?

- Development of process flowsheets
- Mass and energy balances of entire flowsheets

What are the specifics of this course?

- Development of process flowsheets
- Mass and energy balances of entire flowsheets
- Equipment sizing and costing

What are the specifics of this course?

- Development of process flowsheets
- Mass and energy balances of entire flowsheets
- Equipment sizing and costing
- Optimization

What are the specifics of this course?

- Development of process flowsheets
- Mass and energy balances of entire flowsheets
- Equipment sizing and costing
- Optimization
- The use of process simulators (CHEMCAD)

What are the specifics of this course?

- Development of process flowsheets
- Mass and energy balances of entire flowsheets
- Equipment sizing and costing
- Optimization
- The use of process simulators (CHEMCAD)
- The use of computer tools (EXCEL, MATLAB, CAPCOST)

What are the specifics of this course?

- Development of process flowsheets
- Mass and energy balances of entire flowsheets
- Equipment sizing and costing
- Optimization
- The use of process simulators (CHEMCAD)
- The use of computer tools (EXCEL, MATLAB, CAPCOST)
- “Putting it all together” in a design project

Other Aspects

- The use of Blackboard for the entire course

Other Aspects

- The use of Blackboard for the entire course
- The use of software in class

Other Aspects

- The use of Blackboard for the entire course
- The use of software in class
- Movie clips

Other Aspects

- The use of Blackboard for the entire course
- The use of software in class
- Movie clips
- Instructor availability

What happens to the evaluation forms?

- Evaluation forms are sent to the university to be processed.

What happens to the evaluation forms?

- Evaluation forms are sent to the university to be processed.
- If over 90% of the students indicate that the instructor is “excellent” in the last question, the instructor gets a letter of commendation from the provost.

What happens to the evaluation forms?

- Evaluation forms are sent to the university to be processed.
- If over 90% of the students indicate that the instructor is “excellent” in the last question, the instructor gets a letter of commendation from the provost.
- If over 20% of the students indicate that the instructor is “poor” in the last question, the instructor gets a phone call from the provost.

What else can students do?

- If they think that the instructor did an outstanding job, they can nominate him/her for a teaching award.

What else can students do?

- If they think that the instructor did an outstanding job, they can nominate him/her for a teaching award.
- If they think that the instructor did a lousy job, they can complain (in writing) to the department chair.