

# CSE438 Engineering Systems Design: Student Outcomes 2009

## 1. Student Outcomes

The purpose of this survey is to get your perceptions about how well the outcomes of this course were met. These perceptions will be used to improve the course. Your honest responses will be a great assistance to the continual improvement of the UAA Engineering program.

### 1. Today's Date

MM DD YYYY

Example: 05/09/2007  /  /

### 2. What is your major (select one)?

BS Civil Engineering

BSE Mechanical Engineering

BSE Electrical Engineering

BSE Computer Systems Engineering

Other

If Other (please specify)

### 3. What semester are you attending the course (please check one)?

	Spring	Summer	Fall
2007	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2008	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2009	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2010	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2011	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### 4. Design engineering systems, components, or process to meet desired needs.

	poor	fair	good	excellent	outstanding
How well did the course cover this outcome?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your understanding/skills related to this outcome.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### 5. Professionally work with faculty/industry mentors.

	poor	fair	good	excellent	outstanding
How well did the course cover this outcome?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your understanding/skills related to this outcome.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### 6. I identify, formulate, and solve engineering design problems.

	poor	fair	good	excellent	outstanding
How well did the course cover this outcome?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Your understanding/skills related to this outcome.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

# CSE438 Engineering Systems Design: Student Outcomes 2009

## 7. Present results in a professional manner.

	poor	fair	good	excellent	outstanding
How well did the course cover this outcome?	jñ	jñ	jñ	jñ	jñ
Your understanding/skills related to this outcome.	jñ	jñ	jñ	jñ	jñ

## 8. Determine and apply the needed engineering techniques, skills and modern engineering tools necessary for engineering practice.

	poor	fair	good	excellent	outstanding
How well did the course cover this outcome?	jñ	jñ	jñ	jñ	jñ
Your understanding/skills related to this outcome.	jñ	jñ	jñ	jñ	jñ

## 9. Applied knowledge gained in previous coursework?

	poor	fair	good	excellent	outstanding
How well did the course cover this outcome?	jñ	jñ	jñ	jñ	jñ
Your understanding/skills related to this outcome.	jñ	jñ	jñ	jñ	jñ

## 10. Applied applicable design codes when available?

	poor	fair	good	excellent	outstanding
How well did the course cover this outcome?	jñ	jñ	jñ	jñ	jñ
Your understanding/skills related to this outcome.	jñ	jñ	jñ	jñ	jñ

## 11. Defined parameters for focus of design work?

	poor	fair	good	excellent	outstanding
How well did the course cover this outcome?	jñ	jñ	jñ	jñ	jñ
Your understanding/skills related to this outcome.	jñ	jñ	jñ	jñ	jñ

## 12. Demonstrate professionalism in interactions with colleagues, faculty, and staff.

	poor	fair	good	excellent	outstanding
How well did the course cover this outcome?	jñ	jñ	jñ	jñ	jñ
Your understanding/skills related to this outcome.	jñ	jñ	jñ	jñ	jñ

# CSE438 Engineering Systems Design: Student Outcomes 2009

## 2. Prerequisites and Preparation

Prerequisites and Preparation:

Your response to the questions below will help the UAA faculty assess the effectiveness of the required prerequisites and the curriculum. This assessment will lead to improvements in the UAA Engineering program.

### 13. Senior Standing and Instructor Permission

	Not	Mild	Moderate	Very	Essential
How important were your previous courses in your success in the Senior Design course?	jn	jn	jn	jn	jn

Taken at UAA? Please specify: Y=Yes, N=No

### 14. Prerequisite course #1?

	Not	Mild	Moderate	Very	Essential
What was one important prerequisite course that contributed to your success in the Senior Design course?	jn	jn	jn	jn	jn

Name of Prerequisite Course

### 15. Prerequisite course #2?

	Not	Mild	Moderate	Very	Essential
What was one important prerequisite course that contributed to your success in the Senior Design course?	jn	jn	jn	jn	jn

Name of Prerequisite Course

### 16. Prerequisite course #3?

	Not	Mild	Moderate	Very	Essential
What was one important prerequisite course that contributed to your success in the Senior Design course?	jn	jn	jn	jn	jn

Name of Prerequisite Course

### 17. Additional Comments? Please describe.