

Computer Engineering Program

Course Committee Outcomes Assessment Evaluation Form

Course Number and Title: ,

Term and Year:

Instructor:

Course Committee Participants: e m

Date: Mon Dec 01 2014 11:32:03 GMT-0500 (EST)

I. Course Issues:

Syllabus: Does the syllabus reflect current content?

☒ YES ☐ NO

Are there topics that should be dropped from the course?

☒ YES ☐ NO

Are there topics that should be added to the course?

☐ YES ☒ NO

Textbook: Is the textbook working well?

☐ YES ☒ NO

Should changes be considered for the next academic year?

☒ YES ☐ NO

Are there new books available that should be evaluated?

☒ YES ☐ NO

Does the book map well onto the syllabus?

☒ YES ☐ NO

Do other assessments (performance/exit surveys, student feedback) indicate issues that need to be addressed?

☐ YES ☒ NO

Student Performance: Did students master the material?

☒ YES ☐ NO

Are there problems in the their knowledge of key concepts?

☐ YES ☒ NO

ACTIONS/RECOMMENDATIONS:

Actions r required

II. Program Issues:

Are the pre-requisites still appropriate for this course?

☒ YES ☐ NO

Does the course content satisfy the needs of follow-on courses?

☒ YES ☐ NO

ACTIONS/RECOMMENDATIONS:

none

III. Evaluation of Outcomes Assessments:

Recommendations for course improvement:

none

Recommendations to CEN program governance (e.g. curriculum committee):

noen

Comments/Recommendations on this process:

none

COMPUTER ENGINEERING PROGRAM

SUMMARY OF COURSE COMMITTEE ANALYSIS

Course Number and Title: ,

Term and Year:
Instructor:
Course Committee Participants: e m

Date: Mon Dec 01 2014 11:32:03 GMT-0500 (EST)

Outcome: (b) reading skills Number of students:	Evaluation:(satisfactory, unsatisfactory, weaknesses, identified, suggestedimprovements, remarks)
1. Instruments Chosen	satis
2. Likert Scale Threshold(s)	satis
3. Sample Graded Student Work	j
4. Percentage of Students Achieving Outcome	j
5. Average Likert Value	j
6. Achievement of Outcome	j
7. Suggested Improvements on Achieving Outcome	j

Outcome: (c) computer skills Number of students:	Evaluation:(satisfactory, unsatisfactory, weaknesses, identified, suggestedimprovements, remarks)
1. Instruments Chosen	pretty satis
2. Likert Scale Threshold(s)	p satis
3. Sample Graded Student Work	s
4. Percentage of Students Achieving Outcome	s
5. Average Likert Value	s
6. Achievement of Outcome	j
7. Suggested Improvements on Achieving Outcome	j

Instructions to Course Evaluation Committe:

The purpose of this form is:

- 1. To perform *qualitative* analysis of the quantitative data of the outcomes assessed.**
- 2. To document the participation of several faculty in the evaluation of those assessments.**
- 3. To examine and evaluate the various quantitative criteria used, the instruments chosen, the Likert scale values, and sample student graded work.**
- 4. To generate recommendations in three categories:**
 - (a) Recommendations to future instructors.**
 - (b) Recommendations to curriculum governance.**
 - (c) Recommendations on improvement of the process.**

CEN PROGRAM OUTCOMES

- (a) an ability to apply knowledge of mathematics, statistics, computer science, and electrical engineering as it applies to computer hardware and software**
- (b) an ability to design and conduct experiments, as well as to organize, analyze and interpret data.**
- (c) an ability to design hardware and software systems, components, or processes to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.**
- (d) an ability to function on multi-disciplinary teams.**
- (e) an ability to identify, formulate, and solve hardware and software computer engineering problems, accounting for the interaction between hardware and software.**
- (f) an understanding of professional, legal, and ethical issues and responsibilities.**
- (g) an ability to communicate effectively in speech and in writing, including documentation of hardware and software systems.**
- (h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context**
- (i) a recognition of the need for, and an ability to engage in life-long learning.**
- (j) a knowledge of contemporary issues.**
- (k) an ability to use the techniques, skills, and modern engineering tools necessary for computer engineering practice.**
- (l) an ability to apply engineering and management knowledge and techniques to estimate time and resources needed to complete a computer engineering project .**