

Student Learning Outcomes for MATH 23

Engineering Statistics

Team Members:

Team Leader:

[Roberta Bloom](#) (8591) in MATH

Other members:

1. [Roberta Bloom](#) (x8591) MATH

Additional team members/notes about team:

Additional Notes:

Outcomes:

Outcome 1 Phase I: Statement

Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.

Outcome 1 Phase II: Assessment Strategy Used:

Assessment Quarter: Spring 2013

Assessors: Roberta Bloom

Assessment Tools: ••

Outcome 1 Phase III: Reflect & Enhance

Number of people involved in Phase III: 1

Changes:

We have not offered this course for several years and do not plan on offering it in the next few years.

Methods:

We have not offered this course for several years and do not plan on offering it in the next few years.

Findings and Conclusions:

We have not offered this course for several years and do not plan on offering it in the next few years.

Enhancement (Planned Actions)**Part I:**

We have not offered this course for several years and do not plan on offering it in the next few years.

Part II:

We have not offered this course for several years and do not plan on offering it in the next few years.

Outcome 2 Phase I: Statement

Use calculus based mathematics to construct, analyze, apply, and simulate probability and sampling distributions in theory and applications, and to justify appropriate statistical analyses and inferential methods.

Outcome 2 Phase II: Assessment Strategy Used:

Assessment Quarter: Spring 2013

Assessors: Roberta Bloom

Assessment Tools: • •

Outcome 2 Phase III: Reflect & Enhance

Number of people involved in Phase III: 1

Changes:

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Methods:

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Findings and Conclusions:

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Enhancement (Planned Actions)**Part I:**

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Part II:

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Outcome 3 Phase I: Statement

Collect data, interpret, compose and defend conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.

Outcome 3 Phase II: Assessment Strategy Used:

Assessment Quarter: Spring 2013

Assessors: Roberta Bloom

Assessment Tools: • •

Outcome 3 Phase III: Reflect & Enhance

Number of people involved in Phase III: 1

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Methods:

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Findings and Conclusions:

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Enhancement (Planned Actions)**Part I:**

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Part II:

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Course Competencies:

SLO Created: 02/16/2010 Last Modified: 05/19/2011

