Course SLO of Record*Complete and submit to Division Dean and Office of Instruction*

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| **Course Name and Number**: Math 250 – SINGLE VARIABLE CALCULUS I | **Date** October 21, 2013 |
| X Modification of Existing SLOs | ☐New Course  |
| **Lead Faculty approval to write or rewrite** **SLOs:\_\_\_\_\_\_\_\_\_\_\_\_**  |  |

 *Please Initial*

1. **Existing Course SLOs of Record** **to be rewritten (if applicable):**
* Students will demonstrate the ability to interpret and evaluate limits and the continuity functions graphically, algebraically, and numerically by correctly investigating, analyzing values of the independent variable and the behavior of the function.
* Students will demonstrate the ability to recognize and evaluate integrals using basic integration formulas and numerical methods to perform both definite and indefinite integration.
1. **Rationale for writing or rewriting SLOs** *(Note: Changes to SLOs should be substantive. It is recommended that only after several semesters of data collection and a full assessment of the Course should SLOs be changed:.*

The new SLO better is a better representation of course content and will provide easier reporting with new form.

1. **New Course SLOs:**
* Students will demonstrate the ability to interpret and evaluate limits.
* Students will demonstrate the ability to differentiate functions and solve related applications.
* Students will demonstrate the ability to evaluate integrals using basic integration formulas and numerical methods to perform both definite and indefinite integration.

**Course SLOs of Record**

**Course Name and Number**: Math 250 – SINGLE VARIABLE CALCULUS I

**Effective Date of SLOs:** FALL 2013 *(Semester and Year)*

**List all currently adopted Course SLOs of Record (include all SLOs for course):**

**Date SLOs adopted by Department:** October 11, 2013 – Mathematics Department SLOberfest*(attach evidence of adoption, meeting minute,; e-mail string)***List of faculty who participated in development of these SLOs:**

Dr. Jeremiah Gilbert, Dr. Stephanie Briggs, Dr. Vicente Alvarez, Dr. Victoria Anemelu, Kristin Dillard, Dr. Zadock Reid, Lori Blecka, Dr. Teri Strong, Ann Gibbons, Yvonne Beebe, Keith Lee, Dr. Abeir Israeil, Moustafa Kanawati, David Smith, and Michael Mayne.

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**Submitted By**