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

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| --- | --- |
| **Course Name and Number**: Math 095-INTERMEDIATE ALGEBRA | **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 their ability to solve real world problems employing quadratic equations by making application of properties of quadratic equations and their ability to translate English phrases into mathematical symbols to formulate and solve representative equations.
* Students will demonstrate their ability to simplify radical expressions by correctly applying properties of radicals and rational exponents to perform operations and solve equations containing radicals.

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 solve real-world problems involving quadratic equations.
* Students will demonstrate the ability to simplify radical expressions and solve equations containing radicals.
* Students will demonstrate the ability to solve systems of linear equations and inequalities.
* Students will demonstrate mastery of function concepts and operations.

**Course SLOs of Record**

**Course Name and Number**: Math 095 – INTERMEDIATE ALGEBRA

**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**