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

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| --- | --- |
| **Course Name and Number**: Math 942 - ARITHMETIC | **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 work-related problems by employing the operations of addition, subtraction, multiplication, and division with whole numbers, decimals, fractions, ratios, proportions, and percent to formulate and simplify representative mathematical expressions and to solve mathematical equations.
* Students will demonstrate the ability to simplify arithmetic expressions containing multiple operations and grouping symbols by employing the order of operations with real numbers to expressions which require multi-step simplification process.
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 by employing the operations with decimals and percent to formulate representative mathematical expressions.
* Students will demonstrate the ability to simplify expressions involving whole numbers and fractions by employing the order of operations.
* Students will demonstrate the ability to solve real-world problems by employing ratios and proportions to formulate and solve mathematical equations.

**Course SLOs of Record**

**Course Name and Number**: Math 942 - ARITHMETIC

**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**