**ESSEX COUNTY COLLEGE**

**Course Outline**

**Student Learning Outcomes (SLO) Assessment Summary Sheet**

**Course Prefix & Number**: MTH 092 **Course Title**: Elementary Algebra

**Credit Hours**: 4.5 **Contact Hours**: 4.5 **Name of Person Completing this Form**: Barbara Satterwhite

**Type of Course:** (Check **all** that apply.)

Developmental Not required for any program (not a major or additional requirement)/Other

AA program major requirement AS program major requirement AAS program major requirement

AA program additional requirement AS program additional requirement AAS program additional requirement

General Education affirmed course – if so, indicate the foundation category/ies the course is affirmed as addressing:

Written and Oral Communication Humanistic Perspective

Quantitative Knowledge and Skills Historical Perspective

Scientific Knowledge and Reasoning Global and Cultural Awareness of Diversity

Technological Competency/Information Literacy Ethics

Society and Human Behavior

**Student Learning Outcomes (SLOs)**:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Detailed Goal (SLO)** | **Assessment Method** | **Introduction (I) or**  **Mastery (M)**  **of SLO** |
| **Course Goals** | Demonstrate knowledge of fundamental concepts and theories from algebra and geometry. | Blueprinting multiple-choice questions on the Departmental midterm exam and cumulative final exam to the course MPOs. A questionnaire will be administered to students to assess their use and opinion of online homework. A study will also be conducted to determine if there is a correlation between number of missed classes and final grade or between using online homework packages and final grade. | N/A |
| Utilize various problem-solving and critical-thinking techniques to set up and solve real world applications. | (same as above) |
| Communicate accurate mathematical terminology and notation in written and/or oral form in order to explain strategies to solve problems as well as to interpret found solutions. |  |
| **Program Goals\***  (if course is a major requirement) | N/A | N/A | N/A |
| **Gen Ed Goals\***  (if course is a Gen Ed course) | N/A | N/A | N/A |

**\*** addressed by **THIS** specific course