**ESSEX COUNTY COLLEGE**

**Course Outline**

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

**Course Prefix & Number**: MTH 086 **Course Title**: Introductory Algebra

**Credit Hours**: 4.5 **Contact Hours**: 4.5 **Name of Person Completing this Form**: Shohreh Andresky &

Ines Figueiras

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

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

X

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** by GECC 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 the fundamental concepts and theories from arithmetic, algebra and geometry. | Blueprint midterm exam and final exam questions to MPOs for CG 1. Administer a student survey to analyze the impact of class size and the use of online homework systems on final course grades. | N/A |
| Utilize various problem-solving and critical-thinking techniques to set up and solve real-world applications; |  |
| 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