**ESSEX COUNTY COLLEGE**

**Course Outline**

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

**Course Prefix & Number**: BIO 100 **Course Title**: Foundations of Biology

**Credit Hours**: 4.0 **Contact Hours**: 6.0 **Name of Person Completing this Form**: Lynn Wilson

**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** 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** | Explain terminology and fundamental concepts relevant to the structural organization of the human body, homeostasis and anatomical region and cavities. | Blueprinting questions on exams. | N/A |
| Explain terminology and fundamental concepts relevant to basic chemistry and biochemistry including, but not limited to, matter, energy, atoms and elements, chemical bonds, chemical reactions and inorganic and organic compounds. | Blueprinting questions on exams. |
| Explain terminology and fundamental concepts relevant to cells including, but not limited to, nuclei, cell membranes, cytoplasm, cell growth and reproduction and the genetic code. |  |
| Explain terminology and fundamental concepts relevant to tissues including, but not limited to, epithelial tissue, connective tissue, nervous tissue, muscle tissue and tissue repair. |  |
| **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