

**SUFFOLK COUNTY COMMUNITY COLLEGE
PROGRAM-LEVEL STUDENT LEARNING OUTCOMES FORM**

Date: May 2017

Submitted By: Glenda Denicolo

I. Program Title/Degree/Campus:

Liberal Arts & Sciences – Sciences – Physics Option/A.S.
Campus: Ammerman

II. Current Program-Level Student Learning Outcomes:

1. Demonstrate knowledge of factual material essential to their discipline in science;
2. Apply the scientific process, including designing and conducting experiments and testing hypotheses;
3. Read, understand, and critically review scientific papers;
4. Prepare written reports in a standard scientific format;
5. Analyze and interpret quantitative scientific data;
6. Perform laboratory skills specific to their discipline in science; and
7. Evaluate and discuss contemporary science-related social and ethical issues, both locally and globally, using scientific knowledge and reasoning.

III. Revised Program-Level Student Learning Outcomes:

TWO PLO'S HAVE BEEN REMOVED FOR THE **PHYSICS OPTION**:

1. Demonstrate knowledge of factual material essential to their discipline in science;
2. Apply the scientific process, including designing and conducting experiments and testing hypotheses;
3. Prepare written reports in a standard scientific format;
4. Analyze and interpret quantitative scientific data;
5. Perform laboratory skills specific to their discipline in science; and

Ammerman Campus

Name of Department: Physical Sciences

Name of Academic Chair: Thomas Breeden

Department Votes: 3

For__3__ Against__0__ Abstention__0__ Date of Vote: May 12, 2017

Eastern Campus (All full times physics faculty are in the Ammerman campus)

Name of Department:

Name of Academic Chair:

Department Votes:

For_____ Against_____ Abstention_____ Date of Vote:_____

Grant Campus (All full times physics faculty are in the Ammerman campus)

Name of Department:

Name of Academic Chair:

Department Votes:

For_____ Against_____ Abstention_____ Date of Vote:_____