

# SUFFOLK COUNTY COMMUNITY COLLEGE

## **ABBREVIATED COLLEGE COURSE SYLLABUS FORM**

A course syllabus is not the same as a course outline. A course syllabus outlines the general requirements for a course. A course outline is the specific document created by the individual faculty member to distribute to a specific course section. This is an "abbreviated" course syllabus because it is only collecting information on the course number, title, description, and learning outcomes. Please submit this completed form electronically to Dean Britton.

PLEASE NOTE: Any changes made to the Course Number, Title, or Catalog Description must go through the regular faculty governance process. This Expedited Process of Approval, which expires in March 2012, only pertains to approval of the Learning Outcomes. Therefore, this is NOT the form to be used to change course numbers, titles, or descriptions. This is NOT the form to use for proposing a new course. (See the Governance website for those types of proposals.)

**I. Course Number and Title:** PHY111 How Things Work

**II. Catalog Description:** This course is geared to bringing an understanding of basic technology to non-science majors. It is intended to be a practical introduction to the physics and science of everyday life. This course will consider objects from our daily environment and will focus on their principles of operation, histories, and relationships to one another such as cell phones, computers, batteries, refrigerators, planes, rockets, satellites, etc. Prerequisite: MAT007 with no previous science background.

**III. \*Learning Outcomes:** *(Main concepts, principles, and skills you want students to learn from this course) The Learning Outcomes listed here should be considered the minimum core outcomes for the course. Many other learning outcomes may also be a part of the learning experience within the course.*

**Upon completion of this course, students will be able to:**

- A. Begin to see science in everyday life.
- B. Learn that science isn't frightening.
- C. Learn to think logically in order to solve problems.
- D. Develop and expand physical intuition.
- E. Learn how things work.

\*These statements must appear verbatim in course outlines. However, additional outcomes may be added to individual course outlines at the instructor's discretion.

- F. Begin to understand that the universe is predictable rather than magical.
- G. Obtain a perspective on the history of science and technology.

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Name of Discipline Lead: **Glenda Denicoló**

Discipline Vote:

For **3**                      Against **0**                      Abstention **0**

Date of Vote: **03/02/2010**

\_(Initial and Date)\_\_\_\_\_ Certification of Vote by AVP of Academic Affairs

\_(Initial and Date)\_\_\_\_\_ Certification of Vote by College Curriculum Chair

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