Foothill College
College Curriculum Committee
New Course Proposal

This form should be completed by the faculty author as preparation to writing a new course. Your division CC rep can assist you in completing it appropriately, and will forward it to the Office of Instruction for inclusion as an announcement at the next available CCC meeting. The purpose of this form is ***interdisciplinary communication****. The responsibility to rigorously review and approve new courses remains with the divisional curriculum committees.*

Date Proposal Given to Division CCC Rep:
Faculty Author: Mary Holland

Proposed Number:
Proposed Title: I Matter: An Introduction to Green Chemistry

Proposed Catalog Description:
This course introduces students to one of the most significant emerging fields in modern chemistry, green chemistry, which connects the optimum use of chemistry to the well-being of humanity and the environment. The course will cover the fundamental principles of chemistry necessary to understand the source and fate of man-made chemical substances in the environment and potential impacts on human health. Chemical concepts such as atomic structure, bonding, thermodynamics, and chemical reactivity are introduced as they pertain to particular environmental issues. Basic chemical laboratory techniques will be covered as students investigate the chemistry of their local environment, biofuel synthesis and common polymers.

Proposed Discipline:
Chemistry

Proposed Need/Justification Statement:
This course is a required core course for the AS degree in General Studies Science.

To which Degree(s) or Certificate(s) would this course potentially be added?
Associate of Science

Comments & Other Relevant Information for Discussion:

Instruction Office:
Date presented at CCC:
Number assigned:
Date number assigned/notification: