## Undergraduate Course Proposal Form - Summary Page

**Directions: Type normally in the grayed areas, then tab to next area. Type X in the check boxes, then tab to next area.**

Date Submitted:

Course Number and Name:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| First semester to be offered: | Fall | | Spring | | Summer 20 |  |
| Last semester to be offered: | Fall | | Spring | | Summer 20 | offer indefinitely |
| Course to be scheduled | Automatically | | | On demand (by department request only) | | |  |
| Course to be offered : | Fall | Spring | | Summer (check *all* that apply) | | |  |

Course Designation (check *one)*

Lecture

Lecture/Lab (course does not require separate lab registration)

Lec/Disc (course does not require separate discussion registration)

Lecture with separate discussion registration

Lecture with separate lab registration

Lab with no lecture

Independent Study

Lecture hrs/wk:

Discussion hrs/wk:

Laboratory hrs/wk:

Semester credits :

Prerequisites:

Courses for which this course is a prerequisite:

Is this course a number change only?  Y  N

Additional supplies or resources:

### Authorization for Supplies

Department Chair: Date:

## Undergraduate Course Proposal

Required

Elective

Course Number and Name:

Semester and Academic Year:

**Proposed Catalog Copy**:

**Course Schedule (number of hours per week, lecture, lab, discussion)**:

**Textbooks (type textbook bio)**:

**Reference (reference bio):**

**Coordinator (name, title, department):**

**Prerequisites by topic**:

**Course Goals:**

**Course Topics:**

**Course Outcomes –** As an outcome of completing this course, students will:

**Course Outcomes mapped to Program Outcomes:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Program Outcome** | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **Course Outcome** |  |  |  |  |  |  |  |
| **Emphasis (1-5)** |  |  |  |  |  |  |  |

1=not at all; 5=a great deal

**Program Outcomes:**

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. an ability to communicate effectively with a range of audiences
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

**Prepared by:**        **Date:**

## Undergraduate Course Proposal Form - Signature Page

Course Number and Name:

**Submitted by** (please type or print):

Signature: Date:

**Recommended by Department (Chair or Assoc Chair)**:

Signature: Date:

**Approved College Undergraduate Committee:**

Signature: Date:

**Approved at Faculty Meeting** on (Date:)

**Administrative Approval**:

Signature: Date: