

# ENGI-199: INDEPENDENT STUDY IN ENGINEERING

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**Effective Term**

Fall 2013

**BOT Approval**

12/12/2012

**SECTION A - Course Data Elements**
**Send Workflow to Initiator**

No

**CB04 Credit Status**

Credit - Degree Applicable

**Discipline**

Minimum Qualifications	And/Or
Engineering (Master's Degree)	

**Subject Code**

ENGI - Engineering

**Course Number**

199

**Department**

Engineering (ENGI)

**Division**

Science and Engineering (SE)

**Full Course Title**

Independent Study in Engineering

**Short Title**

Ind Study in Engineering

**CB03 TOP Code**

0901.00 - Engineering, General (requires Calculus) (Transfer)

**CB08 Basic Skills Status**

NBS - Not Basic Skills

**CB09 SAM Code**

E - Non-Occupational

**Rationale**

Students in engineering need to have an independent studies course option.

**SECTION B - Course Description**
**Catalog Course Description**

Study an area of engineering of special interest to student. May include advanced studies and projects begun in other engineering course or engineering related studies not normally included in formal course work.

**SECTION C - Conditions on Enrollment**
**Open Entry/Open Exit**

No

**Repeatability**

Not Repeatable

**Grading Options**

Letter Grade or Pass/No Pass

**Allow Audit**

Yes

**Requisites**

**SECTION D - Course Standards**

**Is this course variable unit?**

Yes

**Units**

1.00

**Units Maximum**

3.00

**Lab Hours**

54.00

**Lab Hours Maximum**

162

**Outside of Class Hours**

0

**Outside of Class Hours Maximum**

0

**Total Contact Hours**

54

**Total Contact Hours Maximum**

162

**Total Student Hours**

54

**Total Student Hours Maximum**

162

**Distance Education Approval**

**Is this course offered through Distance Education?**

Yes

**Online Delivery Methods**

<b>DE Modalities</b>	<b>Permanent or Emergency Only?</b>
Entirely Online	Permanent
Hybrid	Permanent
Online with Proctored Exams	Permanent

## SECTION E - Course Content

### Course Objectives

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

1. The student will develop interest in an area by selecting and investigating a specific engineering topic.
2. The student will demonstrate knowledge gained about the selected topic and/or technical skill by consultation with the instructor.
3. For repeatable credit, the student must demonstrate progress in a selected topic, or select a different topic.

### Course Content

Dependent on individual student interest and approval of written proposal.

### Methods of Instruction

#### Instructor-Initiated Online Contact Types

Announcements/Bulletin Boards  
 Chat Rooms  
 Discussion Boards  
 E-mail Communication  
 Video or Teleconferencing

#### Student-Initiated Online Contact Types

Chat Rooms  
 Discussions  
 Group Work

#### Course design is accessible

Yes

### Proposed General Education/Transfer Agreement

**Do you wish to propose this course for a Local General Education Area?**

No

**Do you wish to propose this course for a CSU General Education Area?**

No

**Do you wish to propose this course for a UC Transferable Course Agreement (UC-TCA)?**

No

### Course Codes (Admin Only)

#### ASSIST Update

No

#### CB00 State ID

CCC000511786

#### CB10 Cooperative Work Experience Status

N - Is Not Part of a Cooperative Work Experience Education Program

#### CB11 Course Classification Status

Y - Credit Course

#### CB13 Special Class Status

N - The Course is Not an Approved Special Class

#### CB23 Funding Agency Category

Y - Not Applicable (Funding Not Used)

#### CB24 Program Course Status

Program Applicable

**Allow Pass/No Pass**

Yes

**Only Pass/No Pass**

No