Industrial Design, B.S.  
303-556-2916 Technology 124

General Studies  35 min  Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.
Major courses  75
Electives  10

Total to graduate (min. 40 hrs upper division)  120 min

TO BE COMPLETED WITHIN FIRST 30-COLLEGE LEVEL CREDIT HOURS

Written Communication
ENG 1010 (3hrs) Freshman Comp: the Essay*
OR ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II*
ENG 1020 (3hrs) Freshman Comp: Anal., Rsrch & Docum. (must be completed within 45-credit hours)

Quantitative Literacy*
MTH 1210 (4hrs) Introduction to Statistics

Oral Communication*
SPE 1010 (3hrs) Public Speaking

Arts & Humanities
ARTH 1500 (3hrs) Art & Visual Literacy
ARTH 1700 (3hrs) World Art II: Art 1400-1900

Historical
(3hrs)

Natural & Physical Sciences
PHY 1000 (4hrs) Introduction to Physics
(3 hrs)

Social & Behavioral Science I
(3 hrs)

Social & Behavioral Science II
PSY 1001 (3 hrs) Introductory Psychology

Global Diversity
ARTH 1700 World Art II: Art 1400-1900 (required in Arts & Humanities)

Multicultural Requirement
(May be satisfied within General Studies or electives)

MAJOR COURSES: (Please see a faculty advisor in IND)
ART 1101 (3 hrs) Two-Dimensional Design
ART 1141 (3 hrs) Drawing I: Black and White
ART 1501 (3 hrs) Three-Dimensional Design
IND 1000 (1 hr) Introduction to Industrial Design
IND 1010 (3 hrs) Woods: Materials and Fabrication
IND 1130 (3 hrs) Plastics: Materials and Fabrication
IND 1250 (3 hrs) Metal: Materials and Fabrication
IND 1450 (3 hrs) Industrial Drawing and CAD
IND 1470 (3 hrs) Perspective Drawing
IND 2100 (3 hrs) Digital Composition
IND 2450 (4 hrs) Beginning Industrial Design Studio
IND 2830 (3 hrs) Manufacturing Materials and Processes
IND 3450 (4 hrs) Intermediate Industrial Design Studio
IND 3480 (3 hrs) Industrial Design Model Making
IND 3600 (3 hrs) Digital Visualization Techniques in ID
IND 3660 (3 hrs) Computer Aided Modeling
IND 3800 (4 hrs) Design for Production
IND 3950 (3 hrs) History of Industrial Product Design
IND 4450 (4 hrs) Advanced Industrial Design Studio
IND 4460 (4 hrs) Professional Industrial Design Studio
IND 4540 (4 hrs) Concept and Portfolio Development
IND 4960 (3 hrs) Professional Internship (Senior Experience)
PSY 4410 (3 hrs) Human Factors Engineering

IND Electives: Required 12-credit hours from the following:
IND 2810-3  IND 4410-3  IND 3100-3  IND 4090-3
IND 390H-3  IND 3330-3  IND 3050-3  IND 390I-3

ADDITIONAL NOTES
• The prerequisite for this course, ARTH 1600-World Art I, is waived for IND majors. IND majors must see the Art department to enroll in this course. Do not take ARTH 1600, World Art I.

Electives

This sheet applies to the 2012-2013 catalog only. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors must work with a faculty advisor on course selection and sequencing to ensure a timely graduation.
IND DISTRIBUTED CURRICULUM GUIDE - a representative 8 semesters

This guide accounts for prerequisites and the current portfolio requirement. The guide is for the advisor and the student to work out the student’s specific needs. Transfer credits, the opportunity for summer and winter term classes, and course availability affect final schedules.

**IND required courses**

1. ART 1141 -3 2D Design
   - Pre or Corequisite: IND 1450 or IND 1140

2. IND 1450 -3 Industrial Drawing and CAD
   - Prequisite for IND 3680

3. IND 1010 -3 Wood: Materials & Fabrication

4. IND 1250 -3 Metals: Materials & Fabrication
   - Prequisite for IND 3680

5. IND 1000 -3 Introduction to Industrial Design

**General Studies and Electives**

6. MTH 1210 -4 Intro to Statistics
   - Quantitative Literacy (Within 30 hours)

7. PHY 1000 -4 Intro to Physics
   - Natural and Physical Science

8. ARTH 1700 -3 World Art II
   - Register Art Department
   - General studies
   - Arts and Humanities

**SPE 1010 -3 Public Speaking**
   - Communication (Within 30 hours)

**ENG 1010 -3 Freshman Comp.**
   - Written Communication (Within 30 hours)

**KEY:**
- Leads to a prerequisite for a required class
- Class with prerequisite(s)
  - All classes to left of red line required for 60 hour portfolio review (P)
- Gray shaded courses are the four studio classes which must be sequential
- Courses with dotted line are IND elective courses

**IND Electives (Required 12 credit hrs.)**

- IND 2830 -3 Manufacturing M&P
- IND 2880 -3 Model Making
  - Prerequisite: IND 1010 and IND 1130
- IND 2880 -3 Manufacturing M&P
- IND 3680 -3 Computer Aided Modeling
  - Prerequisite: IND 1450
- IND 3950 -3 Digital Visualization in ID

**Note:**
- IND 3680, IND 3480
- PSY 1001, PSY 4410
- These four courses can be taken before portfolio review
- See student’s advisor

**IND Electives (Required 12 credit hrs.)**

- IND 2810 -3 Design & Tech.: Global Perspectives
  - MTH 2100, ENG 1010
- IND 3950 -3 Manufacturing M&P
- IND 4100 -3 Advanced Plastics & Composites
  - Prereq: IND 3680
- IND 3050 -3 Advanced Sketching
  - Prereq: IND 1470
- IND 3950 -3 Manufacturing M&P
  - Prereq: IND 2450

**ID requirements fill all General Studies except this group.**

- See "ID Electives" also.
- Include a multi-cultural; see catalog.