Bachelor of Science (BS)  
Non-Teaching  
Degree Code  576*  
Concentration Code  576C  

I. CORE CURRICULUM

Any science acceptable
MAT  1020  (4) (ND) or higher  
TEC  2029  (3) (CD/MC/W)  
Art  2011  (3) or Art 2130  (3) (W/MC)

II. MAJOR REQUIREMENTS

18 sh must be completed at Appalachian

Notes: Students must declare Tec major before registering for design studio courses.

Students lacking proficiency in word processing, spreadsheets, www and email must take an
Introductory computer course.

A minimum grade of C (2.0) is required in each course except for the Non-Tec Electives.

Introductory Courses (14 sh)
IND 1001  (4) (C) Technical Drafting  
IND 2011  (4) (W) Introduction to Product Design  
IND 2201  (3) Design Drawing I  
COM 2101  (3) (S) Public Speaking (“C” minimum)

Materials and Processes (16 sh)
IND 2211  (3) Design Drawing II  
TEC 2004  (3) Introduction to Metals Technology  
TEC 2005  (4) Wood Technology  
TEC 2116  (3) Ceramic Technology  
TEC 3039  (3) Materials

Industrial Design Courses (37 sh)
GRA 3102  (3) (C) Electronic Imaging  
IND 3701  (4) Junior Design Studio I  
IND 3711  (4) Junior Design Studio II  
IND 3801  (3) (C) CADD I: 3D & Solid Modeling  
IND 4401  (3) CADD II: Animation and Multimedia Presentation  
IND 4557  (3) (S) Design for Manufacture  
IND 4801  (5) Senior Design Studio I  
IND 4802  (5) Senior Design Studio II  
IND 4811  (1) Professional Practice in Industrial Design  
TEC 4900  (6) (W) Internship

(International Studies & Foreign Language electives are recommended – see advisor for list of courses)

TEC Electives (6 sh)

Non-Department of TEC Electives (9 sh)

III. MINOR - NOT REQUIRED

IV. FREE ELECTIVES

2 sh of free electives outside the major discipline are required

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**NAME__________ MAJOR__ Industrial Design/Product Design__________**

**ENGLISH (6 s.h.)**
- English 1000 (W)  
- English 1100 (W) or 1510 (W)

**MATHEMATICS (4 s.h.)**
- Math 1010 (ND, C, CD)  
- Math 1020 (ND)  
- Math 1110 (ND)  
- Math 1120 (ND)

**NATURAL SCIENCES (8 s.h. of a sequence)**
- Astronomy 1001 (ND)  
- Biology 1101 (ND)  
- Chemistry 1101 (ND), 1110  
- Geology 1101 (ND) or 1103 (ND) or 1110 (ND) or 1510 (W, ND)  
- Geophysics 1010 (W) or 1102 (ND) or 1104 (W) or 1104 (ND)  
- Physics 1103 (ND) or 1105 (W) or 1105 (ND) or 1105 (W, CD)  
- Physics 1500 (W) or 1515 (W, CD)

**PHYSICAL ACTIVITY/WELLNESS (2 s.h.)**
- DAN 1400 (2) or 2400 (2) or 3480 (2) or 3580 (2)

**SOCIAL SCIENCES (History - 6 s.h.)**
- History 1101 (MC)  
- History 1102 (MC) or History 1510 (W, MC)  
- History 1515 (W, MC) or HIS 1103** (MC)

**Other SOCIAL SCIENCES (6 s.h.)**
- Anthropology 1215 (MC), 1220, 2335 (MC), 2420 (MC)
- Appalachian Studies 2411 (W, MC, CD), 2515 (W, MC, CD)
- Economics 1010, 2030
- Family and Consumer Sciences 2103 (C) (FCS 2103 or SOC 1110 to fulfill requirements, but not both)
- Geography 1010 or 1510, 1020 (MC) or 1515(MC), 1040 (MC); Planning 2410 (CD) or 2510
- Interdisciplinary Studies 1101*, 1103*, 1102*, 1104*, 2201*-2206* (W*, S*, MC*, CD*)

**For Music Therapy Majors Only:** Completion of BIO 1101 (ND) (4 sh) and ES 2000 (5 sh) will fulfill the core curriculum science requirement.

**General Science Sequence:**
- G.S. Physics 1010 (ND) or G.S. Astronomy 1010 (ND) and G.S. Chemistry 1020 (ND) followed by:
- G.S. Geology 1030 (ND) and G.S. Biology 1040 (ND)

**HUMANITIES (12 s.h.)**
- Choose FOUR courses from at least three areas. One course must be a LITERATURE course and one course must be from the fine arts (ART, DANCE, MUSIC or THEATRE). Courses underlined are approved for literature. (*Approved on a semester by semester basis*)

**For Major**
- Appalachian Studies 2016 (counts as a HUM FA), 2410 (W, MC, CD) 2510 (W, MC, CD)
- *ART 2011 or 2130__ Art 2011, 2013 (W, MC, CD), 2030 (MC), 2130 (W, MC)  
- Chinese 1040 (MC), 1050 (MC)  
- Dance 2014 (MC), 3430 (W, MC)  
- English 2010 (W), 2020 (W), 2030 (W, MC), 2040 (W, MC), 2100 (W), 2120 (W, MC), 2120 (W, MC), 2130 (W, MC), 2340 (W), 2320 (W), 2510 (W), 2515 (W)
- English 2170 (counts as a separate area; does not fulfill literature)
- Foreign Language 2010 (MC), 2025 (MC), 2510(MC)
- French 1040 (MC), 1050 (MC), 1060 (MC), 3030 (W,MC), 3040 (W,MC)
- German 1040 (MC), 1050 (MC), 1060 (MC), 3015 (W, MC), 3025 (W, MC), 3050 (MC), 3055 (W, MC), 3550 (W, MC)
- Interdisciplinary Studies 1101*, 1103*, 1102*, 1104*, 2201*-2206* (W*, S*, MC*, CD*)
- Philosophy 1000, 1040 (W), 1100, 1200, 2000, 2013 (W, MC, CD counts as a HUM FA), 2015 (W, MC, CD), 3015 (W, CD), 3600 (W)
- Russian 1040 (MC), 1050 (MC)
- Spanish 1040 (MC), 1050 (MC), 1060 (MC), 3015 (W, MC), 3025 (W, MC), 3050 (W, MC), 3055 (W, MC)
- Theatre 2011, 2015 (MC,CD), 2610 (W, S), 3640 (S), 3720 (W, MC,CD), 3733 (W,MC,CD), 3735 (W, MC, CD)
- Women's Studies 2420 (W, MC, CD)

*Foreign Language Placement Exam Required before Enrollment

*ART 2011 or 2130 Required for Major