

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

Checksheet for Technology Majors
Industrial Design
Product Design Concentration

I. CORE CURRICULUM..... 44
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..... 82
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

<u>Major Designators</u>	
2 Writing (W)	___ ___
1 Speaking (S)	___
*Com Prof	___
*A "C" minimum in COM 2101 satisfies Communication Proficiency	
<u>Other Designators</u>	
4 Writing (W)	___ ___ ___ ___
(English 1000/1100 will count as 2 W)	
4 Multi-cul (MC)	___ ___ ___ ___
(His 1101/1102 will count as 2 MC)	
2 Num Data (ND)	___ ___
2 Computer (C)	___ ___
1 Cross-dis (CD)	___

(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
2 sh of free electives outside the major discipline are required

NAME _____ MAJOR Industrial Design/Product Design

Passed _____ Completed MAT 0010

ENGLISH (6 s.h.)

_____ English 1000 (W)
_____ English 1100 (W) or _____ 1510 (W)

MATHEMATICS (4 s.h.)

_____ Math 1010 (ND, C, CD) _____ Math 1030 (ND, C)
* _____ Math 1020 (ND) _____ Math 1110 (ND)
_____ Math 1025 (ND) _____ Math 1120 (ND)

*Math 1020 or higher required for major

NATURAL SCIENCES (8 s.h. of a sequence)

_____ Astronomy 1001 (ND) _____ 1002 (ND)
_____ Biology 1101(ND) _____ 1102(ND)
_____ Chemistry 1101 (ND), _____ 1110 _____ 1102 (ND), _____ 1120
_____ Geology 1101 (ND) _____ 1102 (ND, CD) or
_____ Geology 1101 (ND) _____ 1103 (ND) or
_____ Geology 1510 (W, ND) _____ 1511 (W, ND)
_____ Physics 1101 (ND) _____ 1102 (ND) or
_____ Physics 1103 (ND) _____ 1104 (ND) or
_____ Physics 1150 (ND) _____ 1151 (ND)

PHYSICAL ACTIVITY/WELLNESS (2 s.h.)

_____ DAN 1400 (2) _____ 1410 (2) _____ 1420 (2) _____ 2400 (2)
_____ DAN 2410 (2) _____ 2420 (2) _____ 3480 (2) _____ 3580 (2)
_____ FCS 2202 (3)
_____ HP 1105 (2)
_____ MSL 1101(1) _____ 1102 (1)
_____ MUS 1100(1) (May count twice)
_____ PE Activities 1000-1049 (1), _____ 1057 (1), _____ 1071-1080(1)
PE majors only: PE 3008(3)

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)

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)

****If received an "A" in High School World Civ/World His class may take HIS 1103 instead of 1101 & 1102. If taking 1103 must take 3 courses from other Social Sciences in at least 2 different areas.**

OTHER SOCIAL SCIENCES (6 s.h.)

Choose TWO courses from different areas, THREE if HIS 1103 chosen above. (*Approved on a semester by semester basis)

_____ 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
_____ Honors 1515* (CD, W*, S*, MC*, ND*, C*), 2515* (CD, W*, S*, MC*, ND*, C*), 3515* (CD, W*, S*, MC*, ND*, C*)
_____ Interdisciplinary Studies 1101*, 1103*; 1102*, 1104*; 2201*-2206* (W*, S*, MC*, CD*),
Note: Priority enrollment given to Watauga Residential College students

_____ Interdisciplinary Studies 2210 (W, MC, CD)
_____ Political Science 1000 (MC), 1100, 1200, 1201 (S), 2120 (MC), 2130, 2240 (MC)
_____ Psychology 1200
_____ Recreation Management 2400 (CD)
_____ Social Work 2020
_____ Sociology 1000, 1100, 1110, 1110, 2700, 2850 (W) (May take FCS 2103 or SOC 1110, but not both)
*TEC 2029 _____ Technology 2029 (W, MC, CD), 3601 (CD)
_____ Women's Studies 2421 (W, MC, CD)

*Required for Major

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)

_____ 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), 2130 (W, MC), 2310 (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)
_____ Honors 1515* (CD, W*, S*, MC*, ND*, C*), 2515* (CD, W*, S*, MC*, ND*, C*), 3515* (CD, W*, S*, MC*, ND*, C*)
_____ Interdisciplinary Studies 1101*, 1103*; 1102*, 1104*; 2201*-2206* (W*, S*, MC*, CD*),
Note: Priority enrollment given to Watauga Residential College students
_____ Interdisciplinary Studies 2210 (W, MC, CD)
_____ Japanese 1040 (MC), 1050 (MC)
+ _____ Latin 1040 (MC), 1050 (MC), 3010 (MC), 3020 (MC)
_____ Music 2011 (MC), 2013 (W, MC, CD), 2014, 2015, 2016, 2017, 2018 (MC), 2019, 2020
Music majors only: 1611 (W, MC), 2611 (MC, CD), 2612 (W, MC, CD), 2613, 3611 (W, MC, CD)
_____ Philosophy 1000, 1040 (W), 1100, 2000, 2013 (W, MC, CD counts as a HUM FA), 2015 (W, MC, CD), 3013 (W, CD), 3600 (W)
_____ Religious Studies 1010 (MC), 1110 (MC), 2010 (W, MC), 2020 (W, MC), 2030 (MC), 2040 (MC), 2110 (W, MC), 2120 (W, MC), 2130 (MC), 2140 (W, MC), 2150 (W, MC)
_____ 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), 3730 (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