

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)

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 1080 (ND, CD) _____ 1090 (ND, CD) or
- _____ 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)

***Math 1020 or higher Required for Major**

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(2)

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)
- _____ Economics 1010, 2030
- _____ Family and Consumer Sciences 2103 (C) (FCS 2103 or SOC 1110 to fulfill requirements, but not both)
- _____ General Honors 1515* (CD, W*, S*, MC*, ND*, C*), 2515* (CD, W*, S*, MC*, ND*, C*), 2520* (CD, W*, S*, MC*, ND*, C*), 3515* (CD, W*, S*, MC*, ND*, C*)
- _____ 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*)
- Note: Priority enrollment given to Watauga Residential College students
- _____ Interdisciplinary Studies 2411 (W, MC, CD), 2421 (MC, CD)
- _____ Political Science 1000 (MC), 1100, 1200, 1201 (S), 2120 (MC), 2130, 2240 (MC)
- _____ Psychology 1200
- _____ Sociology 1000, 1100, 1110, 2700, 2850 (W) (May take FCS 2103 or SOC 1110, but not both)
- *Tec 2029 Technology 2029 (W, MC, CD)

***Tec 2029 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, 2410 (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 (W) (counts as a separate area; does not fulfill literature)
- _____ Foreign Language 2010 (MC)
- + _____ French 1040 (MC), 1050 (MC), 1060 (MC), 3030 (W,MC), 3040 (W,MC)
- _____ General Honors 1515 * (CD, W*, S*, MC*, ND*, C*), 2515* (CD, W*, S*, MC*, ND*, C*), 2520* (CD, W*, S*, MC*, ND*, C*), 3515* (CD, W*, S*, MC*, ND*, C*)
- + _____ 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*)
- Note: Priority enrollment given to Watauga Residential College students
- _____ Interdisciplinary Studies 2410 (W, MC, CD), 2420 (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), 2020
- Music majors only: 1611 (W, MC), 2611 (MC, CD), 2612 (W, MC, CD), 3611 (W, MC, CD)
- _____ Philosophy 1000 (W), 1040 (W), 1100, 2000 (W), 2013 (W, MC, CD) counts as a HUM FA, 2015 (W, MC, CD), 3013 (W, CD), 3600 (W)
- _____ Religion 1020 (MC), 2010 (W, MC), 2013 (W, MC, CD) counts as a HUM FA, 2020 (W, MC), 2025 (W, MC), 2026 (W, MC), 2030 (MC), 2040 (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)

+Foreign Language Placement Exam Required before Enrollment

*Art 2011 or 2130 Required for Major