

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

Checksheet for Technology Majors  
 Industrial Design  
 Product Design Concentration

I. GENERAL EDUCATION ..... 44

II. MAJOR REQUIREMENTS ..... 89  
*A minimum grade of C (2.0) is required in each Technology department course. 18 sh must be completed at Appalachian.*

Notes: Students must declare the IND major before registering for 3000 level courses. Students must pass a portfolio review in the sophomore year to advance to upper level Product Design courses. Students lacking proficiency in word processing, spreadsheets, internet, and email must take an introductory computer course.

Introductory Courses (25 sh)

ART	1011_____ (3)	Design Fundamentals
ART	1012_____ (3)	Design Fundamentals II ( <b>Prerequisite: ART 1011</b> )
*ART	2130_____ (3)	Art from 1400 to the Present ( <b>Gen Ed themes: Aes.: Traditions &amp; Innovations; LtoG: Empire, Colonialism, &amp; Globalization</b> )
IND	1010_____ (3)	CADD I: Imaging
IND	2012_____ (3)	Product Design
IND	2201_____ (3)	Design Drawing I
IND	2411_____ (3)	Introduction to Design Studio
*MAT	1020_____ (4)	College Algebra (or higher) ( <b>Gen Ed: Quantitative Literacy</b> )

Materials and Processes and History (18 sh)

IND	2120_____ (3)	Materials & Processes I
IND	3120_____ (3)	Materials & Processes II ( <b>Prerequisites: IND 2120, IND 2901</b> )
IND	2301_____ (3)	Model Making
IND	2311_____ (3)	Human Factors in Design
IND	2401_____ (3)	History of Furniture Design
INT	2310_____ (3)	History of Interior Design & Architecture II

Product Design Courses (37 sh)

GRA	3102_____ (3)	Electronic Imaging
IND	2901_____ (3)	CADD II: Free Modeling ( <b>Prerequisite: IND 1010 or instructor permission</b> )
IND	3701_____ (4)	Product Design Studio I ( <b>Prerequisites: GRA 3102, IND 2201, IND 2301, IND 2411, and Declared Major in Industrial Design</b> )
IND	3711_____ (4)	Product Design Studio II ( <b>Prerequisite: IND 3701</b> )
IND	3901_____ (3)	CADD III: Parametric Modeling ( <b>Prerequisites: IND 1010 and IND 2901 or instructor permission</b> )
IND	4557_____ (3)	Design for Manufacture ( <b>Prerequisite: IND 3701 or instructor permission</b> )
IND	4701_____ (5)	Product Design Studio III ( <b>Prerequisite: IND 3711</b> )
IND	4711_____ (5)	Product Design Studio IV ( <b>Prerequisite: IND 4701</b> )
IND	4811_____ (1)	Professional Practice in Industrial Design
TEC	4900_____ (6)	Internship (CAP)

Electives (9 sh) Chosen in consultation with IND advisor (see advisor for list of courses)

Recommended Electives

IND	2321_____ (3)	Physical Principles for Designers
IND	3911_____ (3)	Rapid Prototyping ( <b>Prerequisite: IND 2901</b> )
TEC	2116_____ (3)	Ceramic Technology
TEC	3039_____ (3)	Materials Science
International Studies and Foreign Language		

III. MINOR - NOT REQUIRED

IV. FREE ELECTIVES ..... 2  
*2 sh of free electives outside the major discipline are required.* 135

\*Note: MAT 1020 and ART 2130 taken for the major may count toward General Education. - up to 7  
 128