

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

**Checksheet for Technology Majors**  
**Industrial Design**  
**Furniture Design Concentration**

**I. GENERAL EDUCATION ..... 44 sh**

**II. MAJOR REQUIREMENT ..... 73 sh**

*A minimum grade of "C" (2.0) is required in each major course. 18 sh must be completed at Appalachian.*

Freshman entering this program are required to have a laptop computer.

**Note: Students must declare IND major before registering for 3000 level courses. Students must pass a review in the sophomore year to declare a Furniture Design major. Students lacking proficiency in word processing, spreadsheets, internet, and Email must take an introductory computer course.**

**Introductory Courses (28 sh)**

- ART 1011**\_\_\_\_(3) **Design Fundamentals I**
- ART 1012**\_\_\_\_(3) **Design Fundamentals II** (Prerequisite: ART 1011)
- \* **ART 2130**\_\_\_\_(3) **Art from 1400 to the Present** (Gen Ed themes: Aes.: Traditions & Innovations; LtoG: Empire, Colonialism, and Globalization)
- IND 1010**\_\_\_\_(3) **CADD I: Imaging**
- IND 2012**\_\_\_\_(3) **Product Design**
- IND 2201**\_\_\_\_(3) **Design Drawing I**
- IND 2401**\_\_\_\_(3) **History of Furniture Design**
- INT 2310**\_\_\_\_(3) **History of Interior Design & Arch. II**
- \* **MAT 1030**\_\_\_\_(4) **Calculus with Business Applications** (Prerequisite: MAT 1020 or 1025 or equivalent)

**Materials and Processes Courses (9 sh)**

- IND 2120**\_\_\_\_(3) **Materials and Processes I**
- IND 2311**\_\_\_\_(3) **Human Factors in Design**
- IND 3120**\_\_\_\_(3) **Materials and Processes II** (Prerequisites: IND 2120, IND 2901)

**Furniture Design Specialization Courses (36 sh)**

- GRA 3102**\_\_\_\_(3) **Electronic Imaging**
- IND 2901**\_\_\_\_(3) **CADD II: Free Modeling** (Prerequisite: IND 1010 or Instructor Permission)
- IND 3100**\_\_\_\_(3) **Furniture Styling and Detailing** (Prerequisites: GRA 3102, IND 1010, IND 2201, IND 2401)
- IND 3200**\_\_\_\_(3) **Furniture Construct & Upholstery** (Prerequisite: IND 3100)
- IND 3701**\_\_\_\_(4) **Product Design Studio I** (Prerequisites: GRA 3102, IND 2201, and Declared Major in Industrial Design) (Approval pending for this course as a Writing in the Discipline (WID))
- IND 3711**\_\_\_\_(4) **Product Design Studio II** (Prerequisite: IND 3701)
- IND 3901**\_\_\_\_(3) **CADD III: Parametric Modeling** (Prerequisites: IND 1010, IND 2901, or Instructor Permission)
- IND 4100**\_\_\_\_(4) **Furniture Design Studio I** (Prerequisites: GRA 3102, IND 2201, IND 3200, TEC 2120, TEC 3120, and Declared Major in Industrial Design)
- IND 4110**\_\_\_\_(4) **Furniture Design Studio II** (Prerequisite: IND 4100)
- IND 4811**\_\_\_\_(1) **Professional Practice in Industrial Design**
- TEC 4900**\_\_\_\_(4) **Internship (CAP)**

**III. MINOR REQUIRED IN MARKETING ..... 18**

**9 sh must be completed at Appalachian and an overall 2.0 is required.**

\* **ECO 2030** (Gen Ed theme: H&S: This American Life)

**IV. FREE ELECTIVES (TO TOTAL A MINIMUM OF 122 SH) ..... 2**

**2 sh of free electives outside the major discipline are required. 137**

\***Note: MAT 1030 and ART 2130 taken for the major and ECO 2030 taken for the minor -up to 10**

**may count toward General Education. 127**