

# **TECHNOLOGY STUDIES: Product Design - B.S. (124 cr)**

Keene State College

2007-2008 Catalog

## **INTEGRATIVE STUDIES PROGRAM REQUIREMENTS (44 cr)**

**Note:** Students must complete the **Thinking & Writing** requirement within their first two semesters and the **Quantitative Literacy** requirement within their first three semesters.

### **Foundations**

ITW: Thinking & Writing  \_\_\_\_\_

IQL: Quantitative Literacy  \_\_\_\_\_

### **Perspectives**

**NOTE:** Students may take only **one** course in any specific discipline within the **PERSPECTIVES** area. Disciplines are shown in **BOLD**, such as IAART.

**IA: Arts – IAART, IAMU, IATAD**

1 course:  \_\_\_\_\_

**IH: Humanities - IHCOMM, IHENG, IHFILM, IHFR, IHGER, IHHIST, IHJRN, IHML, IHPHIL, IHSP**

2 courses:  \_\_\_\_\_  \_\_\_\_\_

**IA/IH: 1 additional course in either IA or IH**

1 course:  \_\_\_\_\_

**IN: Natural Sciences – INASTR, INBIO, INCHEM, INGEOL, INMET, INPHYS**

2 courses:  \_\_\_\_\_  \_\_\_\_\_

**IS: Social Sciences – ISANTH, ISCJS, ISECON, ISGEOG, ISPOSC, ISPSYC, ISSOC, ISSOSC**

2 courses:  \_\_\_\_\_  \_\_\_\_\_

### **Interdisciplinary**

**II: Any course beginning with II**

1 course:  \_\_\_\_\_

**NOTE:** Courses fulfilling **PERSPECTIVES** and **INTERDISCIPLINARY** requirements may be at the 100-400 level. All students must complete a minimum of 24 credits at the 100-200 level and a minimum of 8 credits at the 300-400 level to complete the *Integrative Studies Program (ISP)*.

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## **MAJOR REQUIREMENTS (40 cr)**

**Product Design and Development Foundation: (16 cr)**

- TDS 101 Manufacturing Processes
- TDS 110 Electricity & Electronic Fundamentals
- TDS 152 Product Design I
- TDS 170 Intro to Woodworking Technology

**Product Design and Development Specialty: (12 cr)**

- TDS 153 Machine Tool Process
- TDS 252 Product Design II
- TDS 352 Product Design III

**Product Design and Development Electives: (8 cr)**

**Select at least two from the following:**

- TDS 121 Drafting & Design Fundamentals
- TDS 228 Computer Aided Drafting
- TDS 253 Materials of Manufacturing
- TDS 270 Woodworking Processes
- TDS 290 Special Topics (1-4 cr)
- TDS 298 Independent Study (1-4 cr)
- TDS 328 Three-Dimensional CAD
- TDS 452 Product Design IV
- TDS 490 Advanced Special Topics (1-4 cr)
- TDS 498 Independent Study

**Product Design and Development Capstone: (4 cr)**

- TDS 400 Manufacturing Enterprise

Note: Please see the catalog for COMPLETE program requirements. This sheet is for general advising purposes only.