

KEENE STATE COLLEGE
BACHELOR OF SCIENCE
TECHNOLOGY STUDIES
PRODUCT DESIGN AND DEVELOPMENT OPTION

It is the student's responsibility to follow the **official** requirements of the degree, found in the Keene State College catalog. This planning sheet is for advising purposes.

Name: _____ Student I.D.#: _____

Institution(s) Attended: _____ Credits: _____

_____ Update: _____ =

I. **GENERAL EDUCATION** 42 CREDITS

A. **English Language Competence:** ENG 101 is required of all students.

ENG 101: _____

B. **Arts & Humanities:** A minimum of five courses totaling at least 15 credits as follows:

One course in Literature _____

Any English course other than Eng. 101, 202, 203, 204, 205, 301, 302, 303, 310, 311, 382.

FR 340 or FR, GER or SP 498 (when topics focus on French, German or Spanish literature).

HIST _____ ART, COMM, FILM, MU or TAD _____

Two courses from Arts & Humanities disciplines: AMST, ART, COMM, ENG, FILM, FR, GER, HIST, JRN, ML, MU, PHIL, SP, TAD or an approved interdisciplinary course (designated IDAH).

C. **Social Sciences:** A minimum of four courses totaling at least 12 credits in **three** or more of the Social Science disciplines: ECON, GEOG, POSC, PSYC, SOC or an approved interdisciplinary course (designated IDSS).

D. **Sciences/Math:** A minimum of four courses totaling at least 12 credits as follows: One course in BIOLOGY. One course in a PHYSICAL SCIENCE (ASTR, CHEM, GEOL, MET, PHYS). Two courses from Sciences/Math disciplines: ASTR, BIO, CHEM, CS, ENST, GEOL, MATH, MET, PHYS or an approved interdisciplinary course (designated as IDSM).

BIO _____ _3_ PHYSICAL SCIENCE _____ _3_
_____ _3_ MATH 120: Inter. Alg & Trig _____ _3_

II. PRODUCT DESIGN AND DEVELOPMENT (39 credits)

TDS CORE (6 credits) {Select two of the following}

- TDS 100: Exploring Technology _____ 3
- TDS 140: Introduction to Visual Communication _____ 3
- TDS 181: Safety Awareness _____ 3

PRODUCT DESIGN & DEVELOPMENT FOUNDATION (12 credits)

- TDS 101: Manufacturing Processes _____ 3
- TDS 110 : Electricity and Electronic Fundamentals _____ 3
- TDS 152: Product Design I _____ 3
- TDS 252: Product Design II _____ 3

PRODUCT DESIGN & DEVELOPMENT ELECTIVES (18 credits)

In consultation with a TDS advisor, students select courses of career interest to form a technical concentration. Possible focus areas include: CAD/CAM, mechanical design, electro-mechanical technology, and product design. **Note: 12 credits must be 200 level or above.**

Choose from: TDS 113, 121, 153, 160, 170, 210, 212, 214, 217, 218, 222, 228, 251, 253, 257, 270, 290, 311, 312, 313, 320, 328, 352, 353, 410, 420, 421, 422, or 490.

	_____ <u>3</u>		_____ <u>3</u>
	_____ <u>3</u>		_____ <u>3</u>
	_____ <u>3</u>		_____ <u>3</u>

PRODUCT DESIGN & DEVELOPMENT CAPSTONE (3 credits) {Select one of the following}

- TDS 400: Manufacturing Enterprise _____ 3
- TDS 452: Product Design IV _____ 3

MINOR

Students are encouraged to complete a minor or an organized cluster of courses related to their career interest. Suggested areas are: Applied Computer Science, Management, Art and Occupational Safety.

III. ELECTIVES:

Pick additional courses of your choice to bring your total number of credits earned to 126.

If you wish to use transferred courses toward major/minor requirements you must use the Course Substitution Process. Come to the Academic and Career Advising Center for more information.

