

Industrial Design Technology

Degree Type

Associate of Science

This program is not currently accepting new students.

HTI's Industrial Design Technology degree program prepares you for an entry-level position in industrial design. You'll master design fundamentals with courses in drawing, 2D design, 3D design, engineering design, and manufacturing principles. Emphasis is placed on math and physical sciences, and English and social sciences broaden and improve communication skills. Graduates have the foundation to pursue a bachelor's degree or opportunities for life-long learning or professional development.

Do you have questions? Contact Susan Haas, department chair, at shaas@ccsnh.edu or 603-603-230-4000 x4113.

Career Information

Students who complete this program can enter into entry-level positions in the field of industrial design.

Admission Requirements

Apply for this program today on our [Admissions page](#) with step-by-step instructions and enrollment pathways build just for you!

Curriculum

First Year

Fall Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
ARET103C	Architectural Graphics and Sketching	2	2	3
ENGL101C	English Composition	4	0	4
MCET105C	Engineering Design	4	0	4
VRTS101C	Introduction to Drawing	2	4	4
Subtotal Credits		12	6	15

Spring Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
	Mathematics elective (MATH 124C or higher level)	4	0	4
MCET106C	Advanced CAD Modeling	2	2	3
VRTS103C	Two-Dimensional Design	2	3	3
VRTS104C	Three-Dimensional Design	2	3	3
	Science elective	3	0	3-4
Subtotal Credits		13-14	8-10	16-17

Second Year

Fall Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
	INDS 110C or VRTS 11C or VRTS 115C	3	0	3
INDS150C	Industrial Design Studio 1	3	3	4
INDS232C	Business of Design	3	0	3
MFET111C	Manufacturing and Materials Processing	3	3	4
	VRTS 193C or VRTS 195C	3	0	3
	Subtotal Credits	15	6	17

Spring Semester

Item #	Title	Lecture Hours	Lab Hours	Credits
	ENGL 120C/COMM 120C or COMM 125C/ ENGL 125C	3	0	3
INDS250C	Industrial Design Studio II	3	3	4
INDS242C	Manufacturing Techniques	3	0	3
	PSYC 105C or PSYC 225C	3	0	3
	Subtotal Credits	12	3	13
Total Credits			61-62	

Additional Information

Program Learning Outcomes

Graduates are able to:

- Employ design research that contributes to the definition and solution of design problems.
- Apply principles of engineering, basic science, math, and psychology to formulate creative design solutions for a given problem, creating rough and finished concept sketches assessing those concepts and selecting the most appropriate final design.
- Demonstrate proficient skills in sketching and rendering with appropriate media, technical drawing, 3-D physical and computer modeling, and prototyping.