

Faculty of Engineering and Architecture

Bachelor of Science in Industrial Design Engineering Technology

Campus: Courtray

Language of instruction: Dutch

Programme version 13

1 General Courses 60 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E631000 Introduction to CAD <i>Olivier Rysman -- Department of Industrial Systems Engineering and Product Design</i>	4		1	A:1	120
2	E610019 Materials <i>Geert De Clercq -- Department of Materials, Textiles and Chemical Engineering</i>	3		1	A:1	90
3	E610014 Electricity <i>Kurt Stockman -- Department of Electromechanical, Systems and Metal Engineering</i>	6		1	A:1	180
4	E610004 Mathematics I <i>Eric Laermans -- Department of Information Technology</i>	6		1	A:1	180
5	E610024 Introduction to Industrial Design <i>Jan Detand -- Department of Industrial Systems Engineering and Product Design</i>	7		1	A:1	210
6	E610013 Mechanics <i>Michael Monte -- Department of Electromechanical, Systems and Metal Engineering</i>	6		1	A:J	180
7	E610055 Electronics <i>Sam Lemey -- Department of Information Technology</i>	3		1	A:2	90
8	E610016 Physics <i>Michael Monte -- Department of Electromechanical, Systems and Metal Engineering</i>	6		1	A:2	180
9	E610005 Mathematics II <i>Pieter Audenaert -- Department of Information Technology</i>	6		1	A:2	180
10	E610070 Programming <i>Helga Naessens -- Department of Information Technology</i>	3		1	A:2	90
11	E610060 Basics Industrial Design <i>Lore Brosens -- Department of Industrial Systems Engineering and Product Design</i>	7		1	A:2	210
12	E610050 Industrial Design Project <i>Olivier Rysman -- Department of Industrial Systems Engineering and Product Design</i>	3		1	A:2	90

2 General Courses 117 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E623400 Materials and Energy	6		2		180
2	E620700 Design Tools II <i>Olivier Rysman -- Department of Industrial Systems Engineering and Product Design</i>	3		2	A:1	90
3	E620052 Mechanics of Materials <i>Michael Monte -- Department of Electromechanical, Systems and Metal Engineering</i>	3		2	A:1	90
4	E620070 Graphic Design Communication <i>Olivier Rysman -- Department of Industrial Systems Engineering and Product Design</i>	6		2	A:1	180
5	E620081 User-Centered Design	4		2		120
6	E620800 Project Engineering	9		2		270
7	E620900 Project User-Centered Design	9		2		270
8	E620048 Statistics <i>Eric Laermans -- Department of Information Technology</i>	3		2	A:2	90
9	E623500 Design for Sustainability	3		2		90

10	E620036	Advanced CAD <i>Olivier Rysman -- Department of Industrial Systems Engineering and Product Design</i>	6	2	A:2	180
11	E621000	Industrial Production	3	2		90
12	E620110	Emerging Technologies <i>Jelle Saldien -- Department of Industrial Systems Engineering and Product Design</i>	5	2	A:2	150
13	E628000	Innovation and Cocreation	6	3		180
14	E624500	Design for Sustainability	4	3		120
15	E622000	Constructive Design	5	3		150
16	E632000	Flexible Production Technologies	4	3		120
17	E624000	Quantitative Research Skills for Industrial Designers	5	3		150
18	E620702	Business Administration <i>Ludo Poelaert -- Department of Industrial Systems Engineering and Product Design</i>	3	3	A:2	90
19	E627000	Design for Sustainability Project	5	3		150
20	E623000	Product Realisation	5	3		150
21	E626000	Computational Design Strategies and Digital Production	5	3		150
22	E625000	Advanced Products, Interfaces and Technologies	6	3		180
23	E629000	Project Advanced Engineering	9	3		270

3 Elective Courses

3 credits

3 credit units elective courses, either as an internship or as a summer course programma, or from the study programmes of Ghent University (social courses or technical courses), including the [Ghent University Elective Courses](#).
Subject to approval by the faculty.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E099600 Industry Internship Engineering Technology [en, nl] <i>Patrick Segers -- Department of Electronics and Information Systems</i>	3		3	B:J	90
2	E670000 Summer Course [en, nl] <i>Steven Verstockt -- Department of Electronics and Information Systems</i>	3		3	A:1	90

Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2024-2025	f: annually, from 2025-2026	i: annually, from 2026-2027
b: tri-annually	d: bi-annually, from 2024-2025	g: bi-annually, from 2025-2026	j: bi-annually, from 2026-2027
	e: tri-annually, from 2024-2025	h: tri-annually, from 2025-2026	k: tri-annually, from 2026-2027