

Faculty of Engineering and Architecture

Bachelor of Science in Industrial Design Engineering Technology

Campus: Courtray

Language of instruction: Dutch

Programme version 12

## 1 General Courses 60 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	E610004 Mathematics I <i>Eric Laermans -- Department of Information Technology</i>	6		1	A:1	180
2	E610014 Electricity <i>Kurt Stockman -- Department of Electromechanical, Systems and Metal Engineering</i>	6		1	A:1	180
3	E610051 Design Tools <i>Olivier Rysman -- Department of Industrial Systems Engineering and Product Design</i>	4		1	A:1	120
4	E610019 Materials <i>Geert De Clercq -- Department of Materials, Textiles and Chemical Engineering</i>	3		1	A:1	90
5	E610020 Introduction Industrial Design <i>Jan Detand -- Department of Industrial Systems Engineering and Product Design</i>	6		1	A:1	180
6	E610013 Mechanics <i>Michael Monte -- Department of Electromechanical, Systems and Metal Engineering</i>	6		1	A:J	180
7	E610052 Engineering Project <i>Kurt Stockman -- Department of Electromechanical, Systems and Metal Engineering</i>	5		1	A:J	150
8	E610005 Mathematics II <i>Pieter Audenaert -- Department of Information Technology</i>	6		1	A:2	180
9	E610016 Physics <i>Michael Monte -- Department of Electromechanical, Systems and Metal Engineering</i>	6		1	A:2	180
10	E610053 Computer Science <i>Helga Naessens -- Department of Information Technology</i>	6		1	A:2	180
11	E610017 Basics Industrial Design <i>Jelle Saldien -- Department of Industrial Systems Engineering and Product Design</i>	6		1	A:2	180

## 2 General Courses 120 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	I610008 General Chemistry <i>Christophe Wille -- Department of Food Technology, Safety and Health</i>	6		2	A:1	180
2	E620600 Electrical Systems <i>Jos Knockaert -- Department of Electromechanical, Systems and Metal Engineering</i>	3		2	A:1	90
3	E620032 Applied Fluid Mechanics and Thermodynamics <i>Martijn van den Broek -- Department of Electronics and Information Systems</i>	6		2	A:1	180
4	E620052 Mechanics of Materials <i>Michael Monte -- Department of Electromechanical, Systems and Metal Engineering</i>	3		2	A:1	90
5	E620700 Design Tools II <i>Olivier Rysman -- Department of Industrial Systems Engineering and Product Design</i>	3		2	A:1	90
6	E620070 Graphic Design Communication <i>Olivier Rysman -- Department of Industrial Systems Engineering and Product Design</i>	6		2	A:1	180
7	E620080 Human-centered and Interaction Design <i>Bastiaan Baccarne -- Department of Industrial Systems Engineering and Product Design</i>	7		2	A:J	210
8	E610055 Electronics <i>Sam Lemey -- Department of Information Technology</i>	3		2	A:2	90

9	E620048	Statistics <i>Eric Laermans -- Department of Information Technology</i>	3	2	A:2	90
10	I610015	Introduction to the Circular Economy <i>Diederik Rousseau -- Department of Green Chemistry and Technology</i>	3	2	A:2	90
11	E620066	Industrial Production <i>Patrick De Baets -- Department of Electromechanical, Systems and Metal Engineering</i>	6	2	A:2	180
12	E620036	Advanced CAD <i>Olivier Rysman -- Department of Industrial Systems Engineering and Product Design</i>	6	2	A:2	180
13	E620110	Emerging Technologies <i>Jelle Saldien -- Department of Industrial Systems Engineering and Product Design</i>	5	2	A:2	150
14	E640093	CAE Oriented Design <i>Michael Monte -- Department of Electromechanical, Systems and Metal Engineering</i>	6	3	A:1	180
15	E630110	Design for Advanced Production Methods and Environments <i>Davy Parmentier -- Department of Industrial Systems Engineering and Product Design</i>	9	3	A:1	240
16	E640990	Research Methodology for Industrial Design <i>Bastiaan Baccarne -- Department of Industrial Systems Engineering and Product Design</i>	6	3	B:1	180
17	E630130	History and Industrial Design <i>Francesca Ostuzzi -- Department of Industrial Systems Engineering and Product Design</i>	6	3	A:1	180
18	E630095	Co-Creation [en, nl] <i>Jan Detand -- Department of Industrial Systems Engineering and Product Design</i>	6	UKV 3	A:J	180
19	E620702	Business Administration <i>Ludo Poelaert -- Department of Industrial Systems Engineering and Product Design</i>	3	3	A:2	90
20	E630067	Material and Process Oriented Industrial Design <i>Jan Detand -- Department of Industrial Systems Engineering and Product Design</i>	6	3	A:2	180
21	E630058	Designing in a Cybernetical and System-Oriented Way [en] <i>Francesca Ostuzzi -- Department of Industrial Systems Engineering and Product Design</i>	6	3	A:2	180
22	E630120	Innovative and Strategic Design <i>Jan Detand -- Department of Industrial Systems Engineering and Product Design</i>	6	3	A:2	180
23	E640440	Design Research and Academic Writing [en, nl] <i>Davy Parmentier -- Department of Industrial Systems Engineering and Product Design</i>	6	3	A:2	180

#### 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