

Study Programme

Academic year 2022-2023

Faculty of Engineering and Architecture

Bachelor of Science in Industrial Design Engineering Technology

Campus: Courtray

Language of instruction: Dutch

Programme version 12

	General	Courses			60	credits
۱r	Course		CRDT	Ref MT1	Session	Study
	E610004	Mathematics I Eric Laermans Department of Information Technology	6	1	A:1	180
	E610014	Electricity Kurt Stockman Department of Electromechanical, Systems and Metal Engineering	6	1	A:1	180
3	E610051	Design Tools Olivier Rysman Department of Industrial Systems Engineering and Product Design	4	1	A:1	120
ļ	E610019	Materials Geert De Clercq Department of Materials, Textiles and Chemical Engineering	3	1	A:1	90
5	E610020	Introduction Industrial Design Jan Detand Department of Industrial Systems Engineering and Product Design	6	1	A:1	180
6	E610013	Mechanics Michael Monte Department of Electromechanical, Systems and Metal Engineering	6	1	A:J	180
•	E610052	Engineering Project Kurt Stockman Department of Electromechanical, Systems and Metal Engineering	5	1	A:J	150
}	E610005	Mathematics II Pieter Audenaert Department of Information Technology	6	1	A:2	180
)	E610016	Physics Michael Monte Department of Electromechanical, Systems and Metal Engineering	6	1	A:2	180
0	E610053	Computer Science Jan Devos Department of Industrial Systems Engineering and Product Design	6	1	A:2	180
1	E610017	Basics Industrial Design Jelle Saldien Department of Industrial Systems Engineering and Product Design	6	1	A:2	180
2	General	Courses			120	credits
۱r	Course		CRDT	Ref MT1	Session	Study
	l610008	General Chemistry Christophe Wille Department of Food Technology, Safety and Health	6	2	A:1	180
2	E620600	Electrical Systems Jos Knockaert Department of Electromechanical, Systems and Metal Engineering	3	2	A:1	90
3	E620032	Applied Fluid Mechanics and Thermodynamics Martijn van den Broek Department of Electronics and Information Systems	6	2	A:1	180
-	E620052	Mechanics of Materials Michael Monte Department of Electromechanical, Systems and Metal Engineering	3	2	A:1	90
;	E620700	Design Tools II Olivier Rysman Department of Industrial Systems Engineering and Product Design	3	2	A:1	90
;	E620070	Graphic Design Communication Olivier Rysman Department of Industrial Systems Engineering and Product Design	6	2	A:1	180
	E620080	Human-centered and Interaction Design Bastiaan Baccarne Department of Industrial Systems Engineering and Product Design	7	2	A:J	210
						90

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9 E620048	Statistics Eric Laermans Department of Information Technology	3		2	A:2	90
10 1610015	Introduction to the Circular Economy Diederik Rousseau Department of Green Chemistry and Technology	3		2	A:2	90
11 E620066	Industrial Production Patrick De Baets Department of Electromechanical, Systems and Metal Engineering	6		2	A:2	180
12 E620036	Advanced CAD Olivier Rysman Department of Industrial Systems Engineering and Product Design	6		2	A:2	180
13 E620110	Emerging Technologies Jelle Saldien Department of Industrial Systems Engineering and Product Design	5		2	A:2	150
14 E640093	CAE Oriented Design Michael Monte Department of Electromechanical, Systems and Metal Engineering	6		3	A:1	180
15 E630110	Design for Advanced Production Methods and Environments [nl, en] Davy Parmentier Department of Industrial Systems Engineering and Product Design	9		3	A:1	240
16 E640990	Research Methodology for Industrial Design Bastiaan Baccarne Department of Industrial Systems Engineering and Product Design	6		3	B:1	180
17 E630130	History and Industrial Design [en, nl] Francesca Ostuzzi Department of Industrial Systems Engineering and Product Design	6		3	A:1	180
18 E630095	Co-Creation [en, nl] Jan Detand Department of Industrial Systems Engineering and Product Design	6	UKV	3	A:J	180
19 E620702	Business Administration Ludo Poelaert Department of Industrial Systems Engineering and Product Design	3		3	A:2	90
20 E630067	Material and Process Oriented Industrial Design Jan Detand Department of Industrial Systems Engineering and Product Design	6		3	A:2	180
21 E630058	Designing in a Cybernetical and System-Oriented Way [en] Jan Detand Department of Industrial Systems Engineering and Product Design	6		3	A:2	180
22 E630120	Innovative and Strategic Design Jan Devos Department of Industrial Systems Engineering and Product Design	6		3	A:2	180
23 E640440	Design Research and Academic Writing [en, nl] Davy Parmentier Department of Industrial Systems Engineering and Product Design	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 cours name, using the following ISO codes:

bg: Bulgarian de: German es: Spanish ja: Japanese pl: Polish sh: Kroatian/Serbian zh: Chinese

pt: Portuguese cs: Czech el: Greek fr: French nl: Dutch sl: Slovene it: Italian ru: Russian da: Danish en: English no: Norwegian 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 in not offered this year in the specific offering.

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

c: annually, from 2023-2024 f: annually, from 2024-2025 i: annually, from 2025-2026 a: bi-annually g: bi-annually, from 2024-2025 j: bi-annually, from 2025-2026 b: tri-annually d: bi-annually, from 2023-2024 h: tri-annually, from 2024-2025 e: tri-annually, from 2023-2024 k: tri-annually, from 2025-2026

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