

Licence: Mechanical Construction | for Semesters 5 and 6:

Semester 5

Teaching Unit	Subjects	Credits	Coefficient	Weekly Hours	Semester Hours (15 weeks)	Additional Consultation Work	Evaluation Mode
Core Unit (UEF 3.1.1)	Analytical Mechanics	6	3	3h (lecture) / 1.5h (tutorial)	67.5h	82.5h	40% Continuous / 60% Exam
	Mechanical Construction 1	4	2	1.5h (lecture) / 1.5h (tutorial)	45h	55h	40% / 60%
Core Unit (UEF 3.1.2)	Strength of Materials 2	4	2	1.5h / 1.5h	45h	55h	40% / 60%
	Elasticity	4	2	1.5h / 1.5h	45h	55h	40% / 60%
Methodological Unit (UEM 3.1)	Technical Drawing	4	2	3h	45h	55h	100% Continuous
	Computer-Aided Design and Manufacturing	4	2	3h	45h	55h	100%
	Metrology Lab	1	1	1h (lab)	15h	10h	100%
Exploratory Unit (UED 3.1)	Automation and Control	1	1	1.5h	22.5h	2.5h	100%
	Maintenance	1	1	1.5h	22.5h	2.5h	100%
Cross-Disciplinary Unit (UET 3.1)	Environment and Sustainable Development	1	1	1.5h	22.5h	2.5h	100%

Total for Semester 5:**Credits:** 30 | **Coefficient:** 17 | **Total Weekly Hours:** 12h (Lecture) / 6h (Tutorial) / 7h (Lab)**Semester Hours:** 375h (Class) + 375h (Consultation)**■ Semester 6**

Teaching Unit	Subjects	Credits	Coefficient	Weekly Hours	Semester Hours (15 weeks)	Additional Consultation Work	Evaluation Mode
Core Unit (UEF 3.2.1)	Mechanical Construction 2	6	3	3h (lecture) / 1.5h (tutorial)	67.5h	82.5h	40% / 60%
	Mechanism Theory	4	2	1.5h / 1.5h	45h	55h	40% / 60%
Core Unit (UEF 3.2.2)	Heat Transfer	4	2	1.5h / 1.5h	45h	55h	40% / 60%
	Structural Dynamics	4	2	1.5h / 1.5h	45h	55h	40% / 60%
Methodological Unit (UEM 3.2)	Final Year Project	4	2	3h	45h	55h	100%
	Internal Combustion Engine	4	2	1.5h / 1.5h	45h	55h	40% / 60%
	Heat Transfer Lab	1	1	1h	15h	10h	100%
Exploratory Unit (UED 3.2)	Hydraulic and Pneumatic Systems	1	1	1.5h	22.5h	2.5h	100%
	Non-metallic Materials	1	1	1.5h	22.5h	2.5h	100%
Cross-Disciplinary Unit (UET 3.2)	Professional Project and Business Management	1	1	1.5h	22.5h	2.5h	100%

Total for Semester 6:

Credits: 30 | **Coefficient:** 17 | **Total Weekly Hours:** 13.5h (Lecture) / 7.5h (Tutorial) / 4h (Lab)

Semester Hours: 375h (Class) + 375h (Consultation)

Note:

The evaluation methods presented are indicative; the teaching staff may apply different weightings.