

MECHANICAL ENGINEERING

Module 1: PRODUCTION ENGINEERING

No.	Course Title	I Semester	II Semester	ECTS
1	Research Methods and Science Communication	2+2		6
2	Computer-Integrated Manufacturing	3+3		8
3	Manufacturing Information Systems	3+3		7
4	Elective Course 1	2+2		6
4.1	Project Management			
4.2	Transportation Systems			
5	Product Design		2+2	7
6	Informatics Research Methodology		4+4	7
7	Elective Course 2		3+3	7
7.1	Machinery and Equipment Maintenance			
7.2	Unconventional Processing Methods			
8	Professional Practice (60 classes)			4
9	Specialist Thesis			8
Total Class Load (lectures + practicals)			20+20	
Total Number of ECTS Credits				60

Module 2: THERMOTECHNICS

No.	Course Title	I Semester	II Semester	ECTS
1	Research Methods and Science Communication	2+2		6
2	Computer-Integrated Manufacturing	3+3		8
3	Manufacturing Information Systems	3+3		7
4	Elective Course 1	2+2		6
4.1	Application of Renewable Energy Sources			
4.2	Pressurised Plants and Installations			
5	Power Plant Dynamics		2+2	6
6	Informatics Research Methodology		4+4	7
7	Elective Course 2		3+3	7
7.1	Drying Facilities			
7.2	Air Conditioning, Heating, Cooling and Ventilation Systems			
8	Professional Practice (60 classes)			4
9	Specialist Thesis			8
Total Class Load (lectures + practicals)			20+20	

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Total Number of ECTS Credits	60
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