

Semester 1:

Teaching Unit UE	Course (h)	Tutorials (h)	Laboratory works (h)	Total (h) /week	Coeff	Credits	Continuous assignment	Final Exam
Fundamental Teaching Unit								
UEF1.1.1 Mathematics 1	06h00	04h30	00h00	10h30	13	13		
Analysis 1	03h00	01h30		04h30	5	5	40%	60%
Algebra 1	01h30	01h30		03h00	4	4	40%	60%
Probability and statistics	01h30	01h30		03h00	4	4	40%	60%
UEF1.1.2 Physics sciences 1	04h30	03h00	02h00	09h30	9	9		
Physics 1	03h00	01h30	01h00	05h30	5	5	40% (20% Tut+20% Lab)	60%
Chemistry 1	01h30	01h30	01h00	04h00	4	4	40% (20% Tut+20% Lab)	60%
Methodology Teaching Unit								
UEM1.1.1 Engineering tools 1	01h30	03h00	02h30	07h00	6	6		
Introduction to Programming	01h30	01h30	01h00	04h00	4	4	40% (20% Tut+20% Lab)	60%
Technical Drawing		01h30		01h30	1	1	40%	60%
Free and Open-Source Software			01h30	01h30	1	1	100%	
Cross-Disciplinary Teaching Unit								
UET1.1.1 Human sciences and languages 1	01h30	01h30	00h00	03h00	2	2		
Business Economics and Entrepreneurship	01h30			01h30	1	1		100%
English 1		01h30		01h30	1	1	40%	60%
Total (h)/week	13h30	12h00	04h30	30h00				
Total / Semester (15 weeks)	202h30	180h00	67h30	450h00	30	30		

Semester 2:

Teaching Unit UE	Course (h)	Tutorials (h)	Laboratory works (h)	Total (h) /week	Coeff	Credits	Continuous assignment	Final Exam
Fundamental Teaching Unit								
UEF1.2.1 Mathematics 2	06h00	04h30	00h00	10h30	13	13		
Analysis 2	03h00	01h30		04h30	5	5	40%	60%
Algebra 2	01h30	01h30		03h00	4	4	40%	60%
Probability	01h30	01h30		03h00	4	4	40%	60%
UEF1.2.2 Physics sciences 2	04h30	03h00	02h00	09h30	9	9		
Physics 2	03h00	01h30	01h00	05h30	5	5	40% (20% Tut+20% Lab)	60%
Chemistry 2	01h30	01h30	01h00	04h00	4	4	40% (20% Tut+20% Lab)	60%
Methodology Teaching Unit								
UEM1.2.1 Engineering tools 2	01h30	01h30	04h00	07h00	6	6		
Algorithms and data structures	01h30	01h30	01h00	04h00	4	4	40% (20% Tut+20% Lab)	60%
Computer Aided Design			01h30	01h30	1	1	100%	
Linux Operating System Fundamentals			01h30	01h30	1	1	100%	
Cross-Disciplinary Teaching Unit								
UET1.2.1 Human sciences and languages 2	01h30	01h30	00h00	03h00	2	2		
Human Engineering	01h30			01h30	1	1		100%
English 2		01h30		01h30	1	1	40%	60%
Total (h)/week	13h30	10h30	06h00	30h00				
Total / Semester (15 weeks)	202h30	157h30	90h00	450h00	30	30		

Semester 3:

Teaching Unit UE	Course (h)	Tutorials (h)	Laboratory works (h)	Total (h) /week	Coeff	Credits	Continuous assignment	Final Exam
Fundamental Teaching Unit								
UEF2.1.1 Mathematics 3	03h00	03h00	00h30	06h30	6	6		
Analysis 3	01h30	01h30		03h00	3	3	40%	60%
Numerical Analysis 1	01h30	01h30	00h30	03h30	3	3	40% (20% Tut+20% Lab)	60%
UEF2.1.2 Physics sciences 3	03h00	03h00	01h00	07h00	7	7		
Physics 3	01h30	01h30	00h30	03h30	4	4	40% (20% Tut+20% Lab)	60%
Chemistry 3	01h30	01h30	00h30	03h30	3	3	40% (20% Tut+20% Lab)	60%
UEF2.1.3 Engineering sciences 1	04h30	04h30	01h00	10h00	10	10		
Mechanics of Rigid bodies 1	01h30	01h30		03h00	3	3		
General Electricity	01h30	01h30	00h30	03h30	4	4	40% (20% Tut+20% Lab)	60%
Fluid Mechanics	01h30	01h30	00h30	03h30	3	3	40% (20% Tut+20% Lab)	60%
Methodology Teaching Unit								
UEM2.1.1 Engineering tools 3	01h30	01h30	00h30	03h30	3	3		
Advanced Data Structures and Algorithms	01h30	01h30	00h30	03h30	3	3	40% (20% Tut+20% Lab)	60%
Discovery Teaching Unit								
UED2.1.1 Engineering	01h30	01h30	00h30	03h30	3	3		
Digital Logic and Combinational Circuits	01h30	01h30	00h30	03h30	3	3	40% (20% Tut+20% Lab)	60%
Cross-Disciplinary Teaching Unit								
UET2.2.1 Human sciences	01h30	00h00	00h00	01h30	1	1		
Information, Expression, and Communication Techniques	01h30			01h30	1	1		100%
Total (h)/week	15h00	13h30	03h30	32h00				
Total / Semester (15 weeks)	225h00	202h30	52h30	480h00	30	30		

Semester 4:

Teaching Unit UE	Course (h)	Tutorials (h)	Laboratory works (h)	Total (h) /week	Coeff	Credits	Continuous assignment	Final Exam
Fundamental Teaching Unit								
UEF2.2.1 Mathematics 4	03h00	03h00	00h30	06h30	6	6		
Analysis 4	01h30	01h30		03h00	3	3	40%	60%
Numerical Analysis 2	01h30	01h30	00h30	03h30	3	3	40% (20% Tut+20% Lab)	60%
UEF2.2.2 Physics sciences 4	03h00	03h00	01h00	07h00	7	7		
Physics 4	01h30	01h30	00h30	03h30	4	4	40% (20% Tut+20% Lab)	60%
Chemistry 4	01h30	01h30	00h30	03h30	3	3	40% (20% Tut+20% Lab)	60%
UEF2.2.3 Engineering sciences 2	04h30	04h30	01h00	10h00	10	10		
Mechanics of Rigid bodies 2	01h30	01h30		03h00	3	3		
General Electronics	01h30	01h30	00h30	03h30	4	4	40% (20% Tut+20% Lab)	60%
Strength of materials	01h30	01h30	00h30	03h30	3	3	40% (20% Tut+20% Lab)	60%
Methodology Teaching Unit								
UEM2.2.1 Engineering tools 3	01h30	01h30	00h30	03h30	3	3		
Object-Oriented Programming	01h30	01h30	00h30	03h30	3	3	40% (20% Tut+20% Lab)	60%
Discovery Teaching Unit								
UED2.2.1 Engineering	01h30	01h30	00h30	03h30	3	3		
Digital Systems and Sequential Circuits	01h30	01h30	00h30	03h30	3	3	40% Lab (20% Tut+20% Lab)	60%
Cross-Disciplinary Teaching Unit								
UET2.2.1 Human sciences	01h30	00h00	00h00	01h30	1	1		
Ethics and deontology	01h30				1	1		100%
Total (h)/week	15h00	13h30	03h30	32h00				
Total / Semester (15 weeks)	225h00	202h30	52h30	480h00	30	30		