

Semester 1

| Unit teaching | Materials | Credits | Coefficient | Hourly volume weekly | | | Volume Hourly Biannual (15 weeks) | Work Complementary in consultation (15 weeks) | Assessment method | |
|---|---|-----------|-------------|----------------------|------------------|------------------|-----------------------------------|---|--------------------|------|
| | Titled | | | Course | TD | TP | | | Control Continuous | Exam |
| Fundamental EU Code: UEF 1.1 Credits: 18 Coefficients: 9 | Mathematics 1 | 6 | 3 | 3h00 | 1h30 | | 67h30 | 82h30 | 40% | 60% |
| | Physics 1 | 6 | 3 | 3h00 | 1h30 | | 67h30 | 82h30 | 40% | 60% |
| | Structure of matter | 6 | 3 | 3h00 | 1h30 | | 67h30 | 82h30 | 40% | 60% |
| Methodological EU Code: UEM 1.1 Credits: 9 Coefficients: 5 | Physics 1 Practical Work | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | Chemistry 1 practical work | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | Computer Science 1 | 4 | 2 | 1h30 | | 1h30 | 45h00 | 55h00 | 40% | 60% |
| | Writing methodology | 1 | 1 | 1h00 | | | 3:00 p.m. | 10:00 a.m. | | 100% |
| EU Discovery Code: UED 1.1 Credits: 1 Coefficients: 1 | Careers in Science and Technologies 1 | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| E Transversal Code: UET 1.1 Credits: 2 Coefficients: 2 | Ethical and deontological dimension (the foundations) | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| | Foreign language 1 (French or English) | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Total semester 1 | | 30 | 17 | 4:00 p.m. | 4:30 a.m. | 4:30 a.m. | 375 hours | 375 hours | | |

Semester 2

| Teaching unit | Materials | Credits | | Weekly hourly volume | | | Volume Hourly Biannual (15 weeks) | Work Complementary in Consultation (15 weeks) | Assessment method | |
|---|---|-----------|-----------|----------------------|------------------|------------------|--|--|-----------------------|------|
| | Titled | | | Course | TP | | | | Control Continuous | Exam |
| Fundamental EU Code: UEF 1.2 Credits: 18 Coefficients: 9 | Mathematics 2 | 6 | 3 3h00 | 1h30 | | | 67h30 | 82h30 | 40% | 60% |
| | Physics 2 | 6 | 3 3h00 | 1h30 | | | 67h30 | 82h30 | 40% | 60% |
| | Thermodynamics | 6 | 3 3h00 | 1h30 | | | 67h30 | 82h30 | 40% | 60% |
| Methodological EU Code: UEM 1.2 Credits: 9 Coefficients: 5 | Physics 2 Practical Work | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | Chemistry 2 practical work | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | Computer Science 2 | 4 | 2 | 1h30 | | 1h30 | 45h00 | 55h00 | 40% | 60% |
| | Presentation methodology | 1 | 1 | 1h00 | | | 3:00 p.m. | 10:00 a.m. | | 100% |
| EU Discovery Code: UED 1.2 Credits: 1 Coefficients: 1 | Careers in Science and Technologies 2 | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Transversal EU Code: UET 1.2 Credits: 2 Coefficients: 2 | Foreign language 2 (French and/or English) | 2 | 2 | 3h00 | | | 45h00 | 5:00 a.m. | | 100% |
| Total semester 2 | | 30 | 17 | 4:00 p.m. | 4:30 a.m. | 4:30 a.m. | 375 hours | 375 hours | | |

Semester 3

| Teaching unit | Materials | Credits | Coefficient | Weekly hourly volume | | | Volume Hourly Biannual (15 weeks) | Work Complementary in Consultation (15 weeks) | Assessment method | |
|---|--|-----------|-------------|----------------------|------------------|------------------|-----------------------------------|---|--------------------|------|
| | Titled | | | Course | TD | TP | | | Control Continuous | Exam |
| Fundamental EU Code: UEF 2.1.1 Credits: 10 Coefficients: 5 | Mathematics 3 | 6 | 3 | 3h00 | 1h30 | | 67h30 | 82h30 | 40% | 60% |
| | Waves and vibrations | 4 | 2 | 1h30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| Fundamental EU Code: UEF 2.1.2 Credits: 8 Coefficients: 4 | Fundamental Electronics 1 | 4 | 2 | 1h30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| | Fundamental Electrical Engineering 1 | 4 | 2 | 1h30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| Methodological EU Code: UEM 2.1 Credits: 9 Coefficients: 5 | Probability and statistics | 4 | 2 | 1h30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| | Computer Science 3 | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | Practical work in Electronics and Electrical Engineering | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | TP Waves and vibrations | 1 | 1 | | | 1 hour | 3:00 p.m. | 10:00 a.m. | 100% | |
| EU Discovery Code: UED 2.1 Credits: 2 Coefficients: 2 | State of the art of electrical engineering | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| | Energy and environment | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Transversal EU Code: UET 2.1 Credits: 1 Coefficients: 1 | Technical English | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Total semester 3 | | 30 | 17 | 1:30 p.m. | 7:30 a.m. | 4:00 a.m. | 375 hours | 375 hours | | |

Semester 4

| Teaching unit | Materials | Credits | Coefficient | Hourly volume weekly | | | Volume Hourly Biannual (15 weeks) | Work Complementary in consultation (15 weeks) | Assessment method | |
|---|---|-----------|-------------|------------------------------------|------|--------|-----------------------------------|---|--------------------|------|
| | Titled | | | Course | TD | TP | | | Control Continuous | Exam |
| Fundamental EU Code: UEF 2.2.1 Credits: 10 Coefficients: 5 | Fundamental Electrical Engineering 2 | 6 | 3 | 3:00 a.m. to 1:30 a.m. | | | 67h30 | 82h30 | 40% | 60% |
| | Combinatorial logic and sequential | 4 | 2 | 1h30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| Fundamental EU Code: UEF 2.2.2 Credits: 8 Coefficients: 4 | Numerical methods | 4 | 2 | 1h30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| | Signal theory | 4 | 2 | 1h30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| Methodological EU Code: UEM 2.2 Credits: 9 Coefficients: 5 | Electrical measurements and electronics | 3 | 2 | 1h30 | | 1 hour | 37h30 | 37h30 | 40% | 60% |
| | Fundamental Electrotechnical Practical Work 2 | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | Practical work on combinatorial logic and sequential | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | Numerical Methods Practical Work | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| EU Discovery Code: UED 2.2 Credits: 2 Coefficients: 2 | Production of electrical energy | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| | Electrical safety | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Transversal EU Code: UET 2.2 Credits: 1 Coefficients: 1 | Techniques of expression, information and communication | 1 | 1 | 1h30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Total semester 4 | | 30 | 17 | 30 p.m. 6:00 a.m. 5:30 a.m. | | | 375 hours | 375 hours | | |

Semester 5

| Teaching unit | Materials | Credits | | Weekly hourly volume | | | Volume Hourly Biannual (15 weeks) | Work Complementary in Consultation (15 weeks) | Assessment method | | |
|---|------------------------------------|---------|----|----------------------|----|-----------|--|--|-------------------|-----------------------|------|
| | Titled | | | Course | TD | TP | | | | Control Continuous | Exam |
| Fundamental EU Code: UEF 3.1.1 Credits: 10 Coefficients: 5 | Electrical Networks | 6 | 3 | 3h | 00 | 1h30 | | 67h30 | 82h30 | 40% | 60% |
| | Electronics of Power | 4 | 2 | 1h | 30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| Fundamental EU Code: UEF 3.1.2 Credits: 8 Coefficients: 4 | Servo Systems | 4 | 2 | 1h | 30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| | Field Theory Electromagnetic | 4 | 2 | 1h | 30 | 1h30 | | 45h00 | 55h00 | 40% | 60% |
| Methodological EU Code: UEM 3.1 Credits: 9 Coefficients: 5 | Diagrams and Equipment electric | 3 | 2 | 1h | 30 | | 1 hour | 37h30 | 37h30 | 40% | 60% |
| | Electrical Networks TP | 2 | 1 | | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | Electronics TP of Power | 2 | 1 | | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | TP Servo Systems / TP sensors | 2 | 1 | | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| EU Discovery Code: UED 3.1 Credits: 2 Coefficients: 2 | Sensors and Metrology | 1 | 1 | 1h | 30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| | Electrical systems design | 1 | 1 | 1h | 30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Transversal EU Code: UET 3.1 Credits: 1 Coefficients: 1 | Simulation software | 1 | 1 | 1h | 30 | | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Total semester 5 | | 30 | 17 | 1 | 30 | p.m. 6:00 | a.m. 5:30 | a.m. | 375 hours | 375 hours | |

Semester 6

| Teaching unit | Materials | Credits | | Weekly hourly volume | | | Volume Hourly Biannual (15 weeks) | Work Complementary in Consultation (15 weeks) | Assessment method | |
|---|--|-----------|-----------|----------------------|-------------|-------------|-----------------------------------|---|--------------------|------|
| | Titled | | | Course | TD | TP | | | Control Continuous | Exam |
| Fundamental EU Code: UEF 3.2.1 Credits: 10 Coefficients: 5 | Machine control electric | 6 | 3 | 3h | 00 | 1h30 | 67h30 | 82h30 | 40% | 60% |
| | Industrial regulation | 4 | 2 | 1h | 30 | 1h30 | 45h00 | 55h00 | 40% | 60% |
| Fundamental EU Code: UEF 3.2.2 Credits: 8 Coefficients: 4 | Industrial Automation | 4 | 2 | 1h | 30 | 1h30 | 45h00 | 55h00 | 40% | 60% |
| | Materials and Introduction to High Voltage | 4 | 2 | 1h | 30 | 1h30 | 45h00 | 55h00 | 40% | 60% |
| Methodological EU Code: UEM 3.2 Credits: 9 Coefficients: 5 | End of Cycle Project | 4 | 2 | | | 3:00 a.m. | 45h00 | 55h00 | 100% | |
| | Machine control TP | 1 | 1 | | | 1 hour | 3:00 p.m. | 10:00 a.m. | 100% | |
| | TP Regulation Industrial | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| | Automation TP/TP Materials and HT | 2 | 1 | | | 1h30 | 10:30 p.m. | 27:30 | 100% | |
| EU Discovery Code: UED 3.2 Credits: 2 Coefficients: 2 | Network protection electric | 1 | 1 | 1h | 30 | | 10:30 p.m. | 2:30 a.m. | | 100% |
| | Industrial Maintenance | 1 | 1 | 1h | 30 | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Transversal EU Code: UET 3.2 Credits: 1 Coefficients: 1 | Entrepreneurship and business management | 1 | 1 | 1h | 30 | | 10:30 p.m. | 2:30 a.m. | | 100% |
| Total semester 6 | | 30 | 17 | 12:00 | 6:00 | 7:00 | 375 hours | 375 hours | | |