

**BACHELOR'S DEGREE IN INDUSTRIAL MANAGEMENT
ENGINEERING****1st Year**

| Code | Course | Credits ECTS | Semester |
|--|---|-----------------|----------|
| 6200 | Calculus | 6 | Fall |
| 6201 | Physics I | 6 | Fall |
|   6202 | Engineering Graphics I | 6 | Fall |
| 6203 | Basic Computing | 6 | Fall |
|   6204 | Chemistry | 6 | Fall |
| 6205 | Algebra & Differential Equations | 6 | Spring |
| 6206 | Physics II | 6 | Spring |
| 6207 | Extended Calculus & Geometry | 6 | Spring |
|   6208 | Introduction to Business and Entrepreneurship | 6 | Spring |
|   6209 | Engineering Materials | 6 | Spring |

2nd Year

| Code | Course | Credits ECTS | Semester |
|--|--|-----------------|----------|
|   6210 | Automation & Industrial Control | 6 | Fall |
| 6211 | Production Management | 6 | Fall |
|   6212 | Mechanics of Materials | 6 | Fall |
|   6213 | Fundamentals of Electrical Engineering | 6 | Fall |
|   6214 | Fluid Mechanics | 6 | Fall |
| 6215 | Graphic Expression II | 6 | Spring |
| 6216 | Statistics & Numerical Calculus | 6 | Spring |
|   6217 | Engineering Thermodynamics | 6 | Spring |
| 6218 | Mechanisms | 6 | Spring |
| 6219 | Fundamentals of Electronics | 6 | Spring |

3rd Year

| Code | Course | Credits ECTS | Semester |
|--|--|-----------------|----------|
|  6220 | Quantitative Methods I | 6 | Fall |
|   6221 | Human Resources Management and Work Organization | 6 | Fall |
| 6222 | Industrial Marketing | 6 | Fall |
| 6223 | Enterprise Strategy and Policy | 6 | Fall |
| 6224 | Production and Manufacturing Systems | 6 | Fall |
|  6225 | Quantitative Methods II | 6 | Spring |
|   6226 | Quality | 6 | Spring |
|   6227 | Financial Engineering | 6 | Spring |
|   6228 | Design, Planning and Control of Production Systems | 6 | Spring |
|  6229 | Environment and Renewable Energies | 6 | Spring |

4th Year



| Code | Course | Credits ECTS | Semester |
|--|---|--------------|-------------|
| 6230 | Technical Office | 6 | Fall |
| 6231 | Industrial Complexes and Projects | 6 | Fall |
| 6232 | Maintenance Management | 6 | Fall |
| 6238 | Logistics | 6 | Spring |
|   6233 | Electric Technology | 6 | Fall |
|  8508 | Energy Technology | 6 | Fall |
| 6235 | Mechanics Technology | 6 | Fall |
| 6236 | Industrial Applications to Electronic Systems | 6 | Fall |
|   6237 | Safety and Health at Work | 6 | Fall |
|  6240 | External Internships | 6 | Fall/Spring |
|  6239 | Final Degree's Project | 24 | Spring |

IMPORTANT INFORMATION

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|  English taught course |
|  English Friendly Courses. |
| <ul style="list-style-type: none">• Fall Semester = 1º Semester• Spring Semester= 2º Semester |
| Elective courses require a minimum of students and could change the semester |
| Final Degree Dissertation and Internships may need special requirements |