

|  |
| --- |
| **Course catalogue****State University of Applied Sciences in Krosno****Field of study (ENG/PL):Automatics and Robotics/ Automatyka i robotyka** **Academic year 2023/2024,** **Semester: spring** |
| **Name of course** | **Semester** | **ECTS** | **Form of class** | **Language** | **Exam** |
| **YEAR I** |
| Foreign language | Spring(1st Year) | 2 | Lectorate (30h) | PL/Eng | No |
| Physical education | Spring(1st Year) | NONE | Workshops (30h) | PL/Eng | No |
| Differential equations and integral transformations | Spring(1st Year) | 2 | Lecture (15h),Exercise classes (15h) | PL/Eng | No |
| Probability Theory and Statistics | Spring(1st Year) | 3 | Lecture (15h),Exercise classes (30h) | PL/Eng | Yes |
| Physics 2 | Spring(1st Year) | 4 | Lecture (15h), Exercise classes (15h),Laboratory (15h) | PL/Eng | Yes |
| Mechanics and strength of materials | Spring(1st Year) | 4 | Lecture (30h), Exercise classes (15h),Laboratory (15h) | PL/Eng | Yes |
| Electrotechnics | Spring(1st Year) | 4 | Lecture (30h), Exercise classes (15h),Laboratory (15h) | PL/Eng | Yes |
| Informatic | Spring(1st Year) | 3 | Lecture (15h), Laboratory (30h) | PL/Eng | No |
| Fundamentals of metrology | Spring(1st Year) | 3 | Lecture (15h), Laboratory (30h) | PL/Eng | No |
| **YEAR II** |
| Foreign language | Spring(2nd Year) | 2 | Lectorate (30h) | PL/Eng | Yes |
| Enterpreneurship | Spring(2nd Year) | 1 | Lecture (5h),Project classes (10h) | PL/Eng | No |
| Measurement methods and techniques | Spring(2nd Year) | 3 | Lecture (15h), Laboratory (30h) | PL/Eng | No |
| Electronics | Spring(2nd Year) | 4 | Lecture (15h), Exercise classes andlaboratory (30h),Project classes (15h) | PL/Eng | Yes |
| Signal processing and analysis | Spring(2nd Year) | 4 | Lecture (15h), Exercise classes (15h),Laboratory (15h) | PL/Eng | No |
| Structural and object-oriented programming | Spring(2nd Year) | 3 | Lecture (15h), Laboratory (30h) | PL/Eng | No |
| Circuit theory | Spring(2nd Year) | 3 | Lecture (15h), Laboratory (30h) | PL/Eng | Yes |
| Computer-aided design | Spring(2nd Year) | 3 | Lecture (15h), Project classes (30h) | PL/Eng | No |
| **YEAR III** |
| Automated manufacturing systems | Spring(3rd Year) | 3 | Lecture (15h),Project classes (30h) | PL/Eng | No |
| Modeling of dynamic systems | Spring(3rd Year) | 4 | Lecture (15h),Project classes (30h) | PL/Eng | Yes |
| Exploitation and Diagnostics of technical systems and devices | Spring(3rd Year) | 5 | Lecture (15h), Laboratory (30h) | PL/Eng | Yes |
| Production management systems | Spring(3rd Year) | 4 | Lecture (15h),Project classes (30h) | PL/Eng | No |
| Engineering project in automation | Spring(3rd Year) | 5 | Project classes (30h) | PL/Eng | No |

|  |
| --- |
| Optional coursesAcademic year 2023/2024Semester: spring |
| **No** | **Name of course (ENG)** | **Name of course (PL)** | **Semester**  | **Number of ECTS credits** | **Form of class** | **Language** | **Exam****(yes/no)** |
|  | Polish for Foreigners | Język polski dla obcokrajowców | spring | 4 | auditorium exercises | English | no |
|  | Introduction to Poland | Wprowadzenie do nauki o Polsce | spring | 4 | auditorium exercises | English | no |