

Prowadzący	Marouen Mosbah
ERASMUS+ (semestr zima) 2025/2026	TAK
Oferta PJOE (semestr lato) 2025/2026	TAK
Kierunek, rok, stopień dla PJOE (*obowiązkowe)	

* PJOE – przedmiot w języku obcym dla studentów polskich oraz dla studentów Erasmus+

** zostawić właściwe

BASIC INFORMATION ABOUT THE SUBJECT (INDEPENDENT OF THE CYCLE)

Module name	AI and Business Automation
Language of instruction	English
Prerequisites	None
ECTS points hour equivalents (30h = 6 ECTS; 15h = 3 ECTS)	Contact hours 15 Total number of hours with an academic teacher: 15 Number of ECTS points with an academic teacher: 3 Total number of ECTS points for the module: 3
Educational outcomes verification methods	-Class exercises -Exam
Description	The course focuses on the practical application of Artificial Intelligence and automation technologies to optimize business processes, reduce operational costs, and enhance organizational efficiency. Students will gain knowledge of key concepts such as AI, workflow management, and business process management, while also learning to identify and implement automation opportunities across various areas of the company.
Reading list	<ol style="list-style-type: none"> 1. Intelligent Automation - Pascal Bornet 2. I, Human: AI, Automation, and the Quest to Reclaim What Makes Us Unique - Tomas Chamorro – Premuzic 3. The Age of AI: And Our Human Future - Henry A Kissinger 4. AI for Retail: A Practical Guide to Modernize Your Retail Business with AI and Automation - John Wiley & Sons 5. The Future of Work: Robots, AI, and Automation - Darrel M. West
Educational outcomes	<p>KNOWLEDGE</p> <ol style="list-style-type: none"> 1. Understand the fundamentals of Artificial Intelligence and automation technologies. 2. Gain insights into workflow optimization and business process management. 3. Identify key areas in business operations where automation can deliver measurable benefits <p>SKILLS</p> <ol style="list-style-type: none"> 1. Analyze and evaluate business processes to identify automation opportunities. 2. Use modern AI and automation tools to solve real-world business challenges. <p>ATTITUDES</p> <ol style="list-style-type: none"> 1. Develop a proactive mindset for innovation and technological advancements. 2. Continuous improvement in business processes through automation and advanced technologies.
Practice	n/a

INFORMATION ABOUT CLASSES IN THE CYCLE

Educational outcomes verification methods	-Class exercises -Exam
Comments	
Reading list	<ol style="list-style-type: none"> 1. Intelligent Automation - Pascal Bornet 2. I, Human: AI, Automation, and the Quest to Reclaim What Makes Us Unique - Tomas Chamorro – Premuzic 3. The Age of AI: And Our Human Future - Henry A Kissinger 4. AI for Retail: A Practical Guide to Modernize Your Retail Business with AI and Automation - John Wiley & Sons 5. The Future of Work: Robots, AI, and Automation - Darrel M. West
Educational outcomes	<p>KNOWLEDGE</p> <ol style="list-style-type: none"> 4. Understand the fundamentals of Artificial Intelligence and automation technologies. 5. Gain insights into workflow optimization and business process management. 6. Identify key areas in business operations where automation can deliver measurable benefits <p>SKILLS</p> <ol style="list-style-type: none"> 3. Analyze and evaluate business processes to identify automation opportunities. 4. Use modern AI and automation tools to solve real-world business challenges. <p>ATTITUDES</p> <ol style="list-style-type: none"> 3. Develop a proactive mindset for innovation and technological advancements. 4. Continuous improvement in business processes through automation and advanced technologies.
A list of topics	<ol style="list-style-type: none"> 1. Module 1: Introduction to AI and Business Automation 2. Module 2: Automating Business Processes 3. Module 3 Key Concepts of AI in Business 4. Module 4: Automation in Supply Chain Management 5. Module 5: AI Ethics and Challenges in Automation 6. Module 6: Future Trends and Innovations
Teaching methods	<ol style="list-style-type: none"> 1. Interactive lectures 2. Case studies 3. Class discussions 4. Role playing
Assessment methods	<ol style="list-style-type: none"> 1. Participation in class discussions 2. Case study analysis 3. Quizzes and tests