BIP SYLLABUS

	BIP title	Automation & Innovation in Action
	Dates	Virtual **February 2026** Physical **23-27 of March 2026**
	Sector of studies	AI, Manufacturing, Engineering, Logistics
	Credit value	3 ECTS
	Lecturers	Markus Annilo (Main Organizer), Kätlin Jürgens, Anella Trumann
	Pre-requisites	● Production planning and management ● Technological proficiency ● Logical thinking and analytical skills
	Aim of the course	This course will equip students with the knowledge and skills to apply AI in industrial settings. The training is designed for students who want to get to know AI possibilities in a practical way. During the course, the working principles, technologies and implementation of AI are studied and innovative experiences are presented.
	Learning outcomes	● Understands and knows the principles and concepts of AI ● Can relate how the possibilities of new AI technologies to help solve his/hers problems and support the field of activity; ● Can apply AI technology to a small extent, or at least think about which AI technological applications support the development of a digital twin. ● Can analyze and prepare what the development path of innovation should be in the field that concerns him/her. ● Can evaluate his/her own and others' practical examples and understands the advantages and disadvantages of their solution.
	Assessment	_Weighting in the final grade:_ ● Participation in all program activities ● Successful execution and presentation of group work