

ECTS Syllabus

Course Title	Special Topics in Technology				
Course Code	PGT-412				
Course Type	Elective				
Level	1 st Cycle				
Year / Semester	4 th Year				
Teacher's Name	Staff				
ECTS	6	Lectures / week	12	Laboratories / week	N/A
Course Purpose and Objectives	The main objective of the course is to deal in-depth with particular topics in the field of Technology in the context of the 5th Industrial Revolution that utilize the instructor's (or instructors) expertise and interests to maximize the educational experience for the students.				
Learning Outcomes	After completion of the course students are expected to be able to: 1. Analyze Current Technological Trends: Students will investigate key developments in automation, data analytics, and artificial intelligence, focusing on how these innovations drive the 5th Industrial Revolution with a focus on their implications for politics and governance. 2. Evaluate Societal and Economic Impacts: Students will assess how transformative technologies influence employment, business models, and public policy on both local and global scales. 3. Examine Ethical and Legal Considerations: Students will discuss privacy, security, and regulatory frameworks, preparing them to navigate associated challenges responsibly. 4. Apply Theoretical Concepts to Practical Scenarios: Students will use case studies aligned with the lecturer's expertise to bridge theoretical knowledge with real-world outcomes in technology-driven industries. 5. Develop Strategic Problem-Solving Skills: Students will create solutions for technology adoption and digital transformation, drawing on critical thinking and collaborative approaches.				
Prerequisites	N/A	Required	N/A		
Course Content	As determined by the instructor				
Teaching Methodology	As determined by the instructor				

Bibliography	As determined by the instructor
Assessment	As determined by the instructor
Language	English