Syllabus

Course Description

Course Title	Emancipatory Digital Transformation
Course Code	96127
Course Title Additional	
Scientific-Disciplinary Sector	INFO-01/A
Language	English
Degree Course	Master in Eco-Social Design
Other Degree Courses (Loaned)	
Lecturers	
Teaching Assistant	
Semester	Second semester
Course Year/s	1st and 2nd year
CP	6
Teaching Hours	60
Lab Hours	0
Individual Study Hours	0
Planned Office Hours	18
Contents Summary	Based on their interests and focus, students select courses in areas Observe, Analyse & Apply and of Make & Intervene, to which the course in Emancipatory Digital Transformation belongs. This course critically explores digital transformation from a social-ecological and emancipatory perspective, engaging students with the ethical, socioeconomic, political, and ecological implications of digital technologies. The course challenges dominant techno-fixing narratives and instead centers digital justice, commons, sustainability, and care. Students will explore how digital infrastructures, platforms, and products shape societal structures, and reinforce or resist systems of power and exclusion. The course offers both critical reflection and hands-on experimentation, encouraging students to envision and prototype digital tools, services, or interventions that challenge

	dominant digital paradigms and propose emancipatory alternatives fostering social-ecological transformations. The course will touch upon a wide spectrum of concepts and issues, such as: concentration of power, surveillance and social control, social Media (Misinformation, Propaganda, Potentials, Alternatives), AI (types, biases, impact, labour, democratic control, potentials, alternatives), environmental and social impact of digital technologies, Critical Computing, SHCI (Sustainable HCI), Digital sovereignty and Data justice, Digital Commons, Free and Open-Source Software, Platform Cooperativism, Civic and Social Infrastructures, Collective empowerment, civic society and social movements.
Course Topics	to be announced
Keywords	to be announced
Recommended Prerequisites	
Propaedeutic Courses	
Teaching Format	to be announced
Mandatory Attendance	recommended
Specific Educational Objectives and Learning Outcomes	Knowledge and understanding Students of the Master in Eco-social Design will have developed their own individual project practice and will be able to: - develop creative solutions and processes - making complex problems tangible through design, visualization and storytelling - developing prototypes or delegating their development Applying knowledge and understanding Students will be able to make tangible ideas, reports and projects, such as sketches, visualisations, mock-ups, models, prototypes, interventions and prototype events. Making judgements Students will be able to: - take responsibility for the development and management of projects and activities - compare and evaluate concepts, practices and projects in their various contexts - judging independently and critically requirements, needs and

	potential of an environment, and of a group or community, as well as the contribution of a project to local and regional economic cycles and to increasing solidarity relations Communication skills Students will be able to: - communicate convincingly in different ways and with different audiences - present projects convincingly Learning skills Students will be able to working independently to learn according to different situations and in a personal way through the development of prototypes, models, mock-ups and the feedback they provide.
Specific Educational Objectives and Learning Outcomes (additional info.)	
Assessment	to be announced
Evaluation Criteria	to be announced
Required Readings	to be announced
Supplementary Readings	
Further Information	
Sustainable Development Goals (SDGs)	