

BIP “Interdisciplinary Digital Transition”

Program Presence Week at FH JOANNEUM, Graz, Austria

Monday, Oct 5th
Start of BIP – 1st Lecture

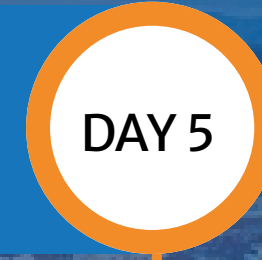
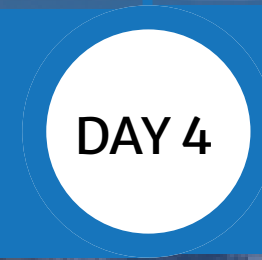
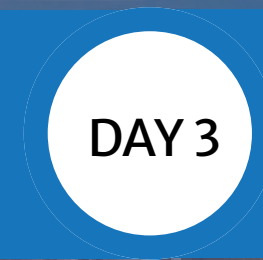
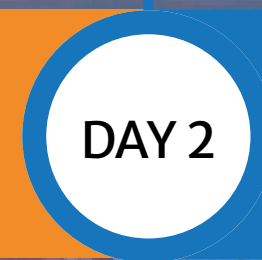
Sunday, Nov 1st
Arrival

Tuesday, Nov 3rd
Company Visit,
Introduction to
Use Case

Thursday, Nov 5th
Smart Production
Experience;
Presentation of Use Case



Online lectures & Self – Study
(ca. 100h over 4 weeks)



Monday, Nov 2nd
Come-Together,
Introduction,
Cultural Diversity

Wednesday, Nov 4th
Workshop:
Use Case

Friday, Nov 6th
Wrap-Up,
Social Event



Graz – A Leading Business Hub



English



Oct 5th – Nov 6th
2026



For free for
Erasmus
Participating
Institutions



6 ECTS
ca. 150 h



Online Preparation
+ Presence Week at
FH JOANNEUM, Graz

BIP “Interdisciplinary Digital Transition”

Course Content

This course explores how digital transformation reshapes manufacturing through the integration of engineering, information technology, business, and sustainability perspectives. Students learn to address complex industrial challenges by applying interdisciplinary approaches to technologies such as Industry 4.0, artificial intelligence, digital twins, and data-driven decision-making. The course also emphasizes collaboration across disciplines, change management, and the development of innovative, sustainable solutions that support the digital transition of modern manufacturing systems.

Industry Use Case

Within a concrete industry project, students will reflect and observe a specific problem from the process, ethical and technical viewpoints and directly apply their gained knowledge in a practical use case provided by a real scenario of the company. A visit of the company site is part of the program.

Contact



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