

COURSE DETAIL

INTEGRATED CONSTRUCTION PROJECTS

Country

Germany

Host Institution

Technical University Berlin

Program(s)

Technical University Summer

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Civil Engineering Architecture

UCEAP Course Number

111

UCEAP Course Suffix**UCEAP Official Title**

INTEGRATED CONSTRUCTION PROJECTS

UCEAP Transcript Title

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UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course provides a deeper understanding of the integrated project organization and execution models with a focus on integrated project delivery methods like partnering, IPD, or Alliancing. Students learn how the tools and techniques provided enrich options to consult clients and to set up planning and constructions projects in a more efficient and suitable way. The course is a blend of theoretical basic information combined with the application in specific case study situations. Students examine how an increasing complexity of building projects requires new skill sets and a deeper understanding of the relationships of the project participants on various levels in the construction industry. Topics include the traditional contractual project execution models like design and build or design-bid-build suffer on various levels in terms of time, cost, and quality (user requirements and satisfaction) for large scale and complex construction projects and how integrated project organization and execution models have become more prominent in Germany in recent years.

Language(s) of Instruction

English

Host Institution Course Number

Host Institution Course Title

INTEGRATED CONSTRUCTION PROJECTS - BETTER TOGETHER!

Host Institution Course Details

<https://www.tu.berlin/en/international/summer-school/summer-school/summer-school...>

Host Institution Campus

TUBS

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2026-2027

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