

Construction Management II.

Code: MFKIV32SS3-EN

ECTS Credit Points: 3

Evaluation: mid-semester grade

Year, Semester: 3rd year/2nd semester

Number of teaching hours/week:

Lecture: 1

Practice: 2

Prerequisites: Construction Management I.: MFKIV31S03-EN

Topics: Create a budget based on the total of the previous semester band prepared schedule, making machine schedule, preparation of staff schedules.

Creating organizational layout in three phases. Substructure work types, structural work and during the final phase of work. Learning about temporary structures, temporary utilities, roads and means of disposal solutions and marking of installed equipment.

Efforts should be made for both the installation and closed freely available land to be planned!

Schedule

<p>1st week: Lecture: Preparation, Course-up, presenting academic requirements, course schedule description, description of subject bibliography, registration week Practice:</p> <p>2nd week: Lecture: Spatial organization: Site Buildings, structures, roads. Energy and utilities board. Practice: Case task 1. Calculation of Working Time Standards Collecting and spending time laboratory work using the TERC</p> <p>3rd week: Lecture: Spatial organization: storage of building materials and products. Internal mass transport Practice: Preparation of construction and substructure work</p> <p>4th week: Lecture. Spatial organization: the auxiliary. Creating spatial organizational plans Practice: Constructional work</p> <p>5th week: Lecture: Time management: Concepts. Types of rate plans. Portrayal of the Schedule Practice Kinds of roof and interior finishing work.</p> <p>6th week: Lecture: Time scheduled basic elements: training processes. Analyses of processes: process of time and labor expenses. The combination of processes (determine relative</p>	<p>7th week: Lecture: The time scheduled basic elements: The mesh design - critical path. A continuous band-like construction management, construction management. Technology-based construction management (business management Practice: Staff and equipment schedule. Organizational technical description+ building visit</p> <p>8th week: Mid-term test Lecture: Basic elements of the schedule: The recommended process of planning time. The time scheduled update. Standard data. Practice: Case 1. administration tasks</p> <p>9th week: Lecture: Preparation of semi-annual week of planning tasks: semi-annual consultations related tasks previously announced date of writing test this week Practice: Case 2. Issuing a task.</p> <p>10th week: Lecture: A project as a process. The task of setting Project participants (Facility Director, preparation, foremen, technicians etc. ...) tasks and roles through practical examples, in addition to types of constructional work, participants, tasks and roles. Practice: Picking material Select Timing Machine</p>
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time positions Practice: Facades and outdoor finishing work +building visit	auxiliary
11th week: Lecture: Workspace delivery and the receipt of a report in the way of finishing Practice: A small practical exercise in small group handover 12th week: Lecture: Implementation - organizing implementation. Building log and diary survey, What is what, when to use it? Practice Requirements of a building plant room (social spaces, warehouses ...) Practical examples are included) Afternoon diary entries through an example; answers, comments, deadlines)	13th week: Lecture: The transfer - technical work handover. Practice: Temporary utilities (water, sewer, electricity ...) 14th week: Lecture: Operation. Aftercare - post-transfer tasks. Practice: Administration task 2 15th week: Production and repair of semi-annual design tasks since semi-annual consultations related tasks previously announced time, classroom and writing plus test this week

Requirements

A, for a signature:

Attendance at **lectures** is recommended, but not compulsory.

Participation at **practice classes** is compulsory. Students must attend the practice classes and may not miss more than three times during the semester. In case a student does so, the subject will not be signed and the student must repeat the course. Students can't make up a practice class with another group. Attendance at practice will be recorded by the practice leader.

Students have to **submit all the drawings(band prepared schedule, making machine schedule, preparation of staff schedules + organizational layout in three phases) tasks** as scheduled minimum at a sufficient level.

During the semester there are two tests: the mid-term test in the 8th week and the end-term test in the 15th week.

B, for a grade:

The course ends in a **mid-semester grade (AW5)**. Based on the average of the marks of the drawings and the average of the test results, the mid-semester grade is calculated as an average of them:

- the average grade of the drawing tasks
- the average grade of the two tests

Special conditions for signing and examination:

Mid-semester (continuous) accountability

Creating the task: 1 □ 80

80 points

80 points

50.0%

Performance of the task and the conditional-release test must be more than 50% for a mid-year signing,. You need to reach 41 points.