Hanze

Course: Spacemanagement & Technology — credits: 5

Course code	IFVP21SPT
Name	Spacemanagement & Technology
Study year	2026-2027
ECTS credits	5
Language	English
Coordinator	J.G. Wijnja
Modes of delivery	Tutorial
Assessments	Space-management & Technology - Computer, organised by STAD examinations

Learning outcomes

Students:

- recognise and name relevant aspects of the changing demands of the building's users, buildings and the built environment and how accommodation can add value to the primary process;
- know the key terms, concepts, trends and developments regarding office accommodation and workspace concepts;
- recognise and name steps to be taken to prepare a schedule of requirements and recommend an appropriate workspace concept based on a simple theoretical case study;
- name the criteria on the basis of which accommodation, including its technical installations, can be made more sustainable;
- name the legislation and regulations (ISSO, NEN, CEN, ARBO, permits) that the accommodation, including its technical installations, must comply with;
- name the criteria that influence the indoor environment inside an office building;
- translate the needs of the users into specific technical installations, taking into account both the mental and physical health of the users;
- name the function and operation of the various building installations and their components (climate control, electrical and technical installations, yellow [grey] water circuit, combined heat and power, heat pump, high-voltage current, ICT, internet of things) and explain how these installations impact the office environment.

Content

Technology: Whether a building is suitable for its intended use depends for an important part on how it performs in terms of indoor climate conditions, such as thermal comfort, air quality, daylight and artificial light, sound etc. The Buildings Physics course introduces students to the physiological aspects that influence personal comfort with regard to the indoor climate and to the function and operation of the various building installations and their components.

Space Management: Whether a building is suitable for its intended use depends for an important part on how accommodation can add value to the primary process. The Space Management course introduces students to aspects of the changing demands of the building's users and the built environment. They are also introduced to the key terms, concepts, trends and developments regarding office accommodation and workspace concepts. Knowledge of the above allows students to prepare a schedule of requirements and recommend a workspace concept.

Included in programme(s)

Facility Management, major International Facility Management
International Facility Management exchange programme

School(s)

Arts, Design & Built Environment

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