**General Information:**

**Name of Course: Complex Accessibility**

**Course Code:** PMRTENE022A

**Semester:** 7th

**Number of Credits:** 3

**Allotment of Hours per Week:** 2 Practical Lessons /Week

**Evaluation:** Signature (with grade)

**Prerequisites: Building Design 5, Building Constructions 4**

**Instructors: Erzsébet Szeréna ZOLTÁN dr., associate professor**

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**Introduction, Learning Outcomes:**

The purpose of the course is to enable students to create the conditions for equal opportunities for works, such as design, construction, or operation for people with disabilities.

According to building regulations and laws all public facilities need to be considered according the accessibility aspects – also in the case of refurbishment of existing buildings. The Act on the Rights of People with Disabilities and the Equal Opportunities specifically regulates that public institutions must be accessible, but the process is rather longterm.

Equal access to the environment not only improves the living conditions of people with disabilities but also makes it easier for the elderly, the sick, people using the stroller. The population of Hungary is getting older, more and more elderly people can benefit of an accessible environment. The number of people with altered working capacity also increases.

**General Course Description and Main Content:**

In the course students may get known with the requirements of the complex (physical and infocommunication) accessibility of buildings and their solutions. Students are taught the content and requirements of the design documentation, the presentation solutions and the wide range of technical solutions.

By completing the course, students will be able to

* analyze the design problems and the built environment of the perspective of accessibility,
* can adapt the requirements for accessibility in their individual design,
* apply and employ their individual creativity by the design of an accessible environment,
* to communicate their project both visually and orally

**Methodology:**

The course is based on individual and guided research combined with architectural skills based on regular consultations and presentations.

**Schedule:**

The semester is divided into two principle periods and attendant exercises.

Week 1. Introduction, general information, syllabus

Week 2. Discussion of the architectural program, analysing the accessibility issues

Week 3. Project consultation, consultation – accessibility of the building site – accessible parking

Week 4. Project consultation, consultation – accessibility of the building – entry, pavements around the building

Week 5. Project consultation: analysis, developing the overall accessibility concept

Week 6. Project consultation: analysis, developing the overall accessibility concept

Week 7. PROJECT PRESENTATION 01. – A4 booklet to submit with the detailed description, examples and introduction of the accessibility – for disabled, deaf and blind - 40points

Week 8. National holiday

Week 9 fall break

Week 10. Project consultation (the design improved and developed according to the critics)

floor plans, sections

Week 11.Project consultation: floor plans, sections, details,

Week 12. Project consultation: floor plans, sections, details,

Week 13. Project consultation: floor plans, sections, details,

Week 14. Presentation of the final version for the tutor- discussion of layouting and the content of the posters

Week 15.PROJECT PRESENTATION 02. – DESIGN PROJECT (50 POINTS) – A3 booklet with the

Description – 3-4 pages

floor plan of relevant levels 1:100 (in coordination with the instructor)

relevant sections 1:100 (stairs, washrooms etc) 1:100

**Studio Culture:**

Information on PTE’s studio culture policy can be found at the following location: www.pte.hu

**Attendance:**

Course can be attended by gradual and Erasmus students. Unexcused absences will adversely affect the grade, and in case of absence from more than 30% of the total number of lessons student will fail the course. In the case of an illness or family emergency, the student must present a valid excuse, such as a doctor's note.

**Evaluation + Grading**

Grading will follow the course structure with the following weight: Project Presentation - 01, 40%, Project Presentation 02, 50%. Please note that regular consultation is needed, and will adversely affect one's grade (10%), missing work in the development of a project will result in lower %. The final grade will be based on the following guidelines:

5. Outstanding work. Execution of work is thoroughly complete and demonstrates a superior level of achievement overall with a clear attention to detail in the production of drawings, models and other forms of representation. The student is able to synthesize the course material with new concepts and ideas in a thoughtful manner, and is able to communicate and articulate those ideas in an exemplary fashion in.

4. High quality work. Student work demonstrates a high level of craft, consistency, and thoroughness throughout drawing and modelling work. The student demonstrates a level of thoughtfulness in addressing concepts and ideas, and participates in group discussions. Work may demonstrate excellence but less consistently than an ‘5’ student.

3 Satisfactory work. Student work addresses all of the project and assignment objectives with few minor or major problems. Graphics and models are complete and satisfactory, exhibiting minor problems in craft and detail.

2. Less than satisfactory work. Graphic and modelling work is substandard, incomplete in significant ways, and lacks craft and attention to detail.

1. Unsatisfactory work. Work exhibits several major and minor problems with basic conceptual premise, lacking both intention and resolution. Physical representation in drawing and models is severely lacking, and is weak in clarity, craft and completeness.

Grading Scale:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Numeric Grade: | 5 | 4 | 3 | 2 | 1 |
| Evaluation in points: | 88P-100P | 77P-87P | 66P-76P | 55P-65P | 0-54 |

**Students with Special Needs:**

Students with a disability and needs to request special accommodations, please, notify the Deans Office. Proper documentation of disability will be required. All attempts to provide an equal learning environment for all will be made.

**Readings and Reference Materials:**

Provided study material

**Required:**

[***http://www.eca.lu/index.php/documents/eucan-documents/14-1996-european-concept-for-accessibility-1996/file***](http://www.eca.lu/index.php/documents/eucan-documents/14-1996-european-concept-for-accessibility-1996/file)

**More:**<http://www.inis.gov.ie/website%5Cnda%5Ccntmgmtnew.nsf/0/07361736B7D0594480256F85005348CA?OpenDocument>