Course Syllabus

|  |  |
| --- | --- |
| **Name of Course:** | DESCRIPTIVE GEOMETRY 2 |
| Course Code: | PM-KTENE015 |
| **Semester:** | 2nd |
| **Number of Credits:** | 4 |
| **Allotment of Hours per Week:** | 1 Lecture and 2 Practical Lessons / Week |
| **Evaluation:** | Examination |
| **Prerequisites:**  | Descriptive Geometry 1 |
| **Instructor:** | Réka Sárközi, PhD student  |

Introduction, Learning Outcomes:

This course is the continuation of the course called Descriptive Geometry 1. The curriculum contains the basis of technical drawing in the Monge projection system, continuing the previous course’s lessons. In the second part of the semester the students learn about the common connections between geometry and architecture using interactive geometry softwares.

General Course Description and Main Content:

Every topic’s theoretical basic will be discussed on the lectures. On the practical lessons the students practising the drafting in the actual topic. There is homework on every week, which contributes to the final score.

Scores:

homework 10\*3=30 min. 10

midterm exam 35 min. 12

final exam 35 min. 12

 100 min. 50

Grades:

88-100 5

81-87 4

63-80 3

50-62 2

0-49 1

|  |  |  |
| --- | --- | --- |
| **Programme** | **Lecture** | **Practical lesson** |
| 1.  | Introduction | Pretest |
| 2. | Intersection of rotational solids | Intersection of rotational solids |
| 3. | - | Intersection of rotational solids |
| 4. | Drawing of shadows | Drawing of shadows |
| 5.  | - | Drawing of shadows |
| 6.  | NATIONAL HOLIDAY | NATIONAL HOLIDAY |
| 7.  | Net of solids, drawing roof-planes | Net of solids |
| 8.  | - | Drawing roof-planes |
| 9.  | - | **MIDTERM EXAM** |
| 10.  | Geometry with computer | Geometry with computer |
| 11.  | SPRING BREAK | SPRING BREAK |
| 12.  | - | Geometry with computer |
| 13.  | Geometry with computer | Geometry with computer |
| 14. | - | Geometry with computer |
| 15. | - | FINAL EXAM |

17. February, 2017

Réka Sárközi