

**Faculty of Electrical Engineering / POWER SYSTEMS AND AUTOMATIC CONTROL / GRAPHICS AND DOCUMENTATION FOR ENGINEERS**

|                                      |  |                 |                     |   |
|--------------------------------------|--|-----------------|---------------------|---|
| <b>Course:</b>                       | GRAPHICS AND DOCUMENTATION FOR ENGINEERS     |                 |                     |   |
| <b>Course ID</b>                     | <b>Course status</b>                         | <b>Semester</b> | <b>ECTS credits</b> | <b>Lessons</b> (Lessons+Exercises+Laboratory) |
| 1386                                 | Mandatory                                    | 3               | 3.5                 | 1+0+2   |
| <b>Programs</b>                      | POWER SYSTEMS AND AUTOMATIC CONTROL          |                 |                     |   |
| <b>Prerequisites</b>                 |  |                 |                     |   |
| <b>Aims</b>                          |  |                 |                     |   |
| <b>Learning outcomes</b>             |  |                 |                     |   |
| <b>Lecturer / Teaching assistant</b> |  |                 |                     |   |
| <b>Methodology</b>                   |  |                 |                     |   |
| <b>Plan and program of work</b>      |  |                 |                     |   |
| Preparing week                       | Preparation and registration of the semester |                 |                     |   |
| I week lectures                      |  |                 |                     |   |
| I week exercises                     |  |                 |                     |   |
| II week lectures                     |  |                 |                     |   |
| II week exercises                    |  |                 |                     |   |
| III week lectures                    |  |                 |                     |   |
| III week exercises                   |  |                 |                     |   |
| IV week lectures                     |  |                 |                     |   |
| IV week exercises                    |  |                 |                     |   |
| V week lectures                      |  |                 |                     |   |
| V week exercises                     |  |                 |                     |   |
| VI week lectures                     |  |                 |                     |   |
| VI week exercises                    |  |                 |                     |   |
| VII week lectures                    |  |                 |                     |   |
| VII week exercises                   |  |                 |                     |   |
| VIII week lectures                   |  |                 |                     |   |
| VIII week exercises                  |  |                 |                     |   |
| IX week lectures                     |  |                 |                     |   |
| IX week exercises                    |  |                 |                     |   |
| X week lectures                      |  |                 |                     |   |
| X week exercises                     |  |                 |                     |   |
| XI week lectures                     |  |                 |                     |   |
| XI week exercises                    |  |                 |                     |   |
| XII week lectures                    |  |                 |                     |   |
| XII week exercises                   |  |                 |                     |   |
| XIII week lectures                   |  |                 |                     |   |
| XIII week exercises                  |  |                 |                     |   |
| XIV week lectures                    |  |                 |                     |   |
| XIV week exercises                   |  |                 |                     |   |
| XV week lectures                     |  |                 |                     |   |
| XV week exercises                    |  |                 |                     |   |

| Student workload   |                     |   |  |  |  |                                    |
|--|---------------------|---|--|--|--|------------------------------------|
| Per week   |                     | Per semester  |  |  |  |                                    |
| <b>3.5 credits x 40/30=4 hours and 40 minuts</b><br>1 sat(a) theoretical classes<br>2 sat(a) practical classes<br>0 excercises<br><b>1 hour(s) i 40 minuts</b><br>of independent work, including consultations |                     | Classes and final exam:<br><b>4 hour(s) i 40 minuts x 16 =74 hour(s) i 40 minuts</b><br>Necessary preparation before the beginning of the semester<br>(administration, registration, certification):<br><b>4 hour(s) i 40 minuts x 2 =9 hour(s) i 20 minuts</b><br>Total workload for the subject:<br><b>3.5 x 30=105 hour(s)</b><br>Additional work for exam preparation in the preparing exam period,<br>including taking the remedial exam from 0 to 30 hours (remaining time from<br>the first two items to the total load for the item)<br><b>21 hour(s) i 0 minuts</b><br>Workload structure: <b>74 hour(s) i 40 minuts (courses), 9 hour(s) i 20 minuts (preparation), 21 hour(s) i 0 minuts (additional work)</b> |  |  |  |                                    |
| Student obligations  |                     |   |  |  |  |                                    |
| Consultations  |                     |   |  |  |  |                                    |
| Literature   |                     |   |  |  |  |                                    |
| Examination methods  |                     |   |  |  |  |                                    |
| Special remarks  |                     |   |  |  |  |                                    |
| Comment  |                     |   |  |  |  |                                    |
| Grade:   | F                   | E   | D  | C  | B  | A                                  |
| Number of points   | less than 50 points | greater than or equal to 50 points and less than 60 points  | greater than or equal to 60 points and less than 70 points | greater than or equal to 70 points and less than 80 points | greater than or equal to 80 points and less than 90 points | greater than or equal to 90 points |