

| <b>STUDY MODULE DESCRIPTION FORM</b>  |  |   |
|---|--|---|
| Name of the module/subject<br><b>Diploma seminar</b>  |  | Code<br><b>1010335541010330081</b>                                    |
| Field of study<br><b>Information Engineering</b>  | Profile of study<br>(general academic, practical)<br><b>(brak)</b> | Year /Semester<br><b>2 / 4</b>  |
| Elective path/specialty<br><b>Information Technologies</b>  | Subject offered in:<br><b>Polish</b>                               | Course (compulsory, elective)<br><b>obligatory</b>                    |
| Cycle of study:<br><b>Second-cycle studies</b>  | Form of study (full-time, part-time)<br><b>part-time</b>           |   |
| No. of hours<br>Lecture: - Classes: - Laboratory: - Project/seminars: <b>16</b>   |  | No. of credits<br><b>12</b>   |
| Status of the course in the study program (Basic, major, other)<br><b>(brak)</b>  |  | (university-wide, from another field)<br><b>(brak)</b>                |
| Education areas and fields of science and art<br><b>technical sciences</b>  |  | ECTS distribution (number and %)<br><b>12 100%</b>                    |
| <b>Responsible for subject / lecturer:</b><br><br>dr Jerzy Bartoszek<br>email: jerzy.bartoszek@put.poznan.pl<br>tel. 665-3724, 665-3729<br>Wydział Elektryczny<br>ul. Piotrowo 3A 60-965 Poznań |  |   |
| <b>Prerequisites in terms of knowledge, skills and social competencies:</b>   |  |   |
| 1   | <b>Knowledge</b>   | Student has expertise in advanced programming techniques and methods. |
| 2   | <b>Skills</b>  | Student has basic skills equivalent to first degree studies.          |
| 3   | <b>Social competencies</b>   | Student has social competencies equivalent to first degree studies.   |
| <b>Assumptions and objectives of the course:</b><br>The purpose of the seminar is to improve the knowledge dealing with the preparation of diploma thesis.                                      |  |   |
| <b>Study outcomes and reference to the educational results for a field of study</b>   |  |   |
| <b>Knowledge:</b>   |  |   |
| 1. Student knows the current trends and the most important achievements in information technologies. - [K_W14]  |  |   |
| <b>Skills:</b>  |  |   |
| 1. Student knows how to determine the set tasks associated with the process of self-education - [K_U02]   |  |   |
| 2. Student is able - in formulating and solving IT problems - to integrate knowledge from different fields and disciplines - [K_U07]  |  |   |
| 3. Student is able to assess the usefulness of the tools and technologies in the implementation of the specific job information - [K_U11]   |  |   |
| 4. Student knows how to propose and justify improvements to existing solutions. - [K_U12]   |  |   |
| <b>Social competencies:</b>   |  |   |
| 1. Student thinks and acts in an entrepreneurial and creative manner. - [K_K01]   |  |   |
| <b>Assessment methods of study outcomes</b>   |  |   |
| Assessment of presentations.  |  |   |
| <b>Course description</b>   |  |   |
| In the framework of the seminar professor controls the process of preparing diploma thesis. Students present solutions to the problems concerned with preparation of thesis.                    |  |   |

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|--|-----------------------------|-------------|
| <b>Basic bibliography:</b><br>1. Depending on the thesis.      |                             |             |
| <b>Additional bibliography:</b><br>1. Depending on the thesis. |                             |             |
| <b>Result of average student's workload</b>                    |                             |             |
| <b>Activity</b>  | <b>Time (working hours)</b> |             |
| 1. Participation in the seminar                                | 16                          |             |
| 2. Preparation to the seminar                                  | 16                          |             |
| 3. Preparation of the thesis                                   | 238                         |             |
| 4. Participation in consultations                              | 30                          |             |
| <b>Student's workload</b>                                      |                             |             |
| <b>Source of workload</b>                                      | <b>hours</b>                | <b>ECTS</b> |
| Total workload   | 300                         | 12          |
| Contact hours  | 46                          | 2           |
| Practical activities   | 150                         | 6           |