

SYLLABUS

Name: Project documentation and reporting (AESAu>SI5PDR24)

Name in Polish:

Name in English: Project documentation and reporting

Information on course:

Course offered by department: Faculty of Automatic Control, Electronics and Computer Science

Course for department: Silesian University of Technology

Default type of course examination report:

ZAL

Language:

English

Course homepage:

<https://platforma.polsl.pl/rau1/course/view.php?id=1183>

Short description:

The goal of this course is to provide students with clear guidelines on creating proper project documentation, reporting its progress and preparing written and oral reports. A special emphasis is put on final engineering project.

Description:

ECTS: 2

Total workload: 50 hours (30 contact hours, 20 students' own work hours)

Forms of contact hours:

Lecture 15h

Seminar 15h

Students' own work: preparation of a presentation to be given during a seminar and a report 20h

Lectures are designed to guide students through the process of creating project documentations. Their scope include the following topics::

- tools supporting project management and reporting
- the structure and necessary elements of a final project report
- proper referencing
- pitfalls of using AI-generated content
- preparing and giving good presentations

During seminars students will present their own projects (finished or ongoing, run individually or realized in other courses). Their reports will be discussed with respect to good reporting practice.

Bibliography:

[1] Liu Yan (ed.) Academic English Paper Writing and Publishing in English. Tsinghua University Press, 2022

[2] B. Laster Learning GitHub Actions: Automation and Integration of CI/CD with GitHub. O'Reilly Media, Inc. 2023

[3] H. Singh, D. Diko, J. Antonio, Fundamentals of Jira and Confluence. Marc & Zed Publishing, 2022.

[4] Jira manual: <https://www.atlassian.com/software/jira/guides/getting-started/introduction>

Learning outcomes:

Course-specific learning outcomes: at the completion of the course, student:

- is able to prepare and perform critical analysis of a documentation (K1A_U3, K1A_K1)
- is able to choose and use properly references describing existing solutions (K1A_U6)
- is able to prepare and present a report and an informative presentation on a project (K1A_U6, K1A_U7)

Assessment methods and assessment criteria:

During the course, each student will have to prepare a written report on a project, following the recommendations provided during lectures. Moreover, each student will prepare and present two presentations: one on an ongoing work and another that summarizes a completed project, graded using the scale 0-5pts each. Together with student's activity during the seminars, they will provide a basis for the final grade:

- project report: 50%
- presentations: 40%
- seminar activity: 10%

To get a positive grade, the weighted average calculated as described above, should be at least 2.5 points.

The final grade is awarded, according to the following rules:

2.5 - 3.29(9) - 3.0 (dost)

3.3 - 3.7(9) - 3.5 (pdost)

3.8 - 4.2(9) - 4.0 (db)

4,3 - 4,7(9) - 4.5 (pdb)

4,8 - 5.0 - 5.0 (bdb)

In the case of repeating course no partial grades awarded to students in the previous year will be copied..

The syllabus is valid from academic year 2024/25 and its content cannot be changed during the semester.

Element of course groups in various terms:

Course group description	First term	Last term
Automation and electronics systems sem. 5 (AESAu-E>SI_5)	2024/2025-Z	
Automation and electronics systems sem. 5 (AESAu-A>SI_5)	2024/2025-Z	

Course credits in various terms:

<without a specific program>			
Type of credits	Number	First term	Last term
European Credit Transfer System (ECTS)	2	2024/2025-Z	