

Submodule BIN-101-01 Start Project

Subheading	(BIN-STP)
Person in Charge	Garmann, Robert, Prof. Dr.
Language of Instruction	German
Curriculum Allocation	BIN, MDI
Course Type, Contact Hours per Week	Project, 4 SWS
ECTS Credits	4
Contact Hours / Independent Study Hours	90 h / 30 h
Semester	1
Suggestions for Independent Study	Specific to project
Recommended Prerequisites	none
Examination	Examination (written or oral) and experimental work

Learning Outcomes

Personal skills: The students identify successful strategies of self-organization, self-initiative, research and knowledge acquisition

Social skills: The students have tried teamwork and know the importance of communication and presentation skills for project success.

Project management skills: The students know simple methods for project planning and project control and can apply them in a small project.

Professional skills: The students are familiar with the large number of applications of the discipline computer science. They are able to purposefully debate, analyze and discuss a specific problem and can develop a solution over several weeks.

Content

Working on a problem and developing its solution in a given topic such as game development, robotics, algorithms. Trying out methods that are taught during individual coaching talks in the project's context.

Requirements for Contact Hours

Active, self-responsible development of project results. Active participation in project planning and organization, in introductory workshops and team meetings. Presentation and discussion of results.

Requirements for Independent Study Hours

Active development of project results. Preparation and follow-up of team meetings.

Bibliography

Specific to project