

Courses for the Module „Academic and Scientific Work“

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Please note: This is an English translation of the German original. **Only the German version is legally binding.**

Course Name	Lecturer in Charge
Paper Reading Group "Seminal Discoveries & Developments"	Dr. Schmult
Contents and Objectives	<p>The students chose a paper from ground-breaking and – occasionally – Nobel awarding works of the last 100 years in selected scientific fields. Every student prepares a presentation (~30min) of her/his topic to introduce it to the seminar group and convey the basic ideas and results of the discovery/development. In dialogue all attendees have gained knowledge of the different contents at the end of the course.</p> <p>Upon completion the participants possess key competences in academic and scientific work, in particular in understanding and conveying scientific contents.</p>
Modes of Teaching and Learning	The course consists of 3 hours per week seminars, and self-study.
Prerequisites	
Usability	The course is an offer for the module „Academic and Scientific Work“.
Exams of the Course	The course assessment consists of a presentation and an oral exam as an group exam worth 30 minutes.
Grade	The course grade is the arithmetic mean of the grades of the presentation and the oral exam.
Frequency	The course will be offered every winter semester.
Work Load	The total effort is 120 hours.
Duration	The course takes one semester.

Course Name	Lecturer in Charge
Nanoelectronic Systems Design Student Conference	Prof. Fettweis
Contents and Objectives	<p>Students choose a conference paper from a catalog and perform a literature search about this paper. The results of the search are summarized in a paper. Then, the students examine two papers of their fellow students anonymously. Using the feedback from the students the own paper is revised once again. The contents of the own paper is finally presented in a presentation.</p> <p>Upon completion of the course, the participants have key skills in the academic and scientific work, especially in comprehension and communicating scientific content.</p>
Modes of Teaching and Learning	The course consists of 3 hours per week seminars, and self-study.
Prerequisites	
Usability	The course is an offer for the module „Academic and Scientific Work“.
Exams of the Course	The course assessment consists of an assigned paper and a presentation worth 20 minutes.
Grade	The course grade is the weighted average of the grades of the assigned paper and the presentation, wherein the grade of the assigned paper by 2/3 and the grade of the presentation with 1/3 are weighted
Frequency	The course will be offered every winter semester.
Work Load	The total effort is 120 hours.
Duration	The course takes one semester.