inf179 - Special Topics in 'Software Engineering' II

Module label | Special Topics in 'Software Engineering' II
Module code | inf179
Credit points | 6.0 KP
Workload | 180 h
Used in course of study | Master's Programme Computing Science > Praktische Informatik
Contact person | Andreas Winter

Entry requirements
Skills to be acquired in this module
This module integrates current developments in the field in adequate study courses.

Professional competences
The students:

- define and contrast a computer science part, in which they are specialised, in detail or evaluate computer science in general
- recognise and evaluate applied techniques and methods of their subject and are aware of their limits
- identify, structure and solve problems/tasks, also in new or developing subject areas
- apply state of the art and innovative methods to solve problems, if necessary from other disciplines
- are aware of the current limits and contribute to the development of computer science research and technology
- discuss and evaluate recent computer science developments

Methodological competences
The students:

- evaluate and apply tools, technology and methods sophisticatedly
- combine new and original approaches and methods creatively
- evaluate problems/tasks, including new or developing subject areas of their discipline and apply computer science methods for solutions and research

Social competences
The students:

- support team process by their abilities

Self-competences
The students:

- pursue the overall and special computer science development critically
- implement innovative professional activities effectively and independently

Module contents | See the assigned course description
Reader's advisory | As announced in course
Links | German
Language of instruction | 1 Semester
Duration (semesters) | unregelmäßig
Module frequency | unlimited
Module capacity | ---
Modullevel | je nach Studiengang Pflicht oder Wahlpflicht
Modular | 2 courses out of V, S, Ü, P, PR
Vorkenntnisse / Previous knowledge |
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<th>Examination</th>
<th>Time of examination</th>
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<td>Final exam of module</td>
<td>At the end of the lecture period</td>
<td>Portfolio or presentation or oral exam</td>
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