Inf486 - Current Topics in 'Correct Systems Design' I

Module label: Current Topics in 'Correct Systems Design' I  
Module code: inf486  
Credit points: 3.0 KP  
Workload: 90 h  
Used in course of study:  
  - Master's Programme Computing Science > Theoretische Informatik  
Contact person:  
  - Hans Fleischhack  
  - Ernst-Rüdiger Olderog  
Module responsibility:  
  - Hans Fleischhack  
  - Ernst-Rüdiger Olderog  
  - Die im Modul Lehrenden  
Authorized examiners:  
  - Hans Fleischhack  
  - Ernst-Rüdiger Olderog  
  - Die im Modul Lehrenden  
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:  
      - examine tasks with technical and research literature, write an academic article and present their solutions academically  
      - evaluate problems/tasks, including new or developing subject areas of their discipline and apply computer science methods for solutions and research  
      - schedule time processes and resources  
  - Social competences:  
    - The students:  
      - communicate with users and experts convincingly  
  - Self-competences:  
    - The students:  
      - pursue the overall and special computer science development critically  
      - develop and reflect self-developed hypotheses to theories independently  
Module contents:  
  - See assigned course description  
Reader's advisory:  
  - As announced in course  
Links:  
  - Language of instruction: German  
  - Duration (semesters): 1 Semester  
  - Module frequency: unregelmäßig  
  - Module capacity: unlimited  
Module level: AS (Akzentsetzung / Accentuation)
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<thead>
<tr>
<th>Modulart</th>
<th>je nach Studiengang Pflicht oder Wahlpflicht</th>
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<tbody>
<tr>
<td>Lern-/Lehrform / Type of program</td>
<td>S or V</td>
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<td>Vorkenntnisse / Previous knowledge</td>
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<tr>
<th>Examination</th>
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<td>Final exam of module</td>
<td>At the end of the lecture period</td>
<td>Presentation or oral exam</td>
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