Module name | Capita Selecta in Computational Mathematics
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Module level, if applicable | Bachelor
Code, if applicable | MMM-4449
Subtitle, if applicable | -
Courses, if applicable | Capita Selecta in Computational Mathematics
Semester(s) in which the module is taught | 4th (fourth)
Person responsible for the module | Chair of the Lab. of Mathematical Computation
Lecturers | Appointed lecturer of Mathematical Computation
Language | Bahasa Indonesia
Relation to curriculum | Elective course in the third year (6th semester) Bachelor Degree
Type of teaching, contact hours | 150 minutes lectures and 180 minutes structured activities per week.
Workload | Total workload is 136 hours per semester, which consists of 150 minutes lectures per week for 14 weeks, 180 minutes structured activities per week, 180 minutes individual study per week, in total is 16 weeks per semester, including mid exam and final exam.
Credit points | 3
Requirements according to the examination regulations | Students have taken Capita Selecta in Computational Mathematics course (MMM-4449) and have an examination card where the course is stated on.
Recommended prerequisites | Students have taken Computational Mathematics course (MMM-3305) and have participated in the final exam of the module.
Module objectives/intended learning outcomes | After completing this course the students will be able to:
CO1. evaluate recent development of the subject.
CO2. identify more recent development of the subject by reading and studying journal papers.
CO3. analyze the application of the theory which is learned on this subject.
Content | Content of this course may vary every year depend on the lecturer’s expertise.
Study and examination requirements and forms of examination | The final mark will be weighted as follows:
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<tr>
<th>No</th>
<th>Assessment methods (components, activities)</th>
<th>Weight (percentage)</th>
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<tbody>
<tr>
<td>1</td>
<td>Final Examination</td>
<td>45%</td>
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<td>2</td>
<td>Mid-Term Examination</td>
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<td>3</td>
<td>Class Activities: Quiz, Homework, etc.</td>
<td>25%</td>
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The initial cut-off points for grades A, B, C, and D should not be less than 80%, 70%, 50%, and 40%, respectively.
Media employed | White Board, LCD Projector, Laptop/Computer
Reading List | Decided by Lecturer

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