Module title: Intercultural Project Management

<table>
<thead>
<tr>
<th>Module ID</th>
<th>Workload</th>
<th>Credits</th>
<th>Semester</th>
<th>Frequency of Offering</th>
<th>Duration</th>
</tr>
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<tbody>
<tr>
<td>MIE1</td>
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<table>
<thead>
<tr>
<th>Workload</th>
<th>Attendance</th>
<th>Preparation and Follow-Up</th>
<th>Private Study</th>
<th>Preparation for Exam and Exam</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>S</td>
<td>30 h / 2 SWS</td>
<td>15 h</td>
<td>30 h</td>
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<td>45 h</td>
<td>30 h</td>
<td>15 h</td>
<td>150 h</td>
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</table>

1 **Scheduled Group Size:** S: 15 students; Ü: 20 students

2 **Subject Knowledge / Skills**

Students are aware of the peculiar socio-emotional challenges which are associated with intercultural project management (ipm). They know the relevant theoretical concepts of ipm. They are able to use the advantages of ipm as well as to deal with the associated problems.

3 **Content / Syllabus**

Cultural impact of

- team development
- team dynamics
- leadership
- knowledge management
- team performance
- virtual teams
- team roles

and its specific application in software development

4 **Teaching Format**

Lecture with integrated exercises and practical work.

5 **Prerequisites**

None

6 **Recommended Qualifications for the Participation**

Knowledge in project management

7 **Assessment**

Written exam

8 **Prerequisites for Granting ECTS Credits**

Exam passed
<table>
<thead>
<tr>
<th></th>
<th>Usage of this Module in Other Degree Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>None</td>
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<tr>
<td></td>
<td>Contribution to Final Score</td>
</tr>
<tr>
<td>10</td>
<td>5.56%</td>
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<td></td>
<td>Convenor</td>
</tr>
<tr>
<td>11</td>
<td>Professor of Theory and Practice of Social Communication</td>
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<tr>
<td></td>
<td>Language of Instruction</td>
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<tr>
<td>12</td>
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Module title: Software Development Project

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<td>45 h</td>
<td>35 h</td>
<td>10 h</td>
<td>150 h</td>
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1 **Scheduled Group Size:** P: 15 students

2 **Subject Knowledge / Skills**

   Students are able to solve a complex software development task in a team using instruments of modern project management. They show that they can apply their existing knowledge and self-reliantly gain deeper knowledge. Moreover they are able to reflect the methodological approach and the process they have chosen. By working in teams they improve their communication skills and strategic decision-making and responsibility.

3 **Content / Syllabus**

   The actual task of the project is chosen taking the content of the other modules (of the Master program) into account, such that the students can deepen their understanding and see the individual contents in a bigger context.

   Students organize in project teams of 7-10 persons. The teams decide about their internal organisation and process. They reflect the maturity of their process with respect to the Capability Maturity Model (CMM).

4 **Teaching Format**

   Guided practical work

5 **Prerequisites**

   None

6 **Recommended Qualifications for the Participation**

   Knowledge in project management and software engineering

7 **Assessment**

   Written assignments which are presented orally

8 **Prerequisites for Granting ECTS Credits**

   Exam passed

9 **Usage of this Module in Other Degree Courses**

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Module title: Special Topic of Global Software Development

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1 Scheduled Group Size: S: 15 students

2 Subject Knowledge / Skills

Students have a deep understanding of an actual topic in their field of study and can apply their knowledge in practice.

3 Content / Syllabus

Depends on the concrete topic and will be announced before the start of the semester.

4 Teaching Format

Seminar

5 Prerequisites

None

6 Recommended Qualifications for the Participation

Depends on the concrete topic and will be announced before the start of the semester.

7 Assessment

Written or oral exam or written assignments which are presented orally. Will be announced before the start of the semester.

8 Prerequisites for Granting ECTS Credits

Exam passed

9 Usage of this Module in Other Degree Courses

None

10 Contribution to Final Score

5.56 %

11 Convenor

Professors of the Department of Applied Computer Science.

12 Language of Instruction

English
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