Course Title (in English) | Research Seminar "Advanced Materials Science"
---|---
Course Title (in Russian) | Научный семинар "Современные проблемы материаловедения"
Lead Instructor(s) | Stevenson, Keith

Is this syllabus complete, or do you plan to edit it again before sending it to the Education Office?
The syllabus is a final draft waiting for approval (once approved the syllabus will be published on the public web-site and other systems)

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Contact Person's E-mail | y.shakhova@skoltech.ru

1. Annotation

Course Description
This is the main research seminar of the Skoltech Center for Electrochemical Energy Storage and Materials Science Education program featuring presentations of young researchers: MSc students, PhD students, postdocs. Every MSc and PhD student of Materials Science program should deliver at least one presentation per two years. The range of topics is broad and includes any aspects of materials science and engineering.

Please see the seminar webpage at http://crei.skoltech.ru/cee/education/wednesday-scientific-seminar/

2. Structure and Content

Course Academic Level | Master-level course suitable for PhD students
Number of ECTS credits | 3
3. Assignments

<table>
<thead>
<tr>
<th>Assignment Type</th>
<th>Assignment Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other</td>
<td>Attendance for grading (Pass/Fail) is 70%</td>
</tr>
<tr>
<td>Presentation</td>
<td></td>
</tr>
</tbody>
</table>

4. Grading

Type of Assessment: Pass/Fail

Grade Structure

<table>
<thead>
<tr>
<th>Activity Type</th>
<th>Activity weight, %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>70</td>
</tr>
<tr>
<td>Presentation</td>
<td>30</td>
</tr>
</tbody>
</table>

Grading Scale

Pass: 80

Attendance Requirements: Optional

5. Basic Information

Maximum Number of Students

<table>
<thead>
<tr>
<th>Overall:</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Group (for seminars and labs):</td>
<td></td>
</tr>
</tbody>
</table>

Course Stream: Science, Technology and Engineering (STE)

Course Term (in context of Academic Year): weekly
Course Delivery Frequency
Every year

Students of Which Programs do You Recommend to Consider this Course as an Elective?

<table>
<thead>
<tr>
<th>Masters Programs</th>
<th>PhD Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials Science</td>
<td>Materials Science and Engineering</td>
</tr>
</tbody>
</table>

Course Tags
Physics
Engineering
Materials

6. Textbooks and Internet Resources

7. Facilities

8. Learning Outcomes

<table>
<thead>
<tr>
<th>Knowledge</th>
</tr>
</thead>
<tbody>
<tr>
<td>- the latest achievements in the subject area</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skill</th>
</tr>
</thead>
<tbody>
<tr>
<td>- public speaking skills</td>
</tr>
<tr>
<td>- enter into discussions and ask questions to speakers</td>
</tr>
</tbody>
</table>

9. Assessment Criteria

Input or Upload Example(s) of Assignment 1:

Select Assignment 1 Type
Presentation

Input Example(s) of Assignment 1 (preferable)
Assessment Criteria for presentation:
- structure
- disclosure of the topic
- answers on questions
- english

Input or Upload Example(s) of Assignment 2:

Input or Upload Example(s) of Assignment 3:
Input or Upload Example(s) of Assignment 4:

Input or Upload Example(s) of Assignment 5:

10. Additional Notes