**Assessment form for participation in a large multidisciplinary project**

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| **Course code**  | **202001530** |
| **Title**  | **AP Participation in a Large Multidisciplinary Project AP** |
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| **Requirements** | In principle, students are free to define their own challenge in consultation with a member of scientific staff. To start this module students have to follow the rules;* The topic must be a deepening or broadening Applied Physics assignment;
* The size of this project is at least 30 EC;
* An examiner of the AP program must be found to agree to be coach and examiner of the student.

The student must submit a personal addendum to the main project proposal to the exam board (prior to starting the module), that describes the project and his/her own contribution in the project, including the name of the coach/examiner. |
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| **Contents**  | Applied Physicists have an added value to large multidisciplinary projects, such as the Greenteam, and the Solar Challenge Project. At the university these project are organized and performed by students. Applied Physics students participate in these project in various ways, ranging from conceptual proof of principle approach to a broad organizational overview on the dependencies in the complex project. In case the tasks of individual students is deepening the applied physics aspects of the project, this work can be done within this module in the bachelor program.This project is not limited to externally defined projects. Self-defined projects are also eligible, however these have to meet criteria, mentioned below (Requirements for non-standard projects).The student will do his/her own defined work within a significant large multidisciplinary project team.**Educational forms**The educational form depends on the project at hand. Students will work individually on projects, within a project team. One of the staff members (an AP examiner) will be appointed as coach. During the module, the students will meet the coach on a regular basis, with at least two marked milestones: 1. Half–way during the module students will present their project.
2. At the end of the module, student will present their work with a written report.
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| **Goals** | In general, the learning goals will address;* Professional and personal development as an Applied Physicist;
* Development of expertise in a delineated field of expertise of Applied Physics;
* Autonomous acquisition of knowledge;
* Multidisciplinary collaboration.

Additional learning goals are -individually- depicted from the perspective of the chosen subject; defined in collaboration with the appointed coach/examiner. |
| **Assessment** | The work of the student will be summarized in a written report, including a research/design question, an overview of the activities and conclusions. Additional assessment form might apply, depending on the nature of the project.This written report will be assessed by the coach. To assess the project and written report the evaluation points on page 3 and 4 can be filled in. The project will be graded on both the physics and general aspects. The workload of this project will be awarded with a maximum of 15 EC for BSc students. And a maximum of 10 EC for MSc students. |

**Assessment form 202001530- Participation in a Large Multidisciplinary Project AP**

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| St. no.: |  |
| Family name: |  |
| Initials: |  |
| Title report: |  |
| Multidisciplinary team: |  |
|  |  |
| EC’s: (*Maximum 15 EC BSc, 10 EC MSc students)* |  |
|  |  |
| Grade Physics aspects:*(one integer)* |  | Grade General aspects:*(one integer)* |  |
|  |  |  |  |
| Exam date: |  |
|  |  |
|  APExaminer[[1]](#footnote-1): |  |  |  |
|  |  |  |
| Signature |  |  |  |
| Date: |  |  |  |

**General aspects**

**Evaluation points Remarks and feedback**

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| --- | --- |
| **Reporting** | Positive points:Suggestions for improvement: |
| **Oral presentation & discussion** | Positive points:Suggestions for improvement: |
| **Research attitude** | Positive points:Suggestions for improvement: |
| **Professional communication** | Positive points:Suggestions for improvement: |
| **Research independence** | Positive points:Suggestions for improvement: |

**Physics aspects**

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| --- | --- |
| **Research plan and context** | Positive points:Suggestions for improvement: |
| **Theoretical and/or experimental skills** | Positive points:Suggestions for improvement: |
| **Analysis skills** | Positive points:Suggestions for improvement: |
| **Scientific approach & handling of complexity** | Positive points:Suggestions for improvement: |

1. See list of [approved examiners for Appllied Physics](https://www.utwente.nl/nl/tn/onderwijs/regelingen/), column Internship Supervisior
 [↑](#footnote-ref-1)