



Assessment Rubrics Instruction

For Student Research/Graduation Project

After receiving the result of the report of the Accreditation Agency for Study Programs of Engineering, Information Science, Natural Sciences and Mathematics ([ASIIN](#)) committee (See the published report [ASIIN Accreditation Report published on 2018 12 07](#) Requirement A4), the College Higher Committee for Academic Accreditation opened a large debate on the student final projects, which was attended by representatives of each academic department. It has proposed that the best way to attain a higher academic level of the final projects is to adopt rubrics to evaluate the components of the final research project based on program learning outcomes aligned with final research project learning outcomes and competencies. This assessment tool will ensure that the academic level of final project is adequate and it will be the best instrument to further enhance the students' skills in scientific work and research and their ability to work independently on their projects, including a written thesis comparable to international standards.

These rubrics were approved by each department after been subject of extensive debate. The explicit performance criteria of these rubrics deal to:

- (1) impress student in creating her\his\he research project, and guide the evaluators how to rate the performance;
- (2) be further clearer and more objective for assessing student products and performances;
- (3) maintain fairness and better equality in assessment;
- (4) help student to understand exactly what she\he is looking for in quality of products and then help her\him achieve higher performances;
- (5) advance student toward an independent work, and acquire great potential;
- (6) impress student herself\himself examine the criteria to guide her\him in planning and perfecting her\his final project in appropriate way.

In fact, these rubrics provide an explicit performance criterion with description of four levels of each criterion (from “beginning-score =1” to “mastery- score= 4”) for assessing all components of final research project according to the following performance criteria:

(a) [Required Indicators Rubric](#) (filled and signed by the research advisor)

- ✓ **Ethical standards**¹²
- ✓ **Language Conventions** (Proficiency)
- ✓ **Style** (scientific concepts in writing)
- ✓ **Layout**

(b) [Written Report Rubric](#) (filled and signed by the research advisor)

- ✓ **Abstract**
- ✓ **Structure** (Logical ordering of ideas, transitions between paragraphs, coherence, conciseness)
- ✓ **Reference list**
- ✓ **Completeness** (Level of detail, depth, development of ideas, appropriate length)
- ✓ **Language** (Correct usage, spelling, proper sentence/ paragraph structure, follows accepted format conventions)
- ✓ **Cooperation & communication with supervisor**
- ✓ **Time management**
- ✓ **Autonomy**
- ✓ **Student responses**

(c) [Written Report and Oral Presentation Rubrics](#) (both filled and signed by each evaluator)

- ✓ **Content**
- ✓ **Structure**
- ✓ **Completeness**
- ✓ **Language skills**
- ✓ **Documentation**
- ✓ **Speaking Style/ Delivery**
- ✓ **Interaction**

¹ According to [IMSIU Scientific integrity Standards](#)

² Scores below **30%** for graduate research project (Master) and below **40%** for undergraduate research/ graduation project (Bachelor) (Via [SafeAssign](#) Plagiarism Detection Service for BLACKBOARD). Please attach the scan report to the research project documents.