Subject specific grading criteria proposed by the Technology staff and established by the Board of under Graduate Studies of Science, Technology and Media 2007-11-26.
MIUN 2007/1660

Grading Criteria: Energy Engineering and courses in Electrical Engineering with a specialization in Electrical Power Engineering

Grade	Criteria
A	**Level:** The student demonstrates outstanding results considering the requirements of the course learning objectives regarding problem-solving skills, application skills, communication skills and ability if judgment in addition to concept comprehension. **Range:** Fulfills all of the course learning objectives very well.
B	**Level:** The student demonstrates excellent results considering the requirements of the course learning objectives regarding problem-solving skills, application skills, communication skills and ability of judgment in addition to concept comprehension. **Range:** Fulfills the course learning objectives, most of which very well.
C	**Level:** The student demonstrates good results considering the requirements of the course learning objectives regarding problem-solving skills, application skills, communication skills and ability of judgment in addition to concept comprehension. **Range:** Fulfills all of the course learning objectives, several of which very well.
D	**Level:** The student demonstrates satisfactory results considering the requirements of the course learning objectives regarding problem-solving skills, application skills, communication skills and ability of judgment in addition to concept comprehension. **Range:** Fulfills all of the course learning objectives, of which one or a couple very well.
E	**Level:** The student demonstrates sufficient results considering the requirements of the course learning objectives regarding problem-solving skills, application skills, communication skills and ability of judgment in addition to concept comprehension. **Range:** Fulfills all of the course learning objectives.
Fx	**Level:** The student demonstrates insufficient results considering the requirements of the course learning objectives regarding problem-solving skills, application skills,

	communication skills and ability of judgment in addition to concept comprehension. **Range:** One or a couple of the course learning objectives are not fulfilled. Additional work is required in order to fulfill the course learning objective/s. **Revision possible within the timeframe indicated by the examiner.**
F	**Level:** The student demonstrates insufficient results considering the requirements of the course learning objectives regarding problem-solving skills, application skills, communication skills and ability of judgment in addition to concept comprehension. **Range:** The course learning objectives are not fulfilled.

For a more detailed explanation of the attributes, please turn to the appendix on the following page.

Appendix: Explanation of the attributes

Attribute	Explanation
Problem-solving skills	The student has theoretical as well as practical ability to identify, formulate and solve problems within the area of the course. Being able to identify and formulate a problem is important because the problem situations the student should be prepared for are usually unclear and there are many possible solutions which can be applied to a real-life case. The student should individually or in a group be able to define the assignment and its goal, select a method and plan the execution to solve the assignment.
Concept comprehension	The student is familiar with, understands and is able to define the concepts used in the course. The student is familiar with and understands the connections, methods and models used in the course and is able to use these as well as the concepts to analyze theoretical and practical problems. Practical concept comprehension means that the student is able to interpret and evaluate results of for example experiments and project work with the aid of the course concepts, connections, methods and models.
Application skills	The student should be able to apply concepts, connections and models included in the course. It could be for example practical management of equipment, computer programs or application of norms and established calculation techniques. The student should based on the course content be able to handle measurement equipment, plan trials and use charts and curve fitting as aids to reach results in addition to be able to estimate the results uncertainty. The student should under guidance be able to handle more complex machine systems or equipment which considering the content is relevant for the course. The student should be able to carry out projects according to a project plan, verify the outcome, and if the specification of requirements is not fulfilled, attend to the shortcomings.
Communication skills	The student should have sufficient communication skills, formal

	communication skills verbally and in writing as well as informal communication skills in for example project works, so that the student actively can participate in the identification and formulation of the problem, present results according to scientific and technical tradition and be able to cooperate in joint collaborations.
Ability of judgment	Ability of judgment is the student's ability to make contextualized assessments based on relevant scientific, social and ethic aspects. Included in this are insights into the possibilities and limitations of the technology, its role in society and people's responsibility for how it is used, included social, financial, environmental and working environmental aspects.