

Grading criteria: Quality Technology and Management

Grade	Criteria
A	<p>Level: The student demonstrates outstanding results considering the requirements of the course learning objectives regarding problem-solving skills, concept comprehension, application skills, communication skills and ability of judgment.</p> <p>Range: Fulfills all of the course learning objectives very well.</p>
B	<p>Level: The student demonstrates very good results considering the requirements of the course learning objectives regarding problem-solving skills, concept comprehension, application skills, communication skills and ability of judgment.</p> <p>Range: Fulfills the course learning objectives, most of which very well.</p>
C	<p>Level: The student demonstrates very good results considering the requirements of the course learning objectives regarding problem-solving skills, concept comprehension, application skills, communication skills and ability of judgment.</p> <p>Range: Fulfills all of the course learning objectives, several of which very well.</p>
D	<p>Level: The student demonstrates satisfactory results considering the requirements of the course learning objectives regarding problem-solving skills, concept comprehension, application skills, communication skills and ability of judgment.</p> <p>Range: Fulfills all of the course learning objectives, one or a couple of which very well.</p>
E	<p>Level: The student demonstrates sufficient results considering the requirements of the course learning objectives regarding problem-solving skills, concept comprehension, application skills, communication skills and ability of judgment.</p> <p>Range: Fulfills all of the course learning objectives.</p>
Fx	<p>Level: The student demonstrates insufficient results considering the requirements of the course learning objectives regarding problem-solving skills, concept comprehension, communication skills and ability of judgment.</p> <p>Range: One or a couple of the course learning objectives are not fulfilled. Additional work is required to fulfill the learning objective/s.</p> <p>Revision possible within the timeframe indicated by the examiner.</p>

F	Level: The student demonstrates insufficient results considering the requirements of the course learning objectives regarding problem-solving skills, concept comprehension, application skills, communication skills and ability of judgment. Range: The course learning objectives are not fulfilled.
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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	<p>The student has theoretical as well as practical ability to identify, formulate and solve problems within the field of the course. Identifying and formulating a problem is important because the problem situations the student should be prepared for are usually unclear and many conceivable solutions can be used in a real-life case.</p> <p>The student should individually or as a part of a group be able to define the assignment and its goal, choose method and plan the implementation to solve an assignment.</p>
Concept comprehension	<p>The student knows of, understands and is able to define the concepts which are used in the course. The student knows of and understands the connections, methods and models which are used in the course and is able to use them and the course concepts to analyze theoretical and practical problems.</p> <p>In practice concept comprehension means that the student is able to interpret and evaluate results of for example experiments and project works with the help of the course concepts, connections, methods and models.</p>
Application skills	<p>The student should be able to apply the concepts, connections, methods and models included in the course. It could be for example practical management of equipment, computer applications or application of norms and established calculation techniques.</p> <p>The student should based on the course content be able to handle measurement equipment, plan trials and use graphs and curve fitting as aids to reach results as well as being able to estimate the uncertainty of the results. With guidance the student should also be able to handle complex machine systems or equipment which are relevant considering the content of the course.</p> <p>The student should be able to carry out projects according to a project plan, verify the outcome, and of the specification of requirements is not fulfilled, attend to the shortcomings.</p>
Communication skills	<p>The student should have sufficient communication skills, both formal communication skills verbally and in writing as well as informal communication skills in for example project works, so that the student is able to actively participate in identifying and formulating problems, present result according to the scientific and technical tradition as well as being able to cooperate in joint assignments.</p>
Ability of judgment	<p>Ability of judgment is the student's ability to make contextualized assessments based on relevant scientific, social and ethic aspects. Insights in to the possibilities and limitations</p>

	of technology is included as is its role in society and people's responsibility for how it is used, including social, financial, environmental and work environmental aspects.
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