

Correction sheet to the curriculum for the IT Technology programme

Correction sheet for the curriculum part 2, institutional part, with commencement 01.08.2021

Corrected on 30 August 2022 by Head of Programme, Ask Risom Bøge.

Commencement

This correction sheet for the institutional part of the curriculum, August 2022, is valid for all students enrolled in the programme before 1 August 2022.

Changes to the Institutional Part of the curriculum

The changes concern section 3.3, the first-year exam, and section 3.4, third semester exam. The changes concern the removal of the continuous assessment criteria as part of the exam mark.

Original formulation:

3.3. First year exam, 60 ECTS

Learning objectives for the exam

The assessment criteria for the exam are identical to the learning objectives for the first year of study.

The learning objectives are specified in the national part of the curriculum.

The exam form and organisation including any formal requirements

The first-year exam consists of a continuous assessment activity as well as an individual oral exam on the basis of a group project. The exam is an individual oral examination based on a group project and the first and second semester syllabuses, and a number of continuous assessment activities throughout the semester, this is collectively called the first-year exam.

The continuous assessment activities

The continuous assessment activities consist of a series of activities spread over the 1st year of studies.

For each individual continuous assessment activity, percentage points will be awarded, which at the end of the 2nd semester will be converted to a mark which is weighted 30% of the mark for the first-year exam. The continuous assessment activities are made up of three types of activities, as described in more detail in the following.

For **attendance**, which is based on registration or a quiz, students must be present for teaching when the quiz is conducted. Students can follow their attendance record their and number of answered quizzes on Canvas. Students' attendance and the quizzes are worth 20% of the 30% total the continuous assessment activities are weighted.

The **tasks** are weighted on the basis of the academic content. Students can follow their handed-in tasks and the percentage points these are awarded on Canvas. These tasks are worth 60% of the 30% total the continuous assessment activities are weighted.

An exam will be conducted at the end of the 1st semester, which makes up 20% of the 30%, which the continuous assessment activities are weighted.

The individual assessment activities are described below:

Assessment activities	Time placement / frequency	Credits	Assessment
A. Attendance at teaching activities	Continuously 1st and 2nd semester	20% of the points	Participation in the daily quiz or attendance registration in Canvas.
B. Task solution	Continuously 1st and 2nd semester	60% of the points	The tasks compiled with points in Canvas and when handed in. An overview and a schedule will be available on Canvas at the beginning of the semester.
C. Exam at the end of the 1st semester	End of 1st semester	20% of the points	Assessment based on the points scale in relation to the test.

Point scale	Marks for continuous assessment activities	Percentage points
	12	94-100%
	10	85-93%
	7	75-84%
	4	60-74%
	02	50-59%
	00	31-49%
	-3	0-30%

The students have one attempt to complete each of the continuous assessment activities A, B and C. With undocumented absence or hand-in without content, the students will get the lowest points according to the table above. If the student has a documented absence due to illness, or maternity/paternity leave a new task will be assigned. This only applies to continuous assessment activity B and C. In the case of a documented absence due to illness or maternity/paternity leave for continuous assessment activity A, attendance will be calculated proportionally.

The weighted average mark for the continuous assessment activities is indicated on the diploma as continuous assessment activity, first year exam.

Exam

The exam is an individual oral exam based on a group project and product. There can only be a maximum of four students in a group.

The exam process:

1. Group presentation based on a product and a report: max. 20 minutes for each group
2. 25-minute individual examination, which is based on the project, and an exam question drawn by the student that is based on the curriculum. Each student from the group is examined individually as follows:
 - a. The students present the technical aspects of their individual parts of the project, including their role and learning during the course of the project (about 10 minutes).
 - b. The students answer a question they have drawn which is based on the compulsory programme elements from the first and second semester's curriculum (about 10 minutes).
3. Deliberation and communication of marks: 5 minutes.

Exam weight: 60 ECTS

Formal requirements for a written project

A project report must be handed in as well as a product.

For the written part of the exam, the project report must contain at least:

- Front page with title
- Table of contents
- Introduction
- Main section
- Conclusion
- Bibliography (including all sources that have been referenced)
- Appendices (only include appendices essential to the report)
- Hand-in electronically.

The project report must have a maximum of 40 standard pages for a group regardless of group size. Group size is max 4 persons. The front page, table of contents, bibliography and appendices do not count in the required number of pages. Appendices will not be assessed.

One standard page is 2,400 keystrokes which includes spaces and footnotes. This does not include front page, table of contents, bibliography and appendices.

Prerequisites to take the oral part of the exam

The following requirements must be met to take the oral part of the exam:

- The written project, is the basis for the exam and the assessment thereof and must:
 - fulfil the formal requirements (see above)
 - be handed-in on time, in accordance with the exam schedule, which is available on Study Update

- the content must be credible.

Non-compliance with one or more of the prerequisites will preclude the student from taking the exam, and the student will have used one exam attempt.

Assessment criteria

The assessment criteria for the exam are identical to the learning objectives for the first year of study.

The learning objectives are specified in the national curriculum. The exam has an external co-examiner.

One total, individual assessment is awarded based on an overall assessment of the student's written product report and product and the oral performance.

The actual exam and the continuous assessment activities will be evaluated separately. The exam and the continuous assessment assignments are assessed according to the Danish 7-point scale.

One overall mark is given, the actual exam is weighted 70% and the continuous assessment activities are weighted 30% of the final mark for the first-year exam.

When calculating the weighted average of the continuous assessment activities and the exam, the mark will be rounded up if it is halfway between two marks on the marking scale. There will be no rounding if the overall mark is under 02. The overall mark will be shown on the diploma.

If a student fails the exam, the student must do a re-exam in the project part. The mark for the continuous assessment activities will be transferred for the re-exam regardless of whether the continuous assessment activities have been passed or failed, i.e. it doesn't matter whether the overall assessment is above or below 02.

Re-examination

For a re-exam, a new project and new report must be prepared. The Academy decides whether the new project must be based on the same problem statement as the project work that was the basis for the regular exam or whether a new problem statement must be prepared. A re-exam can be done on the basis of an individual project, as well as a group project. The exam is conducted in the same way as the regular exam.

3.4. Third semester exam: Specialisation (25 ECTS)

Learning objectives for the exam

The assessment criteria for the exam are identical to the learning objectives for the elective element 1a: Network technology and IT security, or 1b: Embedded technology and electronics in systems (both described in section 2).

Exam form and organisation

The third semester exam consists of a continuous assessment activity as well as an individual oral examination based on a written group project and an oral individual examination. Exam weight: 25 ECTS.

The continuous assessment activities

The continuous assessment activities consist of a series of activities spread over the 3rd semester.

For each individual continuous assessment activity, percentage points will be awarded, which at the end of the 3rd semester will be converted to a mark which is weighted 1/3 of the mark for the third semester exam. The continuous assessment activities are made up of three types of activities, as described in more detail in the following.

For **attendance**, which is based on registration or a quiz, students must be present for teaching when the quiz is conducted. Students can follow their attendance record their and number of answered quizzes on Canvas. Students' attendance and the quizzes are worth 1/3 of the 1/3 total the continuous assessment activities are weighted.

The **tasks** are weighted on the basis of the academic content. Students can follow their handed-in tasks and the percentage points these are awarded on Canvas. These tasks are worth 2/3 of the 1/3 total which the continuous assessment activities are weighted.

The individual assessment activities are described below:

Assessment activities	Time placement / frequency	Credits	Assessment
A. Attendance at teaching activities	Continuously on the 3rd semester	1/3 of the points	Participation in the daily quiz or attendance registration in Canvas.
B. Task solution	Continuously on the 3rd semester	2/3 of the points	The tasks compiled with points in Canvas and when handed in. An overview and a schedule will be available on Canvas at the beginning of the semester.
Point scale			
	Marks for continuous assessment activities	Percentage points	
	12	94-100%	
	10	85-93%	
	7	75-84%	
	4	60-74%	
	02	50-59%	
	00	31-49%	
	-3	0-30%	

The students have one attempt to complete each of the continuous assessment activities D and E. With undocumented absence or hand-in without content, the students will get the lowest points according to the table above. If the student has a documented absence due to illness, or maternity/paternity leave a new task will be assigned. This only applies to continuous assessment

activity E. In the case of a documented absence due to illness or maternity/paternity leave for continuous assessment activity D, attendance will be calculated proportionally.

Exam

The exam is an individual oral examination based on a written group project and an oral individual examination. There can only be a maximum of four students in a group.

The exam process

The students present their project individually (max 10 minutes), this is followed by an examination, where a question concerning the curriculum for the compulsory subjects on the third semester is drawn. The entire examination time is 25 minutes, including assessment.

Formal requirements for a written project

A project report must be handed in as well as a product.

For the written part of the exam, the project report must contain at least:

- Front page with title
- Table of contents
- Introduction
- Main section
- Conclusion
- Bibliography (including all sources that have been referenced)
- Appendices (only include appendices essential to the report)
- Submission in machine readable form

The project report must not exceed 40 standard pages, regardless of the group size. The front page, table of contents, bibliography and appendices do not count in the required number of pages. Appendices will not be assessed.

One standard page is 2,400 keystrokes which includes spaces and footnotes. This does not include front page, table of contents, bibliography and appendices.

Prerequisites to take the exam

The following requirements must be met to take the exam:

- The third semester exam, which forms the basis of assessment and examination, must comply with the formal requirements and must be submitted on time in accordance with the examination plan available on Study Update.

Non-compliance of the above prerequisites or in the event that the internship project is not handed in correctly, will mean that the student will not be able to take part in the exam and one exam attempt will have been used.

Assessment criteria

The assessment criteria for the exam are identical to the learning objectives for the specialisation. The learning objectives for the specialisation can be found in section 2.

One total, individual mark is awarded based on an overall assessment of the student's written product report and the oral performance.

The actual exam and the continuous assessment activities will be evaluated separately. The exam and the continuous assessment assignments are assessed according to the Danish 7-point scale.

One overall mark is given, the actual exam is weighted 2/3 and the continuous assessment activities are weighted 1/3 of the final mark for the elective element exam.

When calculating the weighted average of the continuous assessment activities and the exam, the mark will be rounded up if it is halfway between two marks on the marking scale. There will be no rounding if the overall mark is under 02. The overall mark will be shown on the diploma.

If a student fails the exam, the student must do a re-exam in the project part. The mark for the continuous assessment activities will be transferred for the re-exam regardless of whether the continuous assessment activities have been passed or failed, i.e. it doesn't matter whether the overall assessment is above or below 02.

The exam is assessed according to the 7-point scale and has an internal co-examiner.

Changed to:

3.3. First year exam, 60 ECTS

Learning objectives for the exam

The assessment criteria for the exam are identical to the learning objectives for the first year of study.

The learning objectives are specified in the national part of the curriculum.

The exam form and organisation including any formal requirements

The first-year exam consists of an individual oral exam on the basis of a group project. The exam in an individual, oral exam based on a group project as well as the curriculum for the first and second semester.

Exam

The exam is an individual oral exam based on a group project and product. There can only be a maximum of four students in a group.

The exam process:

1. Group presentation based on a product and a report: max. 20 minutes for each group
2. 25-minute individual examination, which is based on the project, and an exam question drawn by the student that is based on the curriculum. Each student from the group is examined individually as follows:
 - a. The students present the technical aspects of their individual parts of the project, including their role and learning during the course of the project (about 10 minutes).

- b. The students answer a question they have drawn which is based on the compulsory programme elements from the first and second semester's curriculum (about 10 minutes).
3. Deliberation and communication of marks: 5 minutes.

Exam weight: 60 ECTS

Formal requirements for a written project

A project report must be handed in as well as a product.

For the written part of the exam, the project report must contain at least:

- Front page with title
- Table of contents
- Introduction
- Main section
- Conclusion
- Bibliography (including all sources that have been referenced)
- Appendices (only include appendices essential to the report)
- Hand-in electronically.

The project report must have a maximum of 40 standard pages for a group regardless of group size. Group size is max 4 persons. The front page, table of contents, bibliography and appendices do not count in the required number of pages. Appendices will not be assessed.

One standard page is 2,400 keystrokes which includes spaces and footnotes. This does not include front page, table of contents, bibliography and appendices.

Prerequisites to take the oral part of the exam

The following requirements must be met to take the oral part of the exam:

- The written project, is the basis for the exam and the assessment thereof and must:
 - fulfil the formal requirements (see above)
 - be handed-in on time, in accordance with the exam schedule, which is available on Study Update
 - the content must be credible.

Non-compliance with one or more of the prerequisites will preclude the student from taking the exam, and the student will have used one exam attempt.

Assessment criteria

The assessment criteria for the exam are identical to the learning objectives for the first year of study.

The learning objectives are specified in the national curriculum. The exam has an external co-examiner.

One total, individual assessment is awarded based on an overall assessment of the student's written product report and product and the oral performance.
The exam is assessed according to the 7-point scale.

Re-examination

For a re-exam, a new project and new report must be prepared. The Academy decides whether the new project must be based on the same problem statement as the project work that was the basis for the regular exam or whether a new problem statement must be prepared. A re-exam can be done on the basis of an individual project, as well as a group project. The exam is conducted in the same way as the regular exam.

3.4. Third semester exam: Specialisation (25 ECTS)

Learning objectives for the exam

The assessment criteria for the exam are identical to the learning objectives for the elective element 1a: Network technology and IT security, or 1b: Embedded technology and electronics in systems (both described in section 2).

Exam form and organisation

The third semester exam consists of an individual oral examination based on a written group project and an oral individual examination. Exam weight: 25 ECTS.

Exam

The exam is an individual oral examination based on a written group project and an oral individual examination. There can only be a maximum of four students in a group.

The exam process

The students present their project individually (max 10 minutes), this is followed by an examination, where a question concerning the curriculum for the compulsory subjects on the third semester is drawn. The entire examination time is 25 minutes, including assessment.

Formal requirements for a written project

A project report must be handed in as well as a product.

For the written part of the exam, the project report must contain at least:

- Front page with title
- Table of contents
- Introduction
- Main section
- Conclusion
- Bibliography (including all sources that have been referenced)
- Appendices (only include appendices essential to the report)
- Submission in machine readable form

The project report must not exceed 40 standard pages, regardless of the group size. The front page, table of contents, bibliography and appendices do not count in the required number of pages. Appendices will not be assessed.

One standard page is 2,400 keystrokes which includes spaces and footnotes. This does not include front page, table of contents, bibliography and appendices.

Prerequisites to take the exam

The following requirements must be met to take the exam:

- The third semester exam, which forms the basis of assessment and examination, must comply with the formal requirements and must be submitted on time in accordance with the examination plan available on Study Update.

Non-compliance of the above prerequisites or in the event that the internship project is not handed in correctly, will mean that the student will not be able to take part in the exam and one exam attempt will have been used.

Assessment criteria

The assessment criteria for the exam are identical to the learning objectives for the specialisation.

The learning objectives for the specialisation can be found in section 2.

One total, individual mark is awarded based on an overall assessment of the student's written product report and the oral performance.

The exam is assessed according to the 7-point scale and has an internal co-examiner.