

## Transcript of records

Name: **Islam, Md Saidul**

Date of Birth: 1995-11-09

The student has completed the following examinations at UiT The Arctic University of Norway:

| Course        | Semester  | Credits     | Grade        | Grade <sup>1)</sup> distribution |   |   |   |   |  |
|---------------|---|-------------|--------------|----------------------------------|---|---|---|---|--|
|               |   |             |              | A                                | B | C | D | E |  |
| DTE-3801      | Partial differential equations  | 2022 autumn | 5            | Pass                             |   |   |   |   |  |
| HMS-0501      | Safety in the laboratory, workshop and on sea and land expeditions.   | 2022 autumn | -            | Pass                             |   |   |   |   |  |
| HMS-0502      | First aid in the laboratory, workshop and on sea and land expeditions   | 2022 autumn | -            | Pass                             |   |   |   |   |  |
| MAT-3800      | Linear Algebra II   | 2022 autumn | 5            | C                                |   |   |   |   |  |
| MAT-3802      | Discrete Mathematics with Game- and Graph Theory  | 2022 autumn | 5            | E                                |   |   |   |   |  |
| DTE-3604      | Applied Geometry and Special Effects  | 2023 spring | 5            | E                                |   |   |   |   |  |
| DTE-3607      | Systems Programming for Computational Mechanics   | 2023 spring | 10           | C                                |   |   |   |   |  |
| DTE-3608      | Artificial Intelligence and Intelligent Agents - theory   | 2023 spring | 5            | C                                |   |   |   |   |  |
| END-3607      | Geometric Modelling   | 2023 spring | 5            | A                                |   |   |   |   |  |
| MAT-3801      | Numerical Methods   | 2023 spring | 5            | B                                |   |   |   |   |  |
| TEK-3501      | Innovation and Economy  | 2023 spring | 5            | A                                |   |   |   |   |  |
| DTE-3601      | Simulations   | 2023 autumn | 5            | A                                |   |   |   |   |  |
| DTE-3609      | Virtual Reality, Graphics and Animation - theory  | 2023 autumn | 5            | C                                |   |   |   |   |  |
| DTE-3611      | Algorithms - Design and Analysis  | 2023 autumn | 10           | C                                |   |   |   |   |  |
| TEK-3500      | Innovation and Management   | 2023 autumn | 5            | A                                |   |   |   |   |  |
| DTE-3605      | Virtual Reality, Graphics and Animation - Project   | 2024 autumn | 5            | D                                |   |   |   |   |  |
| DTE-3606      | Artificial Intelligence and Intelligent Agents- project   | 2024 autumn | 5            | C                                |   |   |   |   |  |
| DTE-3612      | FEM theory and implementation   | 2024 autumn | 5            | C                                |   |   |   |   |  |
| DTE-3900      | Master's Thesis – Applied Computer Science Automated Data Analysis with Large Language Models for Warehouse Robotics Applications | 2025 spring | 30           | B                                |   |   |   |   |  |
| <b>Total:</b> |   |             | <b>120.0</b> |                                  |   |   |   |   |  |

1) For an explanation of the grade distribution, see the last page.

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## Credit system and grading

The academic year normally runs from mid-August to mid-June and lasts for 10 months. Courses are measured in "studiepoeng", considered equivalent to the European Credit Transfer System standard (ECTS credits). The full-time workload for one academic year is 1500 - 1800 hours of study / 60 "studiepoeng".

The Norwegian grading system consists of two grading scales: one scale with the grades pass or fail and one graded scale from A to E for pass and F for fail. The graded scale has the following qualitative descriptions:

|          |              |   |
|----------|--------------|---|
| <b>A</b> | Excellent    | An excellent performance, clearly outstanding. The candidate demonstrates excellent judgement and a very high degree of independent thinking.       |
| <b>B</b> | Very good    | A very good performance. The candidate demonstrates sound judgement and a high degree of independent thinking.                                      |
| <b>C</b> | Good         | A good performance in most areas. The candidate demonstrates a reasonable degree of judgement and independent thinking in the most important areas. |
| <b>D</b> | Satisfactory | A satisfactory performance, but with significant shortcomings. The candidate demonstrates a limited degree of judgement and independent thinking.   |
| <b>E</b> | Sufficient   | A performance that meets the minimum criteria, but no more. The candidate demonstrates a very limited degree of judgement and independent thinking. |
| <b>F</b> | Fail         | A performance that does not meet the minimum academic criteria. The candidate demonstrates an absence of both judgement and independent thinking.   |

The assessment is criterion referenced.

## Grade distribution

The distribution of grades is shown by the percentage for courses using the graded scale A – F. Fail (F) is not included in the distribution. All results from the last five years are included in the calculation. The distribution is also shown for courses that have been active for less than five years. There has to be at least 10 approved results during the period.