

Norwegian University of Science and Technology

Transcript of records



Name: **Hofstad, Jørn Bøni**

National identity: 070696 41908

The student has completed the following examinations at Norwegian University of Science and Technology:

Course	Semester	Credits	Grade	Grade ¹⁾ distribution				
				A	B	C	D	E
HMS0002	Health, Safety and Environment (HSE) course for 1st year students	-	Passed					
TDT4110	Information Technology, Introduction	2015 autumn	7.5	B				
TFE4101	Electrical Circuits and Digital Design	2015 autumn	7.5	B				
TMA4100	Calculus 1	2015 autumn	7.5	C				
TTK4100	Computerized Control, Introduction	2015 autumn	7.5	B				
EXPH0004	Examen philosophicum for Science and Technology	2016 spring	7.5	C				
TDT4102	Procedural and Object-Oriented Programming	2016 spring	7.5	A				
TMA4105	Calculus 2	2016 spring	7.5	A				
TMA4115	Calculus 3	2016 spring	7.5	B				
TDT4160	Computers and Digital Design	2016 autumn	7.5	A				
TFY4115	Physics	2016 autumn	7.5	A				
TMA4120	Calculus 4K	2016 autumn	7.5	A				
TMA4240	Statistics	2016 autumn	7.5	D				
TTK4240	Industrial Electrotechnics	2016 autumn	7.5	A				
TEP4100	Fluid Mechanics	2017 spring	7.5	D				
TTK4105	Control Systems	2017 spring	7.5	A				
TTK4235	Embedded Systems	2017 spring	7.5	B				
TTM4100	Communication - Services and Networks	2017 spring	7.5	B				
TDT4120	Algorithms and Data Structures	2017 autumn	7.5	A				
TIØ4258	Technology Management	2017 autumn	7.5	B				
TTK4115	Linear System Theory	2017 autumn	7.5	B				
TTK4155	Embedded and Industrial Computer Systems Design	2017 autumn	7.5	B				
TDT4125	Algorithm Construction	2018 spring	7.5	B				
TTK4130	Modelling and Simulation	2018 spring	7.5	C				
TTK4135	Optimization and Control	2018 spring	7.5	B				
TTK4145	Real-time Programming	2018 spring	7.5	B				
TDT4200	Parallel Computing	2018 autumn	7.5	B				
TTK4147	Real-time Systems	2018 autumn	7.5	B				

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

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					Grade ¹⁾ distribution				
Course		Semester	Credits	Grade	A	B	C	D	E
TTK4150	Nonlinear Control Systems	2018 autumn	7.5	B	■	■	■	■	■
TTK4215	Adaptive Control	2018 autumn	7.5	C	■	■	■	■	■
TTK4220	Dynamics in Social Systems	2019 autumn	7.5	C	■	■	■	■	■
TTK4550	Engineering Cybernetics, Specialization Project	2019 autumn	15	C	■	■	■	■	■
TTK4555	Engineering Cybernetics, Specialization Course	2019 autumn	7.5	C	■	■	■	■	■
		Total:	247.5						

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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:

A	Excellent	An excellent performance, clearly outstanding. The candidate demonstrates excellent judgement and a very high degree of independent thinking.
B	Very good	A very good performance. The candidate demonstrates sound judgement and a high degree of independent thinking.
C	Good	A good performance in most areas. The candidate demonstrates a reasonable degree of judgement and independent thinking in the most important areas.
D	Satisfactory	A satisfactory performance, but with significant shortcomings. The candidate demonstrates a limited degree of judgement and independent thinking.
E	Sufficient	A performance that meets the minimum criteria, but no more. The candidate demonstrates a very limited degree of judgement and independent thinking.
F	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.