JÖNKÖPING UNIVERSITY

Official Transcript of Records

Oskar Neuman
19890128-4854 · 2020-04-28

Degree
Degree of Bachelor of Science, 180 hp
Degree specialisation: in Computer Engineering
Issued: 2020-03-02
Date of completed studies: 2020-02-04

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Degree of Bachelor of Science, 180 hp
Main field of study: Computer Engineering
Issued: 2020-03-02
Date of completed studies: 2020-02-04

Completed courses		Scope	Grade	Date	Note
TGMG13	**Basic Mathematics and Chemistry**	6.0 hp	3	2016-10-09	1
1301	Examination	(4.5 hp)	3	2016-10-09	1
1302	Laboratory work and Assignments	(1.5 hp)	G	2016-10-09	2
TG1G13	**Basic Physics 1**	9.0 hp	4	2016-12-17	1
1301	Examination	(6.0 hp)	4	2016-12-17	1
1302	Laboratory work and Assignments	(3.0 hp)	G	2016-12-17	2
TIPK13	**Introduction to Programming**	9.0 hp	3	2017-01-09	1
1301	Examination	(3.0 hp)	3	2016-12-20	1
1302	Project work	(3.0 hp)	4	2016-12-20	1
1303	Laboratory work	(3.0 hp)	G	2017-01-09	2
TDIG13	**Introduction to Computer Technology**	6.0 hp	3	2017-01-27	1

TGMG13 Grading table:

Grade	Number	Percentage
5	27	11.0
4	73	29.7
3	146	59.3

TG1G13 Grading table:

Grade	Number	Percentage
5	18	9.4
4	56	29.3
3	117	61.3

TIPK13 Grading table:

Grade	Number	Percentage
5	51	24.3
4	75	35.7
3	84	40.0

Completed courses		Scope	Grade	Date	Note

	Grading table:	Grade	Number	Percentage				
		5	29	8.6				
		4	125	37.0				
		3	184	54.4				

Code	Course	Scope	Grade	Date	Note
1301	Examination	(4.0 hp)	3	2016-10-11	1
1302	Laboratory work	(2.0 hp)	G	2017-01-27	2
TVEG13	**Research Methods and Communication**	6.0 hp	4	2017-03-20	1

	Grading table:	Grade	Number	Percentage
		5	181	13.5
		4	615	45.7
		3	549	40.8

Code	Course	Scope	Grade	Date	Note
1301	Examination	(3.0 hp)	4	2017-03-04	1
1302	Assignments and Seminar	(3.0 hp)	G	2017-03-20	2
TRDK14	**Relational Databases**	6.0 hp	5	2017-04-23	1

	Grading table:	Grade	Number	Percentage
		5	20	19.0
		4	32	30.5
		3	53	50.5

Code	Course	Scope	Grade	Date	Note
1403	Exercise 1	(1.0 hp)	G	2017-04-21	2
1404	Exercise 2	(1.0 hp)	G	2017-04-21	2
1401	Examination 1	(2.0 hp)	5	2017-04-23	1
1402	Examination 2	(2.0 hp)	5	2017-04-23	1
TOMK14	**Object-Oriented Software Development**	12.0 hp	5	2017-05-19	1

	Grading table:	Grade	Number	Percentage
		5	27	16.6
		4	55	33.7
		3	81	49.7

Code	Course	Scope	Grade	Date	Note
1601	Examination A	(4.0 hp)	5	2017-03-06	1
1603	Examination B	(4.0 hp)	5	2017-04-22	1
1602	Laboratory work and project work A	(2.0 hp)	G	2017-05-19	2
1604	Laboratory work and project work B	(2.0 hp)	G	2017-05-19	2
TWJK14	**Web Development with JavaScript and DOM**	6.0 hp	3	2017-05-31	1

	Grading table:	Grade	Number	Percentage
		5	22	19.3
		4	41	36.0
		3	51	44.7

Code	Course	Scope	Grade	Date	Note
1402	Examination	(2.0 hp)	4	2017-05-30	1
1401	Project	(4.0 hp)	3	2017-05-31	1
TGUK14	**GUI Programming**	6.0 hp	5	2017-10-13	1

	Grading table:	Grade	Number	Percentage
		5	37	28.2
		4	45	34.4
		3	49	37.4

Code	Course	Scope	Grade	Date	Note
1401	Laboratory work	(3.0 hp)	G	2017-10-13	2
1402	Project	(3.0 hp)	5	2017-10-13	1
TDMG13	**Discrete Mathematics**	6.0 hp	4	2017-10-22	1

Completed courses			Scope	Grade	Date	Note
	Grading table:	Grade Number Percentage 5 43 14.4 4 104 34.9 3 151 50.7				
1301	Examination		(6.0 hp)	4	2017-10-22	1
TMSG14	**Mathematical Statistics**		6.0 hp	5	2017-12-10	1
	Grading table:	Grade Number Percentage 5 80 14.0 4 209 36.5 3 283 49.5				
1401	Examination		(6.0 hp)	5	2017-12-10	1
TDSK14	**Data Structures and Algorithms**		9.0 hp	3	2017-12-19	1
	Grading table:	Grade Number Percentage 5 27 17.2 4 57 36.3 3 73 46.5				
1401	Examination		(6.0 hp)	3	2017-12-19	1
1402	Laboratory work		(3.0 hp)	G	2017-12-19	2
TLFG13	**Linear Algebra and Function Theory**		9.0 hp	4	2018-04-08	1
	Grading table:	Grade Number Percentage 5 162 13.7 4 371 31.3 3 652 55.0				
1301	Examination, Linear Algebra		(7.5 hp)	4	2018-03-17	1
1302	Examination, Function Theory		(1.5 hp)	G	2018-04-08	2
TLPG13	**Leadership and Project Management**		6.0 hp	4	2018-04-18	1
	Grading table:	Grade Number Percentage 5 106 15.5 4 348 50.9 3 230 33.6				
1401	Examination		(3.0 hp)	4	2017-12-14	1
1402	Assignments		(3.0 hp)	G	2018-04-18	2
TNPK15	**Network Programming**		6.0 hp	4	2018-04-23	1
	Grading table:	Grade Number Percentage 5 26 24.1 4 42 38.9 3 40 37.0				
1501	Examination		(4.0 hp)	4	2018-04-23	1
1502	Laboratory work		(2.0 hp)	G	2018-04-23	2
TNDN15	**Industrial Placement Course in Computer Engineering**		12.0 hp	G	2018-06-16	2
	Grading table:	Grade Number Percentage G 196 100.0				
1501	Work placement		(9.0 hp)	G	2018-06-15	2
1502	Report and presentation		(3.0 hp)	G	2018-06-16	2
TFIN18	**Research Methods in Computer Science and Informatics**		7.5 hp	4	2018-10-16	1
1802	Laboratory work, exercises and seminars		(4.5 hp)	G	2018-10-12	2
1801	Written Examination		(3.0 hp)	4	2018-10-16	1

Completed courses		Scope	Grade	Date	Note
TOSK14	**Operating System Theory**	6.0 hp	3	2018-10-27	1

	Grading table:	Grade	Number	Percentage
		5	23	20.9
		4	52	47.3
		3	35	31.8

		Scope	Grade	Date	Note
1402	Laboratory work and project work	(3.0 hp)	G	2018-10-21	2
1401	Examination	(3.0 hp)	3	2018-10-27	1
TIHK18	**Introduction to Information Security**	3.0 hp	4	2018-12-09	1
1801	Laboratory Work and Project Work	(3.0 hp)	4	2018-12-09	1
TMTN15	**Internet and Cloud Services**	6.0 hp	4	2018-12-14	1

	Grading table:	Grade	Number	Percentage
		5	35	30.2
		4	38	32.8
		3	43	37.1

		Scope	Grade	Date	Note
1501	Written examination	(3.0 hp)	4	2018-12-13	1
1502	Project	(3.0 hp)	4	2018-12-14	1
TISK18	**iOS Development**	7.5 hp	5	2018-12-17	1
1801	Project Work	(5.0 hp)	5	2018-12-10	1
1802	Laboratory Work	(2.5 hp)	G	2018-12-17	2
TAGK19	**Android Development**	7.5 hp	4	2019-03-24	1
1902	Laboratory Work	(1.5 hp)	G	2019-03-15	2
1901	Project Work	(6.0 hp)	4	2019-03-24	1
TPWK18	**Server-side Web Development**	9.0 hp	4	2019-04-07	1
1801	Examination	(4.5 hp)	4	2019-04-04	1
1802	Laboratory work and project work	(4.5 hp)	5	2019-04-07	1
TG2G14	**Basic Physics 2**	6.0 hp	3	2019-05-24	1

	Grading table:	Grade	Number	Percentage
		5	31	11.4
		4	64	23.5
		3	177	65.1

		Scope	Grade	Date	Note
1401	Examination	(4.0 hp)	3	2019-05-24	1
1402	Laboratory work and Assignments	(2.0 hp)	G	2019-05-24	2
TAGN18	**Agile Project**	7.5 hp	5	2019-05-28	1
1901	Written examination	(3.0 hp)	G	2019-05-27	2
1902	Project Work	(4.5 hp)	5	2019-05-28	1
TEEG14	**Industrial Management, Entrepreneurship and Marketing**	6.0 hp	4	2019-10-24	1

	Grading table:	Grade	Number	Percentage
		5	269	24.4
		4	444	40.3
		3	390	35.4

		Scope	Grade	Date	Note
14H2	Assignment and seminar	(2.0 hp)	G	2019-10-24	2
14H1	Examination	(4.0 hp)	4	2019-10-24	1
TETP16	**Final Project Work in Computer Engineering**	15.0 hp	3	2020-02-04	1

Completed courses				Scope	Grade	Date	Note
	Grading table:	Grade	Number Percentage				
		5	19	13.6			
		4	55	39.3			
		3	66	47.1			
1501	Examination			(15.0 hp)	3	2020-02-04	1

60 credits (hp) represent a full academic year.

Notes
1   Grading scale: Five (5), Four (4), Three (3)
2   Grading scale: Pass (G)

A grading table is shown for courses where the same grading scale has been used during at least two years.

The above is an excerpt from the register of student records.