

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Construction Engineering, 120 cr

Construction Engineering, 120 cr B13

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
1N1114 Ethics for Engineers <i>The course will be given from 03/04</i>	5	B	16	-	-	-			3		10 h Seminars
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production*_	5	B	18	4	-	12			3		
6A2921 Coordinated Computer Aided Design*_	4	B	24	18	-	-			3	4	
6A2933 Oral and Written Presentation Techniques, Advanced Course*_	4	B	-	-	-	-			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			3		
6D2944 Organisational Development and Leadership*_	4	AB	-	-	-	-			3		
6E3801 Management and Leadership*_ <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6H3201 Concrete Structure, Advanced Course	5	C	-	-	-	-			3		
6S3405 Logistics*_ <i>Under bearbetning</i>	5		-	-	-	-			3		
9E1310 Engineering English, Intermediate Level*_	4	B	-	-	56	-			3		

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Construction Engineering, 120 cr

Construction Management BI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6A2800 Degree Project <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6A2831 Quality Assurance <i>Under bearbetning</i>	4	C	20	8	-	-	1				
6A2832 Design of Heating and Ventilation Services <i>Under bearbetning</i>	4	C	30	15	-	-	1				Projektuppgift 15h
6A2833 Design of Timber Structures <i>Under bearbetning</i>	4	C	22	38	-	-		2			
6A2841 Law <i>Under bearbetning</i>	4	C	50	-	-	-		2			
6A2852 Tendering <i>Under bearbetning</i>	4	C	40	-	-	-	1				
6A2853 Project Construction Management <i>Under bearbetning</i>	6	C	48	-	-	-			3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Construction Engineering, 120 cr

Structural Design BI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6A2800 Degree Project <i>Under bearbetning</i>	10	C	-	-	-	-					4	
6A2831 Quality Assurance <i>Under bearbetning</i>	4	C	20	8	-	-	1					
6A2832 Design of Heating and Ventilation Services <i>Under bearbetning</i>	4	C	30	15	-	-	1					Projektuppgift 15h
6A2833 Design of Timber Structures <i>Under bearbetning</i>	4	C	22	38	-	-		2				
6A2861 Water Supply and Wastewater Treatment <i>Under bearbetning</i>	4	C	24	14	-	8	1					
6A2862 Structural Design of Foundations and Masonry	4	C	30	20	-	8		2				
6A2863 Project Design <i>Under bearbetning</i>	6	C	40	10	-	-			3			

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Constructional Engineering and Design

Constructional Engineering and Design TIBYH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2200 Engineering project	5	B	-	-	-	-			3		
6H2201 Bulding Physics	5	B	-	-	-	-	1				
6H2202 Structural Mechanics 1	5	B	-	-	-	-		2			
6H2203 Structural Mechanics 2	5	B	-	-	-	-			3		
6H2204 Surveying and Mathematical Statistics	5	B	-	-	-	-				4	
6H2900 Engineering and Information Skills	5	B	-	-	-	-	1				
6H2901 Mathematics I	5	B	-	-	-	-		2			
6H2902 Business Economics and Organizational Behaviour	5	B	-	-	-	-				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Constructional Engineering and Design

Constructional Engineering and Design TIBYH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2205 Project, Civil Engineering Management	5	B	-	-	-	-	1				
6H2206 Fluid Mechanics	5	B	-	-	-	-		2			
6H2207 Structural design in civil engineering	5	B	-	-	-	-		2			
6H2208 No translation	5	B	-	-	-	-			3		
6H2209 Urban Planning	5	B	-	-	-	-			3		
6H2210 Structure and Design	5	B	-	-	-	-				4	
6H2211 Geology and soil mechanics	5	B	-	-	-	-				4	
6H2903 Environmental Science and Work Science	5	B	-	-	-	-	1				

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben



KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Construction engineering and Economics, 120 cr

Construction engineering and Economics, 120 cr BEK3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6A2955 Marketing	5	B	-	-	-	-			3			
Elective Courses												
6A2925 Accounting, Intermediate Course <i>Under bearbetning</i>	5	B	-	-	-	-						
6A2927 Economic Analysis, Advanced Course <i>Under bearbetning</i>	5	B	-	-	-	-						

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Construction engineering and Economics, 120 cr

Construction Management BEK3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6A2800 Degree Project <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6A2831 Quality Assurance <i>Under bearbetning</i>	4	C	20	8	-	-	1				
6A2832 Design of Heating and Ventilation Services <i>Under bearbetning</i>	4	C	30	15	-	-	1				Projektuppgift 15h
6A2833 Design of Timber Structures <i>Under bearbetning</i>	4	C	22	38	-	-		2			
6A2841 Law <i>Under bearbetning</i>	4	C	50	-	-	-		2			
6A2852 Tendering <i>Under bearbetning</i>	4	C	40	-	-	-	1				
6A2853 Project Construction Management <i>Under bearbetning</i>	6	C	48	-	-	-			3		

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Construction engineering and Economics, 120 cr

Structural Design BEK3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6A2800 Degree Project <i>Under bearbetning</i>	10	C	-	-	-	-				4	
6A2831 Quality Assurance <i>Under bearbetning</i>	4	C	20	8	-	-	1				
6A2832 Design of Heating and Ventilation Services <i>Under bearbetning</i>	4	C	30	15	-	-	1				Projektuppgift 15h
6A2833 Design of Timber Structures <i>Under bearbetning</i>	4	C	22	38	-	-		2			
6A2861 Water Supply and Wastewater Treatment <i>Under bearbetning</i>	4	C	24	14	-	8	1				
6A2862 Structural Design of Foundations and Masonry	4	C	30	20	-	8		2			
6A2863 Project Design <i>Under bearbetning</i>	6	C	40	10	-	-			3		

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Computer Engineering, 120 cr

Computer Engineering, 120 cr DI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
1N1114 Ethics for Engineers <i>The course will be given from 03/04</i>	5	B	16	-	-	-			3		10 h Seminars
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production*_	5	B	18	4	-	12			3		
6A2933 Oral and Written Presentation Techniques, Advanced Course*_	4	B	-	-	-	-			3		
6A2961 UML and Design Patterns*_	5	C	-	-	-	-			3		
6A2995 Applied Data Communications*_	4	B	-	-	-	-			3		
6A2996 Systems Development Project*_	4	C	-	-	-	-			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			3		
6B2964 Advanced Routing <i>Under bearbetning</i>	5	B	-	-	-	-			3	4	
6B3004 Functional and Logical Programming <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6B3021 Game- and 3D-programming <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6D2944 Organisational Development and Leadership*_	4	AB	-	-	-	-			3		
6E2955 Design Patterns	5	C	-	-	-	-			3		
6E2956 Computer Graphics Using OpenGL <i>Under bearbetning</i>	5	C	28	-	-	28			3		
6E2969 Java, Intermediate Course*_	4	C	16	-	-	24			3		
6E3801 Management and Leadership*_ <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6S3405 Logistics*_ <i>Under bearbetning</i>	5		-	-	-	-			3		
9E1310 Engineering English, Intermediate Level*_	4	B	-	-	56	-			3		

*The course has limited participation

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer Engineering, 120 cr

Industrial Economy and Entrepreneurship DI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2286 Degree Project in Industrial Economy and Entrepreneurship	10	C	-	-	-	-				4	
6B3001 Databases <i>Under bearbetning</i>	8	C	86	18	-	48	1	2			
6B3201 Design Methods	4	C	-	-	-	-	1	2			
6B3205 Industrial Economics I	6	C	-	-	-	-	1		3		
6B3286 Terms for Contractors	4	C	-	-	-	-	1	2			
6B3290 Management	4	C	14	28	-	-			3		
Conditionally Elective Courses											
6B3212 Mechatronic Components	4	C	-	-	-	-	1	2			
6B3280 Computer Aided Design in 3-D	4	C	-	-	-	-		2	3		
6B3288 Industrial Economics, Advanced Course	4	C	-	-	-	-	1	2			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer Engineering, 120 cr

Industrial Business Administration and Manufacturing DI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6E3500 <u>Industrial Business Administration and Marketing</u>	10	C	92	4	-	20	1	2	3		
6E3504 <u>Law for Engineers</u>	3	B	36	4	-	-		2			
6E3540 <u>Computer Networks</u> <i>Under bearbetning</i>	5	C	-	-	-	-	1		3		
6E3547 <u>Quality Assurance</u>	2	B	-	-	-	-	1				
6E3548 <u>Quality Management</u>	3	C	-	-	-	-		2			
6E3551 <u>Database Technology</u> <i>Under bearbetning</i>	4	C	-	-	-	-		2			
6E3581 <u>Degree Project in Industrial Business Adm. & Manufacturing</u>	10	C	-	-	-	-				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer Engineering, 120 cr

Software Engineering DI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2091 Degree Project in Software Engineering	10	C	-	-	-	-				4	
6B3001 Databases <i>Under bearbetning</i>	8	C	86	18	-	48	1	2			
6B3005 A Project of Databases and Transactions <i>Under bearbetning</i>	6	C	2	-	-	-			3		
6B3016 IT-projects, Management and Tools <i>Under bearbetning</i>	4	C	-	-	-	-	1	2			
6B3017 Software Components <i>Under bearbetning</i>	5	C	37	-	-	80	1	2			
6B3019 Secure Transactions <i>Under bearbetning</i>	3	C	26	-	-	26		2			
Conditionally Elective Courses											
6B3004 Functional and Logical Programming <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6B3012 Analytical Methods in Software Engineering Economics <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6B3015 Selectable Specialisation <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6B3021 Game- and 3D-programming <i>Under bearbetning</i>	4	C	-	-	-	-			3		
Elective Courses											
6B3042 System Performance and Simulation	4	C	-	-	-	-		2	3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Computer Engineering, 120 cr

Software Design DI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6A2000 Degree Project	10	C	2	-	-	-				4	
6A2050 The Operating System Windows	6	C	28	24	-	16			3		
6A2051 Programming Languages	4	C	24	4	-	16	1				
6A2052 Local and Global Networks	6	C	28	24	-	16	1				
6A2053 Database Project	6	C	16	16	-	-		2			
6A2054 Database Technology	4	C	45	-	-	16		2			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer Engineering, 120 cr

Real Time Systems DI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6E3522 <u>Object Oriented Modelling</u>	2	C	20	-	-	8	1				
6E3524 <u>Realtime, Windows and Graphics</u>	5	C	28	32	-	-	1				
6E3526 <u>Algorithms and Data Structures, Intermediate Course</u>	3	C	10	-	-	18	1				
6E3541 <u>Realtime Project</u>	3	C	-	-	-	-			3		
6E3557 <u>Realtime Systems</u>	10	C	-	-	-	-		2			
6E3558 <u>Networking with TCP/IP</u>	3	C	20	-	-	22			3		
6E3584 <u>Degree Project in Real Time Systems</u>	10	C	-	-	-	-				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus****Curriculum****Courses, by****Department****TMS Courses****Abbreviations**[Previous academic year \(02/03\)](#)[Next academic year \(04/05\)](#)

Computer Engineering, 120 cr

System Engineering DI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2085 Degree Project in System Engineering	10	C	-	-	-	-				4	
6B3001 Databases <i>Under bearbetning</i>	8	C	86	18	-	48	1	2			
6B3005 A Project of Databases and Transactions <i>Under bearbetning</i>	6	C	2	-	-	-			3		
6B3007 Network Planning and Documentation <i>Under bearbetning</i>	4	C	-	-	-	-	1	2			
6B3008 Secure Network <i>Under bearbetning</i>	4	C	24	-	-	22		2			
6B3018 Internet Protocols <i>Under bearbetning</i>	4	C	28	-	-	40	1				
Conditionally Elective Courses											
6B2932 Linux <i>Under bearbetning</i>	4	B	12	-	-	16			3		
6B3015 Selectable Specialisation <i>Under bearbetning</i>	4	C	-	-	-	-			3		
Elective Courses											
6B3042 System Performance and Simulation	4	C	-	-	-	-		2	3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Computer Engineering, 120 cr

Tele and Data Communication DI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6A2000 Degree Project	10	C	2	-	-	-				4	
6A2116 Telecommunication	6	B	34	20	-	16	1				
6A2166 Mobil Communication	4	C	40	-	-	-			3		
6A2186 Communication Networks	5	C	-	-	-	-	1				
6A2187 The Internet Protocols	5	C	-	-	-	-		2			
6A2188 Queuing Theory	4	C	-	-	-	-		2			
Conditionally Elective Courses											
6A2165 Telecommunication Switching	4	C	-	-	-	-		2	3		
6A2167 Process Programming	4	C	-	-	-	-		2	3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Computer Engineering

Computer Engineering TIDAB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2904 Engineering Skills	5	B	18	4	9	18	1				
6B2905 The Internet	5	B	24	12	-	16			3		
6B2906 Mathematics, Linear Algebra	5	B	24	20	4	16		2			
6B2908 Computer Network Project	5	B	14	-	48	28				4	
6B2910 Computer Technology	6	B	28	12	16	32			3		
6B2911 Digital Design	5	B	24	22	-	20		2			
Conditionally Elective Courses											
6B2907 Object Oriented Programming, General Course	5	B	34	12	-	24	1				
6B2914 Object Oriented Programming using C#	5	B	34	12	-	24	1				
Elective Courses											
6B2114 Digital Systems	4	B	6	4	-	4				4	
6B2408 Multimedia Programming	4	B	14	12	-	10				4	
6B2922 Computer Assisted Technical Information	4	B	-	16	-	-				4	
6B2934 Unix Basics	5	B	6	28	-	36				4	
6B2955 Mechanical Workshop	4	B	-	44	-	-				4	
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				
6B3035 Object Oriented Programming using C# and .NET	5	B	16	8	-	46				4	
9E1362 Spoken and Written Swedish*	4	B	-	-	56	-		2	3		

*The course has limited participation

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Computer Engineering

Computer Engineering TIDAB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2015 <u>Internet Applications</u>	5	B	24	-	-	46		2			
6B2016 <u>Discreet Mathematics</u>	5	B	20	20	-	20	1				
Conditionally Elective Courses											
6B2017 <u>Object Oriented Programming, Intermediate Course, Java</u>	5	B	30	-	-	40	1				
6B2018 <u>Object Oriented Programming, Intermediate Course, C#</u>	5	B	30	-	-	40	1				

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer Engineering

Computer Networking TIDAB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2019 Operating Systems	5	B	20	10	-	40		2			
6B2020 Computer Servers in Local Networks	6	B	40	-	-	40			3	4	
6B2021 Project Work on Local Area Networks	6		20	-	-	-			3	4	
6B2022 Network Protocol	4	B	8	6	-	12			3		
6B2912 Industrial Economics	4	B	16	22	-	8				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)[Next academic year \(04/05\)](#)

Computer Engineering

Software Development TIDAB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2025 Algorithms and Data Structures	5	B	30	-	-	40		2			
6B2026 Object Oriented Design and UML	5	B	30	-	-	40			3		
6B2027 Project on Object Oriented Software Development	6	B	20	-	-	-				4	
6B2912 Industrial Economics	4	B	16	22	-	8			3		
Conditionally Elective Courses											
6B2028 Internet Applications, Intermediate Course, Java	5	C	30	-	-	40				4	
6B2029 Internet Applications, Intermediate Course, .NET with C#	5	C	30	-	-	40				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben



KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

Computer and Electrical Engineering TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
6A2300 <u>Introduction to Mathematics</u> <i>Under bearbetning</i>	1	A	-	-	14	-	1				
6A2301 <u>Introduction to Computer Studies</u> <i>Under bearbetning</i>	1	A	-	-	14	-	1				

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2000 Computer Engineering Project	5	B	-	-	-	-			3		
6H2001 Digital Electronics	5	B	-	-	-	-		2			
6H2002 Computer Engineering	5	B	-	-	-	-			3		
6H2003 Data Communications and Networks	5	B	-	-	-	-		2			
6H2900 Engineering and Information Skills	5	B	-	-	-	-	1				
6H2901 Mathematics I	5	B	-	-	-	-				4	
6H2950 Computer Programming, Basic Course	5	B	-	-	-	-	1				
6H3101 Object Oriented Programming using Java	5	B	-	-	-	-				4	

TIDEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2903 Environmental Science and Work Science	5	B	-	-	-	-				4	
6H2904 Engineering Practice and Development	5	B	-	-	-	-			3		
6H3000 Mathematics and Statistics	5	B	-	-	-	-		2			
6H3100 Discrete Mathematics and Algorithms	5	B	-	-	-	-	1				
6H3101 Object Oriented Programming using Java	5	B	-	-	-	-		2			
6H3102 Operating Systems	5	B	-	-	-	-	1				
6H3104 Graphical Interfaces	5	B	-	-	-	-			3		
6H3105 Software Project	5	C	-	-	-	-				4	

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2000 Computer Engineering Project	5	B	-	-	-	-			3		
6H2001 Digital Electronics	5	B	-	-	-	-	1				
6H2002 Computer Engineering	5	B	-	-	-	-		2			
6H2003 Data Communications and Networks	5	B	-	-	-	-				4	
6H2900 Engineering and Information Skills	5	B	-	-	-	-	1				
6H2901 Mathematics I	5	B	-	-	-	-				4	
6H2902 Business Economics and Organizational Behaviour	5	B	-	-	-	-			3		
6H2950 Computer Programming, Basic Course	5	B	-	-	-	-		2			

TIDEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2903 Environmental Science and Work Science	5	B	-	-	-	-				4	
6H3000 Mathematics and Statistics	5	B	-	-	-	-	1				
6H3001 Object Oriented Programming	5	B	-	-	-	-		2			
6H3002 Electronics I	5	B	-	-	-	-	1				
6H3004 Telecommunication	5	B	-	-	-	-		2			
6H3005 Signals and Systems	5	B	-	-	-	-			3		
6H3006 Electronic Design, Project Course	5	C	-	-	-	-				4	
6H3007 Data Communications and Networks, Continued Course	5	C	-	-	-	-			3		

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

TIDEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2000 Computer Engineering Project	5	B	-	-	-	-			3		
6H2001 Digital Electronics	5	B	-	-	-	-	1				
6H2002 Computer Engineering	5	B	-	-	-	-		2			
6H2003 Data Communications and Networks	5	B	-	-	-	-				4	
6H2900 Engineering and Information Skills	5	B	-	-	-	-	1				
6H2901 Mathematics I	5	B	-	-	-	-				4	
6H2902 Business Economics and Organizational Behaviour	5	B	-	-	-	-			3		
6H2950 Computer Programming, Basic Course	5	B	-	-	-	-		2			

TIDEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6H2903 Environmental Science and Work Science	5	B	-	-	-	-				4	
6H3000 Mathematics and Statistics	5	B	-	-	-	-	1				
6H3001 Object Oriented Programming	5	B	-	-	-	-		2			
6H3002 Electronics I	5	B	-	-	-	-	1				
6H3003 Electronics II	5	B	-	-	-	-			3		
6H3004 Telecommunication	5	B	-	-	-	-		2			
6H3005 Signals and Systems	5	B	-	-	-	-			3		
6H3006 Electronic Design, Project Course	5	C	-	-	-	-				4	

[På svenska](#)[Search](#)[Innehåll](#)[Kontakt](#)

Kungl Tekniska Högskolan

Studentwebben

[KTH](#) / [Studentwebben](#) / [Study Handbook \(03/04\)](#)[Study Handbook](#)[Syllabus](#)[Curriculum](#)[Courses, by](#)[Department](#)[TMS Courses](#)[Abbreviations](#)[Previous academic year \(02/03\)](#)[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

Computer and Electrical Engineering TIDEL1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
6L2860 Introduction to Chemistry <i>Under bearbetning</i>	1	A	-	-	-	-			3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

Medical Technology TIDEL1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6L2860 <u>Introduction to Chemistry</u> <i>Under bearbetning</i>	1	A	-	-	-	-			3		
6L2861 <u>Biological Chemistry</u> <i>Under bearbetning</i>	5	B	-	-	-	-			3		
6L2862 <u>The Structure, Function & Dysfunction of the Human Body I:</u> <i>Under bearbetning</i>	4	B	-	-	-	-			3		
6L2863 <u>The Structure, Function&Dysfunction of the Human Body II:</u> <i>Under bearbetning</i>	4	B	-	-	-	-				4	
6L2864 <u>The Structure, Function&Dysfunction of the Human Body III:</u> <i>Under bearbetning</i>	4	B	-	-	-	-				4	
6L2865 <u>A Medical Overview including Medical Equipment</u> <i>Under bearbetning</i>	3	A	-	-	-	-			3	4	
6L2900 <u>Engineering and Information Skills</u>	5	B	-	-	-	-	1				
6L2901 <u>Mathematics I</u>	5	B	-	-	-	-	1				
6L3000 <u>Mathematics and Statistics</u>	5	B	-	-	-	-		2			
6L3002 <u>Electronics I</u>	5	B	-	-	-	-		2			
Elective Courses											
6L2860 <u>Introduction to Chemistry</u> <i>Under bearbetning</i>	1	A	-	-	-	-			3		

Medical Technology TIDEL2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6L2001 Digital Electronics	5	B	-	-	-	-			3			
6L2002 Computer Engineering	5	B	-	-	-	-				4		
6L2950 Computer Programming, Basic Course	5	B	-	-	-	-				4		
6L3004 Telecommunications	5	B	-	-	-	-			3			

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

Computer and Electrical Engineering TIDES1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2000 Computer Engineering Project	5	B	-	-	-	-				4	
6S2001 Digital Electronics	5	B	36	-	-	20	1	2			
6S2002 Computer Engineering	5	B	36	-	-	20		2	3		
6S2003 Data Communications and Networks	5	B	42	-	-	24			3	4	
6S2900 Engineering and Information Skills	5	B	-	-	-	-	1				
6S2901 Mathematics I	5	B	-	-	-	-			3	4	
6S2950 Computer Programming, Basic Course	5	B	32	-	-	28	1	2			
Elective Courses											
6E2300 Introduction to Mathematics	1	A	-	-	-	-					
6E2301 Introduction to Computer Studies	1	A	-	-	-	-					

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

TIDES1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S3106 Data Structures using C ++	5	B	36	8	-	12	2				

TIDES2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6S2903 <u>Environmental Science and Work Science</u>	5	B	-	-	-	-				4		
6S3000 <u>Mathematics and Statistics</u>	5	B	-	-	-	-			3			
6S3101 <u>Objectoriented programming using Java</u>	5	B	-	-	-	-		2				
6S3103 <u>Database Systems</u>	5	B	-	-	-	-			3			
6S3105 <u>Software Project</u>	5	C	8	-	-	-				4		
6S3106 <u>Data Structures using C++</u>	5	B	36	8	-	12	1					
6S3107 <u>Discrete Mathematics</u>	0		28	18	-	14	1					
6S3108 <u>Network programming and TCP/IP</u>	5	AB	28	-	-	28		2				

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

TIDES1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2902 Business Economics and Organizational Behaviour	5	B	-	-	-	-			3		

TIDES2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2903 Environmental Science and Work Science	5	B	-	-	-	-				4	
6S3000 Mathematics and Statistics	5	B	-	-	-	-	1				
6S3103 Database Systems	5	B	-	-	-	-			3		
6S3110 Discrete Mathematics and Encryption	5	B	-	-	-	-			3		
6S3111 Operating Systems and System Administration	5	B	24	-	-	24	2				
6S3112 Networking with TCP/IP	5	B	-	-	-	-	2				
6S3113 Advanced Script Programming	5	C	28	12	-	16	1				
6S3114 Internet/Intranet, Project Course	5	C	-	-	-	-				4	

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Computer and Electrical Engineering

TIDES2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2903 Environmental Science and Work Science	5	B	-	-	-	-				4	
6S3000 Mathematics and Statistics	5	B	-	-	-	-	1				
6S3001 Object Oriented Programming	5	B	30	-	-	28		2			
6S3002 Electronics I	5	B	36	-	-	12	1				
6S3003 Electronics II	5	B	36	-	-	12			3		
6S3004 Telecommunication	5	B	48	-	-	12			3		
6S3005 Signals and Systems	5	B	42	-	-	16		2			
6S3006 Electronic Design, Project Course	5	C	-	-	-	-				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Electrical Engineering, 120 cr

Electrical Engineering, 120 cr EI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
1N1114 Ethics for Engineers <i>The course will be given from 03/04</i>	5	B	16	-	-	-			3		10 h Seminars
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production*_	5	B	18	4	-	12			3		
6A2915 Object Programming with C++*_	4	B	-	-	-	-			3		
6A2933 Oral and Written Presentation Techniques, Advanced Course*_	4	B	-	-	-	-			3		
6A2979 Computer- based Electrical Measurement System*_	5	B	-	-	-	-			3		
6A2995 Applied Data Communications*_	4	B	-	-	-	-			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			3		
6B2964 Advanced Routing <i>Under bearbetning</i>	5	B	-	-	-	-			3	4	
6D2944 Organisational Development and Leadership*_	4	AB	-	-	-	-			3		
6E2934 Power Engineering*_	4	B	32	-	-	12			3		
6E2955 Design Patterns	5	C	-	-	-	-			3		
6E2956 Computer Graphics Using OpenGL <i>Under bearbetning</i>	5	C	28	-	-	28			3		
6E3801 Management and Leadership*_ <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6S3405 Logistics*_ <i>Under bearbetning</i>	5		-	-	-	-			3		
9E1310 Engineering English, Intermediate Level*_	4	B	-	-	56	-			3		

*The course has limited participation

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Electrical Engineering, 120 cr

Electronics Design EI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6B2190 Degree Project in Electronics Design	10	C	-	-	-	-					4	
6B3121 Semiconductor Devices	6	C	30	16	-	12	1	2				
6B3128 Digital Microelectronics	4	C	24	12	-	16		2	3			
6B3129 Electronic Project	4	C	-	-	-	-			3			
6B3131 Digital Design with VHDL	6	C	24	12	-	24	1					
6B3132 High-frequency Electronics	6	C	22	24	-	20		2				
Conditionally Elective Courses												
6B3127 Radio Electronics	4	C	-	28	-	16			3			
6B3130 Embedded Systems	4	C	12	14	-	16			3			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03 / 04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Electrical Engineering, 120 cr

Embedded System Design EI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6A2100 Degree Project	10	C	-	-	-	-				4		
6A2175 Digital Design	6	C	28	-	-	24			3			
6A2182 Electronic Circuits Fabrication Process	5	C	32	8	-	26		2	3		Study visit 15h	
6A2183 Real Time System	6	C	28	-	-	24	1					
6A2184 EMC of Electronic Project	5	C	36	8	-	16	1					
6A2185 Digital Signal Processing	4	C	24	-	-	16		2				

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Electrical Engineering, 120 cr

Industrial Economy and Entrepreneurship EI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2286 Degree Project in Industrial Economy and Entrepreneurship	10	C	-	-	-	-				4	
6B3201 Design Methods	4	C	-	-	-	-	1	2			
6B3205 Industrial Economics I	6	C	-	-	-	-	1		3		
6B3206 Manufacturing, Advanced Course 1	4	C	-	-	-	-	1	2			
6B3286 Terms for Contractors	4	C	-	-	-	-	1	2			
6B3289 Databases	4	C	-	-	-	-			3		
6B3290 Management	4	C	14	28	-	-			3		
Conditionally Elective Courses											
6B3212 Mechatronic Components	4	C	-	-	-	-	1	2			
6B3280 Computer Aided Design in 3-D	4	C	-	-	-	-		2	3		
6B3288 Industrial Economics, Advanced Course	4	C	-	-	-	-	1	2			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Electrical Engineering, 120 cr

Industrial Business Administration and Manufacturing EI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6E3500 <u>Industrial Business Administration and Marketing</u>	10	C	92	4	-	20	1	2	3		
6E3502 <u>Industrial Production of Electronics</u> <i>Under bearbetning</i>	8	C	28	24	-	76	1	2	3		
6E3504 <u>Law for Engineers</u>	3	B	36	4	-	-		2			
6E3547 <u>Quality Assurance</u>	2	B	-	-	-	-	1				
6E3548 <u>Quality Management</u>	3	C	-	-	-	-		2			
6E3581 <u>Degree Project in Industrial Business Adm. & Manufacturing</u>	10	C	-	-	-	-				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Electrical Engineering, 120 cr

Mechatronics EI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6B2290 Degree Project in Mechatronics	10	C	-	-	-	-				4		
6B3205 Industrial Economics I	6	C	-	-	-	-	1		3			
6B3211 Mechatronics	12	C	-	-	-	-	1	2	3			
6B3283 Mechanics	4	C	-	-	-	-	1	2				
6B3285 Real-time Programming	4	C	-	-	-	-		2				
Conditionally Elective Courses												
6B2250 Object Oriented Programming with VB.NET	5	B	32	12	-	24		2				
6B3206 Manufacturing, Advanced Course 1	4	C	-	-	-	-	1	2				
6B3212 Mechatronic Components	4	C	-	-	-	-	1	2				
6B3280 Computer Aided Design in 3-D	4	C	-	-	-	-		2	3			
6B3288 Industrial Economics, Advanced Course	4	C	-	-	-	-	1	2				

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Electrical Engineering, 120 cr

Micro Computer Systems EI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6E3505 Power Electronics	4	C	-	-	-	-		2			
6E3507 Realtime Systems*	4	C	-	-	-	-	1				
6E3508 Operating Systems	4	C	-	-	-	-		2			
6E3531 Computer Networks	3	C	24	-	-	20	1				
6E3535 Computer Communication, Intermediate Course	3	C	-	-	-	-	1				
6E3553 Applied Control Engineering	4	C	-	-	-	-			3		
6E3554 Embedded Systems	4	C	-	-	-	-			3		
6E3582 Degree Project in Industrial Systems Technology	10	C	-	-	-	-				4	

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Electrical Engineering, 120 cr

Mobile Communications Systems EI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6B2185 Degree Project in Mobile Communications Systems	10	C	-	-	-	-				4		
6B2924 Programming in C++	4	B	16	-	-	24	1					
6B3103 Communication Theory	4	C	24	22	-	8		2				
6B3109 Linear Systems	4	C	14	18	-	12	1					
6B3110 Communication Systems	6	C	24	20	-	12	1	2	3		Projektuppgift 12hProjektuppgift 12h	
6B3111 Programming Techniques	5	C	24	12	-	24		2	3			
6B3112 Wireless Communication Systems	7	C	32	32	-	12		2	3			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Electrical Engineering, 120 cr

Tele and Data Communication EI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6A2100 Degree Project	10	C	-	-	-	-				4	
6A2163 Unix/C++	4	C	-	-	-	-	1				
6A2166 Mobil Communication	4	C	40	-	-	-			3		
6A2186 Communication Networks	5	C	-	-	-	-	1				
6A2187 The Internet Protocols	5	C	-	-	-	-		2			
6A2188 Queuing Theory	4	C	-	-	-	-		2			
Conditionally Elective Courses											
6A2165 Telecommunication Switching	4	C	-	-	-	-		2	3		
6A2167 Process Programming	4	C	-	-	-	-		2	3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Electrical Engineering and Economics, 120 cr

Electrical Engineering and Economics, 120 cr EE3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6A2955 Marketing	5	B	-	-	-	-			3			
Elective Courses												
6A2925 Accounting, Intermediate Course <i>Under bearbetning</i>	5	B	-	-	-	-						
6A2927 Economic Analysis, Advanced Course <i>Under bearbetning</i>	5	B	-	-	-	-						

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Electrical Engineering and Economics, 120 cr

Electronics Design EE3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6B2190 Degree Project in Electronics Design	10	C	-	-	-	-					4	
6B3121 Semiconductor Devices	6	C	30	16	-	12	1	2				
6B3128 Digital Microelectronics	4	C	24	12	-	16		2	3			
6B3129 Electronic Project	4	C	-	-	-	-			3			
6B3131 Digital Design with VHDL	6	C	24	12	-	24	1					
6B3132 High-frequency Electronics	6	C	22	24	-	20		2				
Conditionally Elective Courses												
6B3127 Radio Electronics	4	C	-	28	-	16			3			
6B3130 Embedded Systems	4	C	12	14	-	16			3			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Electrical Engineering and Economics, 120 cr

Embedded Systems Design EE3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6A2100 Degree Project	10	C	-	-	-	-				4	
6A2175 Digital Design	6	C	28	-	-	24			3		
6A2182 Electronic Circuits Fabrication Process	5	C	32	8	-	26		2	3		Study visit 15h
6A2183 Real Time System	6	C	28	-	-	24	1				
6A2184 EMC of Electronic Project	5	C	36	8	-	16	1				
6A2185 Digital Signal Processing	4	C	24	-	-	16		2			

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Electrical Engineering and Economics, 120 cr

Industrial Business Administration and Manufacturing EE3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6E3504 <u>Law for Engineers</u>	3	B	36	4	-	-		2			
6E3538 <u>Industrial Production of Electronics with Business Project</u> <i>Under bearbetning</i>	10	C	-	-	-	-	1	2	3		
6E3547 <u>Quality Assurance</u>	2	B	-	-	-	-	1				
6E3548 <u>Quality Management</u>	3	C	-	-	-	-		2			
6E3581 <u>Degree Project in Industrial Business Adm. & Manufacturing</u>	10	C	-	-	-	-				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Electrical Engineering and Economics, 120 cr

Mechatronics EE3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2290 Degree Project in Mechatronics	10	C	-	-	-	-				4	
6B3205 Industrial Economics I	6	C	-	-	-	-	1		3		
6B3211 Mechatronics	12	C	-	-	-	-	1	2	3		
6B3283 Mechanics	4	C	-	-	-	-	1	2			
6B3285 Real-time Programming	4	C	-	-	-	-		2			
Conditionally Elective Courses											
6B2250 Object Oriented Programming with VB.NET	5	B	32	12	-	24		2			
6B3206 Manufacturing, Advanced Course 1	4	C	-	-	-	-	1	2			
6B3212 Mechatronic Components	4	C	-	-	-	-	1	2			
6B3280 Computer Aided Design in 3-D	4	C	-	-	-	-		2	3		
6B3288 Industrial Economics, Advanced Course	4	C	-	-	-	-	1	2			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Electrical Engineering and Economics, 120 cr

Micro Computer Systems EE3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6E3505 Power Electronics	4	C	-	-	-	-		2			
6E3507 Realtime Systems*_	4	C	-	-	-	-	1				
6E3508 Operating Systems	4	C	-	-	-	-		2			
6E3531 Computer Networks	3	C	24	-	-	20	1				
6E3535 Computer Communication, Intermediate Course	3	C	-	-	-	-	1				
6E3553 Applied Control Engineering	4	C	-	-	-	-			3		
6E3554 Embedded Systems	4	C	-	-	-	-			3		
6E3582 Degree Project in Industrial Systems Technology	10	C	-	-	-	-				4	

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Electrical Engineering and Economics, 120 cr

Mobile Communications Systems EE3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6B2185 Degree Project in Mobile Communications Systems	10	C	-	-	-	-				4		
6B2924 Programming in C++	4	B	16	-	-	24	1					
6B3103 Communication Theory	4	C	24	22	-	8		2				
6B3109 Linear Systems	4	C	14	18	-	12	1					
6B3110 Communication Systems	6	C	24	20	-	12	1	2	3		Projektuppgift 12hProjektuppgift 12h	
6B3111 Programming Techniques	5	C	24	12	-	24		2	3			
6B3112 Wireless Communication Systems	7	C	32	32	-	12		2	3			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Electrical Engineering and Economics, 120 cr

Tele and Data Communications EE3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6A2100 Degree Project	10	C	-	-	-	-				4	
6A2163 Unix/C++	4	C	-	-	-	-	1				
6A2166 Mobil Communication	4	C	40	-	-	-			3		
6A2186 Communication Networks	5	C	-	-	-	-	1				
6A2187 The Internet Protocols	5	C	-	-	-	-		2			
6A2188 Queuing Theory	4	C	-	-	-	-		2			
Conditionally Elective Courses											
6A2165 Telecommunication Switching	4	C	-	-	-	-		2	3		
6A2167 Process Programming	4	C	-	-	-	-		2	3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Electronics and Communication

Electronics and Communication TIEMB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2904 Engineering Skills	5	B	18	4	9	18	1				
6B2905 The Internet	5	B	24	12	-	16		2			
6B2906 Mathematics, Linear Algebra	5	B	24	20	4	16	1				
6B2907 Object Oriented Programming, General Course	5	B	34	12	-	24		2			
6B2908 Computer Network Project	5	B	14	-	48	28			3		
6B2910 Computer Technology	6	B	28	12	-	32				4	
6B2911 Digital Design	5	B	24	22	-	20			3		
Elective Courses											
6B2114 Digital Systems	4	B	6	4	-	4				4	
6B2408 Multimedia Programming	4	B	14	12	-	10				4	
6B2922 Computer Assisted Technical Information	4	B	-	16	-	-				4	
6B2934 Unix Basics	5	B	6	28	-	36				4	
6B2955 Mechanical Workshop	4	B	-	44	-	-				4	
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				
6B3035 Object Oriented Programming using C# and .NET	5	B	16	8	-	46				4	
9E1362 Spoken and Written Swedish*	4	B	-	-	56	-		2	3		

*The course has limited participation

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Electronics and Communication

Electronics and Communication TIEMB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2120 <u>Calculus</u>	5	B	32	32	-	-	1				
6B2121 <u>Electrical Principals</u>	5	B	22	20	-	16	1				
6B2122 <u>Analog Electronics</u>	5	B	14	18	-	12		2			
6B2123 <u>Electronic Systems Project</u>	4	B	-	-	-	-				4	
6B2124 <u>Telecommunication</u>	5	B	22	20	-	16			3		
6B2912 <u>Industrial Economics</u>	4	B	16	22	-	8		2			
6B2913 <u>Sustainable Technology</u>	4	B	6	12	-	-			3	4	
6B3130 <u>Embedded Systems</u>	4	C	12	14	-	16			3		
Elective Courses											
6B2118 <u>Medical Electronic Design</u>	5	B	-	16	-	16				4	
6B3291 <u>Applied Automation Control</u>	4	B	10	10	-	16				4	

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Business IT Engineering, 120 cr

Business IT Engineering, 120 cr TIASB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2304 Objectoriented Programming with Java	6	B	14	28	-	-		2	3		
6B2306 Industrial Economy, Accounting and Budgeting	3	B	-	-	-	-			3		
6B2308 Databases	4	B	-	-	-	-				4	
6B2321 Mathematical Analysis	4	B	20	16	-	4	1	2			
6B2331 Networking Technology	5	B	-	-	-	-	1	2			
6B2342 Information Technology and Engineering Practices	4	B	22	36	-	-	1				36 h Projektuppgift36 h Projektuppgift
6B2343 Communication and Development in Engineering	4	B	-	-	-	-				4	
6B2345 Database Centered Information Systems	2	B	22	12	-	-				4	
6B2350 Computer Communication	3	B	-	-	-	-				4	
6B2351 Electronics with Digital Technology <i>Under bearbetning</i>	5	B	-	-	-	-			3	4	
6B2985 Industrial Economy, Basic Course	4	B	-	-	-	-	1	2			
Elective Courses											
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Business IT Engineering, 120 cr

Business IT Engineering, 120 cr TIASB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2315 Systems Planning and Security	4	B	24	8	-	-				4	
6B2316 Object Oriented Programming in Java, Advanced Course	4	C	-	-	-	-			3		
6B2323 Mathematics, Diskret	5	B	16	16	-	-			3	4	
6B2324 Descriptive Statistics	4	B	20	18	-	-		2			
6B2325 Project Management	4	B	-	-	-	-	1				
6B2327 Industrial Economy, Business Analysis, Advanced Course 2	4	B	24	16	-	-	1	2			
6B2346 Information Systems for Accounting	4	B	12	28	-	-		2		4	
6B2927 Internet Development	4	C	12	-	-	20	1				
6B2980 Competence and Development	5	B	-	-	-	-		2		4	
Elective Courses											
1N1114 Ethics for Engineers <i>The course will be given from 03/04</i>	5	B	16	-	-	-			3		10 h Seminars
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production*_ 	5	B	18	4	-	12			3		
6A2933 Oral and Written Presentation Techniques, Advanced Course*_ 	4	B	-	-	-	-			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			3		
6B3004 Functional and Logical Programming <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6B3021 Game- and 3D-programming <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6E3801 Management and Leadership*_ <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6S3405 Logistics*_ <i>Under bearbetning</i>	5		-	-	-	-			3		
9E1310 Engineering English, Intermediate Level*_ 	4	B	-	-	56	-			3		

*The course has limited participation

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Business IT Engineering, 120 cr

Business IT Engineering, 120 cr TIASB3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2314 <u>Computer Communication Formats</u>	3	C	12	16	-	-	1	2	3		
6B2317 <u>Mathematical and Physical Modeling</u>	4	C	22	49	-	-	1				
6B2318 <u>Industrial Organisation and Economy, Economic Reports</u>	4	C	24	16	-	-	1				
6B2319 <u>Commercial Law with Environmental and Work Law</u>	5	C	22	12	-	-		2			
6B2320 <u>Industrial Economy, Consolidation</u>	2	C	19	9	-	-		2			
6B2347 <u>Modular Information Systems</u>	2	C	20	14	-	-		2			
6B2348 <u>Systems Development Using Standard Modules</u>	6	C	8	16	-	-	1		3		
6B2399 <u>Degree Project</u>	10	C	-	-	-	-				4	
Elective Courses											
1N1114 <u>Ethics for Engineers</u> <i>The course will be given from 03/04</i>	5	B	16	-	-	-			3		10 h Seminars
2D2052 <u>Basic Internet Programming</u>	5	B	22	-	-	24			3		
2D2096 <u>Digital Video Production*</u>	5	B	18	4	-	12			3		
6A2933 <u>Oral and Written Presentation Techniques, Advanced Course*</u>	4	B	-	-	-	-			3		
6B2349 <u>Logistics</u>	4	C	-	-	-	-		2			
6B2955 <u>Mechanical Workshop</u>	4	B	-	44	-	-			3		
6B3004 <u>Functional and Logical Programming</u> <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6B3021 <u>Game- and 3D-programming</u> <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6E3801 <u>Management and Leadership*</u> <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6S3405 <u>Logistics*</u> <i>Under bearbetning</i>	5		-	-	-	-			3		
9E1310 <u>Engineering English, Intermediate Level*</u>	4	B	-	-	56	-			3		

*The course has limited participation

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

TIGIB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2904 Engineering Skills	5	B	18	4	9	18	1				
6B2905 The Internet	5	B	24	12	-	16		2			
6B2906 Mathematics, Linear Algebra	5	B	24	20	4	16	1				
6B2907 Object Oriented Programming, General Course	5	B	34	12	-	24		2			
6B2908 Computer Network Project	5	B	14	-	48	28			3		
Conditionally Elective Courses											
6B2251 Industrial IT	6	B	30	16	-	28				4	
6B2252 Applied Digital Electronics	5	B	-	-	30	28			3		
6B2910 Computer Technology	6	B	28	12	-	32				4	
6B2911 Digital Design	5	B	24	22	-	20			3		
Elective Courses											
6B2114 Digital Systems	4	B	6	4	-	4				4	
6B2408 Multimedia Programming	4	B	14	12	-	10				4	
6B2922 Computer Assisted Technical Information	4	B	-	16	-	-				4	
6B2934 Unix Basics	5	B	6	28	-	36				4	
6B2955 Mechanical Workshop	4	B	-	44	-	-				4	
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				
6B3035 Object Oriented Programming using C# and .NET	5	B	16	8	-	46				4	
9E1362 Spoken and Written Swedish*-	4	B	-	-	56	-		2	3		

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Chemical Engineering, 120 cr

Chemical Engineering, 120 cr KI1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6D2310 Mathematics	8	AB	120	-	-	3	1	2	3		3 h Computer3 h Computer
6D2311 Mathematical Statistics	3	AB	45	-	-	8				4	
6D2320 General and Physical Chemistry	9	AB	36	16	-	40	1	2			3 h Computer3 h Computer
6D2321 Organic Chemistry	5	AB	30	10	-	36			3		
6D2322 Analytical Chemistry	5	AB	42	-	-	24			3	4	
6D2901 Engineering Skills	6	AB	31	-	-	-	1	2			19 h Computer19 h Computer
Elective Courses											
1N1114 Ethics for Engineers <i>The course will be given from 03/04</i>	5	B	16	-	-	-			3		10 h Seminars
6D2300 Introduction to Mathematics	1	A	-	-	-	-	1				
6D2302 Introduction to Chemistry	1	A	-	-	-	-	1				
6D2940 Water Chemistry*_-	5	AB	12	22	-	16				4	
6D2946 The Fuel Cell*_-	4	C	18	6	-	-				4	

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Chemical Engineering, 120 cr

Chemical Engineering, 120 cr KI2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6D2330 <u>Chemical Engineering and Technology I</u>	16	C	158	3	-	72	1	2	3	4	
6D2332 <u>Electrical Measurements, Control Theory and Practice</u>	4	AB	39	-	-	12	1				3 h Computer3 h Computer
6D2333 <u>Biochemistry with Microbiology</u>	5	AB	34	-	-	24				4	
6D2334 <u>Industrial Ecology and Chemical Hazards</u>	4	AB	24	6	-	-			3		
6D2902 <u>Business Administration</u>	3	AB	24	12	-	4		2			
Elective Courses											
1N1114 <u>Ethics for Engineers</u> <i>The course will be given from 03/04</i>	5	B	16	-	-	-			3		10 h Seminars
6B2955 <u>Mechanical Workshop</u>	4	B	-	44	-	-			3		
6D2940 <u>Water Chemistry*₋</u>	5	AB	12	22	-	16				4	
6D2941 <u>Organic Chemistry, Advanced Course 1*₋</u>	4	C	20	-	-	-			3		
6D2943 <u>Organic Chemistry, Advanced Course 2*₋</u>	4	C	20	10	-	30				4	
6D2945 <u>Bio-inorganic Chemistry*₋</u>	4	C	24	12	-	-			3		
6D2946 <u>The Fuel Cell*₋</u>	4	C	18	6	-	-				4	
9E1310 <u>Engineering English, Intermediate Level*₋</u>	4	B	-	-	56	-			3		

*The course has limited participation

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Chemical Engineering, 120 cr

Chemical Engineering, 120 cr KI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6D3701 Analytical Chemistry 2	5	C	20	10	-	40		2			
6D3704 Chemical Engineering and Technology 2	8	D	33	6	-	-	1	2	3		
6D3705 Environmental Technology	4	C	34	-	-	-	1	2			6 h Seminars6 h Seminars
6D3706 Environmental Legislation and Environmental Management	5	C	39	-	-	-	1	2			6 h Seminars6 h Seminars
6D3707 Risk Management	4	C	14	-	-	-	1				4 h Seminars4 h Seminars
6D3790 Degree Project	10	D	-	-	-	-				4	
Elective Courses											
1N1114 Ethics for Engineers <i>The course will be given from 03/04</i>	5	B	16	-	-	-			3		10 h Seminars
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production*_ 	5	B	18	4	-	12			3		
6A2933 Oral and Written Presentation Techniques, Advanced Course*_ 	4	B	-	-	-	-			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			3		
6D2940 Water Chemistry*_ 	5	AB	12	22	-	16				4	
6D2941 Organic Chemistry, Advanced Course 1*_ 	4	C	20	-	-	-			3		
6D2943 Organic Chemistry, Advanced Course 2*_ 	4	C	20	10	-	30				4	
6D2944 Organisational Development and Leadership*_ 	4	AB	-	-	-	-			3		
6D2945 Bio-inorganic Chemistry*_ 	4	C	24	12	-	-			3		
6D2946 The Fuel Cell*_ 	4	C	18	6	-	-				4	
6S3405 Logistics*_ Under bearbetning	5		-	-	-	-			3		
9E1310 Engineering English, Intermediate Level*_ 	4	B	-	-	56	-			3		

*The course has limited participation

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Mechanical Engineering, 120 cr

Mechanical Engineering, 120 cr MI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
1N1114 Ethics for Engineers <i>The course will be given from 03/04</i>	5	B	16	-	-	-			3		10 h Seminars
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
2D2096 Digital Video Production*_	5	B	18	4	-	12			3		
6A2933 Oral and Written Presentation Techniques, Advanced Course*_	4	B	-	-	-	-			3		
6B2955 Mechanical Workshop	4	B	-	44	-	-			3		
6D2944 Organisational Development and Leadership*_	4	AB	-	-	-	-			3		
6E2946 Modelling and Computer Support in Product Development*_ <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6E2955 Design Patterns	5	C	-	-	-	-			3		
6E3801 Management and Leadership*_ <i>Under bearbetning</i>	4	C	-	-	-	-			3		
6S3405 Logistics*_ <i>Under bearbetning</i>	5		-	-	-	-			3		
6S3423 Advanced Project	5	C	-	-	-	-			3	4	
9E1310 Engineering English, Intermediate Level*_	4	B	-	-	56	-			3		

*The course has limited participation

Study Handbook**Syllabus****Curriculum****Courses, by****Department****TMS Courses****Abbreviations**[Previous academic year \(02/03\)](#)[Next academic year \(04/05\)](#)

Mechanical Engineering, 120 cr

Industrial Economy and Entrepreneurship MI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2286 Degree Project in Industrial Economy and Entrepreneurship	10	C	-	-	-	-				4	
6B3201 Design Methods	4	C	-	-	-	-	1	2			
6B3205 Industrial Economics I	6	C	-	-	-	-	1		3		
6B3206 Manufacturing, Advanced Course 1	4	C	-	-	-	-	1	2			
6B3286 Terms for Contractors	4	C	-	-	-	-	1	2			
6B3289 Databases	4	C	-	-	-	-			3		
6B3290 Management	4	C	14	28	-	-			3		
Conditionally Elective Courses											
6B3212 Mechatronic Components	4	C	-	-	-	-	1	2			
6B3280 Computer Aided Design in 3-D	4	C	-	-	-	-		2	3		
6B3288 Industrial Economics, Advanced Course	4	C	-	-	-	-	1	2			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Mechanical Engineering, 120 cr

Industrial Business Administration and Manufacturing MI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6E3500 Industrial Business Administration and Marketing	10	C	92	4	-	20	1	2	3		
6E3504 Law for Engineers	3	B	36	4	-	-		2			
6E3548 Quality Management	3	C	-	-	-	-		2			
6E3549 Production Engineering, Intermediate Course	10	C	-	-	-	-	1	2	3		
6E3581 Degree Project in Industrial Business Adm. & Manufacturing	10	C	-	-	-	-				4	

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Mechanical Engineering, 120 cr

Innovation and Design MI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6E3559 Entrepreneurship	2	B	-	-	-	-		2			
6E3560 Integrated Product Development, Project Course	6	C	-	-	-	-			3		
6E3701 Degree Project	10	C	-	-	-	-				4	
6S2904 Engineering Practice and Development	5	B	-	-	-	-	1	2			
6S3402 Computerized Tools in Design Process, Intermediate Course	5	C	-	-	-	-	1				
6S3403 Innovation and Design Process	5	C	-	-	-	-		2			
Conditionally Elective Courses											
6E2902 Business Administration	3	B	26	6	-	8	1				
6S2412 Industrial Design with Color and Craft	5	B	-	-	-	-	1				

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Mechanical Engineering, 120 cr

Concurrent Engineering MI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other	
							1	2	3	4		
Compulsory Courses												
6B2285 Degree Project in Concurrent Engineering	10	C	-	-	-	-					4	
6B3201 Design Methods	4	C	-	-	-	-	1	2				
6B3202 Near Net Shape	4	C	-	-	-	-	1	2				
6B3203 Product Development	6	C	-	-	-	-		2	3			
6B3205 Industrial Economics I	6	C	-	-	-	-	1		3			
6B3214 Manufacturing, Advanced Course II	6	C	-	-	-	-	1	2	3			
Conditionally Elective Courses												
6B3212 Mechatronic Components	4	C	-	-	-	-	1	2				
6B3280 Computer Aided Design in 3-D	4	C	-	-	-	-		2	3			
6B3288 Industrial Economics, Advanced Course	4	C	-	-	-	-	1	2				

 Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Mechanical Engineering, 120 cr

Mechanical Design MI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6E2865 <u>Machine Design, Intermediate Course</u>	6	B	-	-	-	-	1	2			
6E3520 <u>Solid Mechanics with FEM, Intermediate Course</u>	4	C	-	-	-	-		2			
6E3560 <u>Integrated Product Development, Project Course</u>	6	C	-	-	-	-			3		
6E3580 <u>Degree Project in Mechanical Design</u>	10	C	-	-	-	-				4	
6S3401 <u>Manufacturing Process, Intermediate Course</u> <i>Under bearbetning</i>	5	C	-	-	-	-	1				
6S3403 <u>Innovation and Design Process</u>	5	C	-	-	-	-		2			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Mechanical Engineering, 120 cr

Mechatronics MI3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2290 Degree Project in Mechatronics	10	C	-	-	-	-				4	
6B3205 Industrial Economics I	6	C	-	-	-	-	1		3		
6B3211 Mechatronics	12	C	-	-	-	-	1	2	3		
6B3285 Real-time Programming	4	C	-	-	-	-		2			
6B3291 Applied Automation Control	4	B	-	-	-	-	1	2			
Conditionally Elective Courses											
6B3212 Mechatronic Components	4	C	-	-	-	-	1	2			
6B3280 Computer Aided Design in 3-D	4	C	-	-	-	-		2	3		
6B3288 Industrial Economics, Advanced Course	4	C	-	-	-	-	1	2			

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)[Next academic year \(04/05\)](#)

Mechanical Engineering

Mechanical Engineering TIMAS1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2400 <u>Engineering Materials and Production, Project Course</u>	5	B	-	-	-	-			3	4	
6S2401 <u>Strength of Materials with Statics</u>	5	B	-	-	-	-			3	4	
6S2402 <u>Computerized Tools in Design Process</u>	5	B	-	-	-	-		2			
6S2403 <u>Engineering Materials and Production</u>	5	B	-	-	-	-	1				
6S2409 <u>Computer Programming</u>	5	B	-	-	-	-			3	4	
6S2900 <u>Engineering and Information Skills</u>	5	B	-	-	-	-	1				
6S2901 <u>Mathematics I</u>	5	B	-	-	-	-		2			
6S2902 <u>Business Economics and Organizational Behaviour</u>	5	B	-	-	-	-			3	4	
Elective Courses											
6E2300 <u>Introduction to Mathematics</u>	1	A	-	-	-	-					
6E2301 <u>Introduction to Computer Studies</u>	1	A	-	-	-	-					

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus****Curriculum****Courses, by****Department****TMS Courses****Abbreviations**[Previous academic year \(02/03\)](#)[Next academic year \(04/05\)](#)

Mechanical Engineering

Industrial Business Administration and Manufacturing TIMAS2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2405 Basic Logistics	5	B	-	-	-	-	1				
6S2406 Industrial Marketing	5	B	-	-	-	-				4	
6S2407 Quality Assurance	5	B	-	-	-	-				4	
6S2408 Electrical and Control Engineering	5	B	-	-	-	-			3		
6S2410 Applied Mathematics	5	B	-	-	-	-	1	2			
6S2903 Environmental Science and Work Science	5	B	-	-	-	-		2			
6S2904 Engineering Practice and Development	5	B	-	-	-	-	1	2			
6S3401 Manufacturing Process, Intermediate Course <i>Under bearbetning</i>	5	C	-	-	-	-			3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook**Syllabus**

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Mechanical Engineering

Innovation and Industrial Design TIMAS2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6S2408 Electrical and Control Engineering	5	B	-	-	-	-		2			
6S2410 Applied Mathematics	5	B	-	-	-	-	1				
6S2411 Mechanics II	0		-	-	-	-		2			
6S2412 Industrial Design with Color and Craft	5	B	-	-	-	-	1				
6S2413 Functional Elements <i>Under bearbetning</i>	5	B	-	-	-	-				4	
6S2903 Environmental Science and Work Science	5	B	-	-	-	-			3		
6S2904 Engineering Practice and Development	5	B	-	-	-	-				4	
6S3403 Innovation and Design Process	5	C	-	-	-	-			3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

På svenska

Search

Innehåll

Kontakt

Kungl Tekniska Högskolan

Studentwebben



KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Media Technology, 120 cr

Media Technology, 120 cr TIMEA2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Elective Courses											
2D2096 Digital Video Production*_	5	B	18	4	-	12			3		

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

[Study Handbook](#)[Syllabus](#)

[Curriculum](#)
[Courses, by](#)
[Department](#)

[TMS Courses](#)[Abbreviations](#)[Previous academic year \(02/03\)](#)[Next academic year \(04/05\)](#)

Media Technology, 120 cr

Media Technology, 120 cr TIMEA3

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2D2000 Degree Project in Media Technology	10	C	-	-	-	-				4	
2D2030 Television Technology*	5	C	33	18	-	-	1				
2D2031 Radio Technology*	5	C	34	11	-	13	1				
6H3303 Environmental technology and Work Science <i>Under bearbetning</i>	5	B	24	18	-	12		2			
Elective Courses											
2D2032 Graphic Arts Technology	5	B	20	8	-	16			3		
2D2052 Basic Internet Programming	5	B	22	-	-	24			3		
6H3305 Media economy and media rights	5	C	26	-	-	19		2			

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)

[Next academic year \(04/05\)](#)

Media Technology

Media Technology TIMEH1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2D2010 <u>Information Technology and Engineering Methodology</u>	5	A	24	22	-	-	1				
2D2011 <u>Introduction to Media Technology</u>	5	A	24	8	-	16	1				
2D2012 <u>Multimedia Production, Technical Project</u>	5	A	16	6	-	12		2			
2D2013 <u>Creation and Design for Bachelors</u>	5	B	20	2	-	-			3	4	
2D2050 <u>Programming, Basic Course</u>	5	A	-	-	-	-			3	4	
5B1127 <u>Mathematics H1</u>	5	AB	-	-	50	-				4	
6H2902 <u>Business Economics and Organizational Behaviour</u>	5	B	29	9	-	12		2			
Elective Courses											
5B1126 <u>Mathematics and Models</u> <i>Under bearbetning</i>	5	AB	-	-	50	-			3		

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

Previous academic year (02/03)

Next academic year (04/05)

Media Technology

Media Technology TIMEH2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
2D2020 Media Technology	5	B	18	2	-	5	1				
2D2021 Audio and Video Technology*	5	B	32	8	-	15		2			
2D2022 Engineering Practice and Development in Media Technology	5	B	18	20	-	-		2			Assignments
2D2051 Database Technology and Data Communication	5	B	36	-	-	26				4	
6H2320 Mathematical statistics and information processing <i>Under bearbetning</i>	5	b	-	-	-	-				4	
6H2322 Electronics and digital technology for media	5	B	-	-	-	-	1				
6H2324 Mathematics 2	5	B	-	-	-	-			3		
6H2903 Environmental Science and Work Science	5	B	-	-	-	-			3		

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Study Handbook

Syllabus

Curriculum
Courses, by
Department

TMS Courses
Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Mekatronik och industriell IT TIMIB1

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2250 Object Oriented Programming with VB.NET	5	B	32	12	-	24		2			
6B2251 Industrial IT	6	B	30	16	-	28				4	
6B2252 Applied Digital Electronics	5	B	-	-	30	28			3		
6B2904 Engineering Skills	5	B	18	4	9	18	1				
6B2905 The Internet	5	B	24	12	-	16		2			
6B2906 Mathematics, Linear Algebra	5	B	24	20	4	16	1				
6B2908 Computer Network Project	5	B	14	-	48	28			3		
Elective Courses											
6B2114 Digital Systems	4	B	6	4	-	4				4	
6B2408 Multimedia Programming	4	B	14	12	-	10				4	
6B2922 Computer Assisted Technical Information	4	B	-	16	-	-				4	
6B2934 Unix Basics	5	B	6	28	-	36				4	
6B2955 Mechanical Workshop	4	B	-	44	-	-				4	
6B2998 Introduction to Mathematics	1	A	-	12	-	-	1				
6B2999 Introduction to Computer Studies	1	A	-	12	-	-	1				
6B3035 Object Oriented Programming using C# and .NET	5	B	16	8	-	46				4	
9E1362 Spoken and Written Swedish*	4	B	-	-	56	-		2	3		

*The course has limited participation

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01

Kungl Tekniska Högskolan

Studentwebben

KTH / Studentwebben / Study Handbook (03/04)

Study Handbook

Syllabus

Curriculum

Courses, by

Department

TMS Courses

Abbreviations

[Previous academic year \(02/03\)](#)
[Next academic year \(04/05\)](#)

Mekatronik och industriell IT TIMIB2

Code Name	Credits	Level	Lec	Tut	Le	Lab	Periods				Other
							1	2	3	4	
Compulsory Courses											
6B2253 <u>Applied Mathematics</u>	4	B	40	-	-	10		2	3		
6B2254 <u>Design and Technology</u>	11	B	-	-	108	44	1	2	3	4	
6B2255 <u>Production Engineering</u>	5	B	40	-	-	30		2	3	4	
6B2256 <u>Engineering Materials</u>	4	B	-	-	-	-	1	2			
6B2257 <u>Electrical Principals</u>	4	B	30	-	-	28	1				
6B2912 <u>Industrial Economics</u>	4	B	16	22	-	8				4	
6B2913 <u>Sustainable Technology</u>	4	B	-	-	-	-	1	2	3		
Elective Courses											
6B2114 <u>Digital Systems</u>	4	B	6	4	-	4				4	
6B2408 <u>Multimedia Programming</u>	4	B	14	12	-	10				4	
6B2922 <u>Computer Assisted Technical Information</u>	4	B	-	16	-	-				4	
6B2934 <u>Unix Basics</u>	5	B	6	28	-	36				4	
6B2955 <u>Mechanical Workshop</u>	4	B	-	44	-	-				4	
6B2961 <u>Electrical Engineering, Advance Course</u>	4	C	24	-	-	10				4	
6B3035 <u>Object Oriented Programming using C# and .NET</u>	5	B	16	8	-	46				4	

Sidansvarig: Studiehandboksredaktionen, studiehandbok@kth.se

Uppdaterad: 2003-03-01