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DEPARTMENT OF COMPUTER EDUCATION AND INSTRUCTIONAL TECHNOLOGY

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Head of Department: [Prof.Dr. İBRAHİM SONER YILDIRIM \(acad_pers.php?pers_id=MTYwMjl3\)](#)

Web address: <http://www.ceit.metu.edu.tr/> (<http://www.ceit.metu.edu.tr/>)

General Information on Undergraduate Program

At the undergraduate level the Department aims particularly to equip students with up-to-date knowledge and practical skills required for K-12 computer teachers. Computer laboratories are available to enrich the theoretical background of prospective teachers. An important objective given a high priority by the Department is to provide its teacher graduates with relevant contemporary information, training, and prerequisite skills to enable them to guide their students to the year 2000 and beyond.

Undergraduate Curriculum

FIRST YEAR

First Semester

Course Code	Course Name	METU Credit	Contact (h/w)	Lab (h/w)	ECTS
MATH125 (course.php?prog=430&course_code=2360125)	BASIC MATHEMATICS I	4	3	2	5.0
CEIT111 (course.php?prog=430&course_code=4300111)	INFORMATION TECHNOLOGY IN EDUCATION	4	3	2	8.0
EDS200 (course.php?prog=430&course_code=4540200)	INTRODUCTION TO EDUCATION	3	3	0	5.0
ENG101 (course.php?prog=430&course_code=6390101)	ENGLISH FOR ACADEMIC PURPOSES I	4	4	1	6.0
Any 1 of the following set ..					
TURK103 (course.php?prog=430&course_code=6420103)	ORAL COMMUNICATION	2	2	0	3.0
TURK107 (course.php?prog=430&course_code=6420107)	TURKISH I	2	2	0	4.0
Any 1 of the following set ..					
HIST2201 (course.php?prog=430&course_code=2402201)		0	2	0	2.0
HIST2205 (course.php?prog=430&course_code=2402205)	HISTORY OF THE TURKISH REVOLUTION I	0	2	0	2.0

Semester Total: 29

Second Semester

Course Code	Course Name	METU Credit	Contact (h/w)	Lab (h/w)	ECTS
MATH126 (course.php?prog=430&course_code=2360126)	BASIC MATHEMATICS II	4	3	2	5.0
BA100 (course.php?prog=430&course_code=3120100)	CAREER PLANNING	0	1	0	2.0
CEIT112 (course.php?prog=430&course_code=4300112)	INFORMATION TECHNOLOGY IN EDUCATION II	4	3	2	8.0
CEIT133 (course.php?prog=430&course_code=4300133)	PROGRAMMING IN INTERNET ENVIRONMENT	4	3	2	6.0

[ENG102 \(course.php?prog=430&course_code=6390102\)](#)

ENGLISH FOR ACADEMIC
PURPOSES II

4 4 1 6.0

Any 1 of the following set ..

[TURK104 \(course.php?prog=430&course_code=6420104\)](#)

WRITTEN EXPRESSION

2 2 0 3.0

[TURK108 \(course.php?prog=430&course_code=6420108\)](#)

TURKISH II

2 2 0 4.0

Any 1 of the following set ..

[HIST2202 \(course.php?prog=430&course_code=2402202\)](#)

0 2 0 2.0

[HIST2206 \(course.php?prog=430&course_code=2402206\)](#)

HISTORY OF THE TURKISH
REVOLUTION II

0 2 0 2.0

Semester Total: 32

SECOND YEAR

Third Semester

Course Code	Course Name	METU Credit	Contact (h/w)	Lab (h/w)	ECTS
PHYS181 (course.php?prog=430&course_code=2300181)	BASIC PHYSICS I	5	4	2	5.0
CEIT207 (course.php?prog=430&course_code=4300207)	DESIGN AND USE OF INSTRUCTIONAL MATERIAL	3	2	2	5.0
CEIT210 (course.php?prog=430&course_code=4300210)	PROGRAMMING LANGUAGES I	4	3	2	8.0
CEIT213 (course.php?prog=430&course_code=4300213)	COMPUTER HARDWARE	3	2	2	5.0
EDS220 (course.php?prog=430&course_code=4540220)	EDUCATIONAL PSYCHOLOGY	3	3	0	5.0
ENG211 (course.php?prog=430&course_code=6390211)	ACADEMIC ORAL PRESENTATION SKILLS	3	3	1	4.0

Semester Total: 32

Fourth Semester

Course Code	Course Name	METU Credit	Contact (h/w)	Lab (h/w)	ECTS
PHYS182 (course.php?prog=430&course_code=2300182)	BASIC PHYSICS II	5	4	2	5.0
CEIT211 (course.php?prog=430&course_code=4300211)	PROGRAMMING LANGUAGES II	4	3	2	8.0
CEIT216 (course.php?prog=430&course_code=4300216)	PRINCIPLES AND METHODS OF INSTRUCTION	3	3	0	5.0
CEIT218 (course.php?prog=430&course_code=4300218)	GRAPHICS AND ANIMATION IN EDUCATION	3	2	2	5.0
CEIT225 (course.php?prog=430&course_code=4300225)	INSTRUCTIONAL DESIGN	3	2	2	5.0
	ELECTIVE				6.0
Semester Total:					34

THIRD YEAR

Fifth Semester

Course Code	Course Name	METU Credit	Contact (h/w)	Lab (h/w)	ECTS
CEIT313 (course.php?prog=430&course_code=4300313)	USE OF OPERATING SYSTEMS	3	2	2	5.0
CEIT321 (course.php?prog=430&course_code=4300321)	FOUNDATIONS OF DISTANCE EDUCATION	3	2	2	5.0
CEIT323 (course.php?prog=430&course_code=4300323)	MULTIMEDIA DESIGN AND DEVELOPMENT	3	2	2	6.0
CEIT341 (course.php?prog=430&course_code=4300341)	MEASUREMENT AND EVALUATION	3	3	0	5.0
CEIT380 (course.php?prog=430&course_code=4300380)	COMPUTER EDUCATION TEACHING METHODS I	3	2	2	7.0
	ELECTIVE				6.0
Semester Total:					34

Sixth Semester

Course Code	Course Name	METU Credit	Contact (h/w)	Lab (h/w)	ECTS
CEIT314 (course.php?prog=430&course_code=4300314)	COMPUTER NETWORKS AND COMMUNICATIONS	3	2	2	7.0
CEIT382 (course.php?prog=430&course_code=4300382)	COMPUTER EDUCATION TEACHING METHODS II	3	2	2	7.0
CEIT386 (course.php?prog=430&course_code=4300386)	COMMUNITY SERVICE	2	1	2	6.0
CEIT390 (course.php?prog=430&course_code=4300390)	DATABASE MANAGEMENT SYSTEMS	3	2	2	7.0
EDS304 (course.php?prog=430&course_code=4540304)	CLASSROOM MANAGEMENT	3	3	0	5.0
	ELECTIVE				6.0
Semester Total:					38

FOURTH YEAR

Seventh Semester

Course Code	Course Name	METU Credit	Contact (h/w)	Lab (h/w)	ECTS
CEIT407 (course.php?prog=430&course_code=4300407)	TEACHING PRACTICUM I	5	2	6	10.0
CEIT419 (course.php?prog=430&course_code=4300419)	WEB DESIGN	3	2	2	7.0
CEIT421 (course.php?prog=430&course_code=4300421)	RESEARCH METHODS	2	2	0	4.0
CEIT435 (course.php?prog=430&course_code=4300435)	PROJECT DEVELOPMENT AND MANAGEMENT I	3	1	4	8.0
	ELECTIVE				6.0
	ELECTIVE				6.0
Semester Total:					41

Eighth Semester

Course Code	Course Name	METU Credit	Contact (h/w)	Lab (h/w)	ECTS
CEIT408 (course.php?prog=430&course_code=4300408)	TEACHING PRACTICUM II	5	2	6	10.0
CEIT436 (course.php?prog=430&course_code=4300436)	PROJECT DEVELOPMENT AND MANAGEMENT II	3	1	4	8.0
EDS416 (course.php?prog=430&course_code=4540416)	TURKISH EDUCATIONAL SYSTEM AND SCHOOL MANAGEMENT	3	3	0	5.0
EDS424 (course.php?prog=430&course_code=4540424)	GUIDANCE	3	3	0	5.0
	ELECTIVE				6.0
	ELECTIVE				6.0

Semester Total: 40
Program Total: 280

h/w = hours per week