

1st GRUP COURSES (FULL COURSE EQUIVALENCY BETWEEN DEPARTMENTS)									
CATEGORY	CREDITS	ECTS	ALL PROGRAMS	EE	ME	IE	CE	CMPE	Notes
F.C.	3	5	CMPE 113						
CC.R	3	5	ENG 101						
CC.R	3	5	ENG 102						
CC.R	0	1	TEDU 101						
CC.R	1	1	TEDU 102						
CC.R	3	5	LIBE 110						
CC.R	3	5	LIBE 120						
CC.R	3	5	LIBE 130						
CC.R	3	5	LIBE 140						
CC.R	3	5	LIBE 150						
U.C	2	2	HIST 101						
U.C	2	2	HIST 102						
U.C	2	2	TUR 101						
U.C	2	2	TUR 102						
CC.R	4	7	MATH 101						
CC.R	4	7	MATH 102						
F.C.	4	6	PHYS 101						
F.C.	3	5	CHEM 100						
F.C.	3	5	MATH 203						
F.E.	3	5	SS 1						
F.E.	3	5			SS 2		SS 2	SS 2	1
M.S.E.	3	5			MBS 1	MBS 1	MBS 1	MBS 1	2
M.S.E.	3	5				MBS 2			
M.S.E.	3	5				MBS 3			

Notes:

- 1) Students who wish to pursue a Double Major Program in the ME, CE, and CMPE Departments can count all courses with a credit structure of 3 or more credits, excluding the 1st Group courses of other departments, as their second elective course.
- 2) The courses MATH 204, MATH 250, and MATH 310, which are mandatory for the EE Department, will be considered as 'Mathematics/Science Electives' in the curriculum of other departments.

2nd GROUP COURSES

a) Departmental Required Courses (R)

CATEGORY	CREDITS	ECTS	EE	CREDITS	ECTS	ME	CREDITS	ECTS	IE	CREDITS	ECTS	CE	CREDITS	ECTS	CMPE	Notes
R	3	5	MATH 204	3	6	MATH 240	3	6	MATH 230	3	6	MATH 240	3	6	MATH 240.	For both departments, a course under "R" or "E" category other than summer practice courses, can be counted under "Free Elective" category in the other department.
R	3	5	MATH 250	3	5	MATH 310	3	6	MATH 232	3	5	MATH 310	3	5	MATH 250.	
R	3	5	MATH 310	4	6	PHYS 102	3	6	CMPE 114	4	6	PHYS 102	4	6	PHYS 102.	
R	3	6	CMPE 114	3	5	ENGR 490	3	5	CMPE 232	3	5	CE 211	3	6	EE 207.	
R	4	6	PHYS 102	3	6	IE 222	3	8	ME 221	3	5	CE 212	3	6	SENG 214	
R	3	5	ENGR 490	2	4	ME 200	3	5	ECON 110	4	6	CE 214	3	5	ENGR 490	
R	4	8	EE 201	3	6	ME 211	3	5	ENGR 490	4	6	CE 221	3	6	CMPE 114	
R	4	8	EE 202	3	6	ME 224	3	6	IE 212	3	6	CE 232	3	6	CMPE 223	
R	3	6	EE 222	3	6	ME 241	3	6	IE 222	3	6	CE 300	3	6	CMPE 224	
R	3	5	EE 252	3	6	ME 242	3	6	IE 232	3	6	CE 311	3	5	CMPE 232	
R	1	4	EE 301	3	6	ME 264	3	6	IE 311	3	6	CE 312	3	6	CMPE 252	
R	3	5	EE 304	3	5	ME 301	3	6	IE 312	3	6	CE 314	3	5	CMPE 326	
R	3	5	EE 311	3	5	ME 302	3	7	IE 316	4	6	CE 331	3	6	CMPE 327	
R	3	5	EE 312	3	5	ME 324	3	6	IE 331	3	6	CE 332	3	6	CMPE 361	
R	3	5	EE 332	3	6	ME 333	3	6	IE 332	4	6	CE 341	3	6	CMPE 371	
R	3	5	EE 341	3	5	ME 334	3	6	IE 341	3	6	CE 342	3	5	CMPE 382	
R	3	5	EE 342	3	5	ME 345	3	5	IE 371	1	5	CE 399	1	2	CMPE 399	
R	4	8	EE 351	3	5	ME 353	1	3	IE 399	3	12	CE 410	3	5	CMPE 421	
R	3	5	EE 361	3	5	ME 362	3	8	IE 491	3	6	CE 451	3	6	CMPE 453	
R	1	4	EE 399	1	4	ME 399	3	8	IE 492	3	6	CE 452	3	6	CMPE 472	
R	3	7	EE 491	3	5	ME 464	1	5	IE 499	1	5	CE 499	2	5	CMPE 491	
R	3	12	EE 492	4	12	ME 492							5	12	CMPE 492	
R	1	6	EE 499	1	6	ME 499							1	3	CMPE 499	

E	3	5	EE 4XX	3	5	ME 4XX(I)	3	5	IE 4XX	3	6	CE 4XX(I)	3	5	CMPE 3XX-4XX
E	3	5	EE 4XX	3	5	ME 4XX(II)	3	5	IE 4XX	3	6	CE 4XX(II)	3	5	CMPE 3XX-4XX
E	3	5	EE 4XX	3	5	ME 4XX(III)	3	5	IE 4XX	3	6	CE 4XX(III)	3	5	CMPE 3XX-4XX
E	3	5	EE 4XX												

EQUIVALENCES AMONG 2 nd GROUP COURSES FOR DEPARTMENTS UNDER ENGINEERING FACULTY *								NOTES
CATEGORY	CREDITS	ECTS	EE	ME	IE	CE	CMPE	
R	3	6	-	MATH 240/ MATH 230	MATH 230/ MATH 240	MATH 240/ MATH 230	MATH 240/ MATH 230	
R	1/3	4/6	EE 301/ CMPE252	-	-	-	CMPE 252	2
R	3	6/8	-	ME 224/ ME 221	ME 224/ ME 221	-	-	1
R	(3, 3)/ (3, 4)	(6, 5)/ (5, 6)	-	(ME241+ME345)/ (CE211+CE214)	-	-	-	3
R	3	6/5	-	ME 242/ CE 212	-	ME 242/ CE 212	-	1
R	3	5	EE 332/ ME 334	EE 332/ ME 334	-	-	-	
R	3	5/6	-	ME 353/ CE 232	-	ME 353/ CE 232	-	1
R	3	6	EE 222/ EE 207	-	-	-	EE 222/ EE 207	
E	3	5	-	-	-	-	CMPE 3XX-4XX/ IE 371	4
R	1	4, 4, 3, 5, 2	EE 399	ME 399	IE 399	CE 399	CMPE 399	1,5
R	1	6, 6, 5, 5, 3	EE 499	ME 499	IE 499	CE 499	CMPE 499	
Number of Courses Required for Graduation:			47	48	47	46	48	
Minimum Credits Required for Graduation (Cr):			133	135	131	133	136	
Minimum Total ECTS Required for Graduation:			240	240	240	240	240	

* The course equivalences provided in this table are valid only for double major students

Notes:

- 1) Double major students must make up for deficiencies arising from differences in credits of mutually counted courses by taking additional course(s).
- 2) Computer Engineering students who will pursue a double major in the Electrical-Electronics Engineering Department will be exempt from the EE 301 course.
However, since the TEDU credit for CMPE 252 is greater than that of EE 301, Electrical-Electronics Engineering students who will pursue a double major in the Computer Engineering Department are obligated to take the CMPE 252 course instead of EE 301, and they will be exempt from the EE 301 course.
- 3) The pair of courses (CE 211 + CE 214) and the pair of courses (ME 241 + ME 345) have been defined as equivalent pairs of courses. Civil Engineering students who will pursue a double major in the Mechanical Engineering Department will be exempt from the pair of courses (ME 241 + ME 345).
However, since the TEDU credit for the pair of courses (CE 211 + CE 214) is greater than that of the pair of courses (ME 241 + ME 345), Mechanical Engineering students who will pursue a double major in the Civil Engineering Department are obligated to take the pair of courses (CE 211 + CE 214) and will be exempt from the pair of courses (ME 241 + ME 345).
- 4) Industrial Engineering students who will pursue a double major in the Computer Engineering Department will be exempt from one CMPE 3XX - 4XX department elective course.
- 5) Double major students are required to complete 3 internships, consisting of one major-specific internship each and one joint internship, or 4 internships if they are in separate majors within their respective fields.