

Instituto Tecnológico de Santo Domingo

Office of Registrar

CIVIL ENGINEERING PROGRAM

Subject	Course (Department, Number, Title) List all courses in the program by term starting with the first term of the first year and ending with the last term of the final year.	Indicate whether course is Required, Elective or a Selected Elective by an R, an E or an SE.1	Course Area (Credit Hours)			Last Two Terms the Course was Offered: Quarter	Maximum Section Enrollment for the Last Two Terms the Course was Offered2
			Math & Basic Sciences	Engineering Topics; Check if Contains Significant Design (✓)	Other		
Quarter number : 1							
AHC109	WRITING	R			4	2024-2 2024-3	
AHO102	ACADEMIC AND INSTITUTIONAL ORIENTATION	R			0	2024-2 2024-3 2024-2	
CBA1X3	LIFE IN THE ENVIRONMENT (ELECTIVES)	SE			2	2024-3 2024-2	See Table 5.2
CBM101	ALGEBRA AND ANALYTICAL GEOMETRY	R	5			2024-3 2024-2	
CSH112	CITIZENSHIP AND ETHICS	R			2	2024-3 2024-2	
CIV203	INTRODUCTION TO CIVIL ENGINEERING	R		2		2024-3 2024-2	5 56
EAA1X1	ACADEMIC AREAS ELECTIVES I	SE			2	2024-3 2024-2	See Table 5.2
SHI103	ENGLISH 01 (BASIC I)	R			0	2024-3	
Quarter number : 2							
AHC110	LINGUISTIC ARGUMENTATION	R			4	2024-2 2024-3 2024-2	
CBM102	DIFERENTIAL CALCULUS	R	5			2024-3 2024-2	
CSS102	HUMAN BEING AND SOCIETY: CONTEMPORARY SOCIAL ISSUES	R			2	2024-3	

EAA1X2	ACADEMIC AREAS ELECTIVES II	SE		2	2024-2 2024-3 2024-2	See Table 5.2
ING102	INTRODUCTION TO PROGRAMMING	R		2	2024-3 2024-2	
ING102L	INTRODUCTION TO PROGRAMMING LABORATORY	R		0	2024-3 2024-2	
ING227	ENGINEERING GRAPHICS	R		4	2024-3 2024-2	
ING227L	ENGINEERING GRAPHICS (AUTOCAD)	R		1	2024-3 2024-2	
SHI104	ENGLISH 02 (BASIC II)	R		0	2024-3	

Quarter number : 3

CBF210	MECHANICAL PHYSICS I	R		4	2024-2 2024-3 2024-2	
CBF210L	MECHANICAL PHYSICS LABORATORY I	R		1	2024-3 2024-2	
CBM201	INTEGRAL CALCULUS	R		5	2024-3 2024-2	
CBQ207	CHEMISTRY I	R		4	2024-3 2024-2	
CBQ207L	CHEMISTRY LABORATORY I	R		1	2024-3 2024-2	
EAA1X3	ACADEMIC AREAS ELECTIVES III	SE		2	2024-3 2024-2	See Table 5.2
EAA1X4	ACADEMIC AREAS ELECTIVES IV	SE		2	2024-3 2024-2	See Table 5.2
ING228	CALCULATION SHEETS FOR ENGINEERS	R		1	2024-3 2024-2	
SHI105	ENGLISH 03 (INTERMEDIATE I)	R		0	2024-3	

Quarter number : 4

AHQ101	SCIENTIFIC WORK	R		4	2024-2 2024-3 2024-2	
CBF211	MECHANICAL PHYSICS II	R		4	2024-3 2024-2	
CBF211L	MECHANICAL PHYSICS LABORATORY II	R		1	2024-3	

CBM202	VECTOR CALCULATION	R	5		2024-2	
					2024-3	
					2024-2	
CBQ212	ENVIROMENTAL CHEMISTRY	R	4		2024-3	
					2024-2	
CBQ212L	ENVIROMENTAL CHEMISTRY LABORATORY	R	1		2024-3	
					2024-2	
CIV204	CIVIL ENGINEERING PROFESSIONAL COUNSELING I	R		0	2024-3	27 12
					2024-2	
CSH113	CREATIVE THINKING	R		2	2024-3	
					2024-2	
SHI106	ENGLISH 04 (INTERMEDIATE II)	R		0	2024-3	

Quarter number : 5

CBM208	LINEAR ALGEBRA	R	5		2024-2	
					2024-3	
					2024-2	
CIV326	TOPOGRAPHY	R		4	2024-3	10 13
					2024-2	
CIV326L	TOPOGRAPHY LABORATORY	R		2	2024-3	11 12
					2024-2	
ING214	DATA ANALYSIS IN ENGINEERING	R		4	2024-3	
					2024-2	
ING216	STATIC	R		4	2024-3	
					2024-2	
SHI107	ENGLISH 05 (ADVANCED I)	R		0	2024-3	

Quarter number : 6

CBM203	DIFFERENTIAL EQUATIONS	R	5		2024-2	
					2024-3	
					2024-2	
CIV327	INTRODUCTION TO GEOMATICS ENGINEERING	R		2	2024-3	15 8
					2024-2	
CIV328	GEOGRAPHIC INFORMATION SYSTEM (GIS)	R		2	2024-3	16 9
					2024-2	
CSH105	GENERAL STUDIES INTEGRATING PROJECT	R		2	2024-3	

ING230	ECONOMIC ENGINEERING	R	4	2024-2 2024-3 2024-2
ING234	MECHANICS OF DEFORMABLE SOLIDS	R	4	2024-3 2024-2
ING234L	MECHANICS OF DEFORMABLE SOLIDS LABORATORY	R	1	2024-3 2024-2
SHI108	ENGLISH 06 (ADVANCED II)	R	0	2024-3

Quarter number :7

CIV329	GEOLOGY	R	3	2024-2 2024-3 2024-2	19 17
CIV329L	GEOLOGY LABORATORY	R	1	2024-3 2024-2	15 16
CIV330	STRUCTURAL THEORY I	R	4	2024-3 2024-2	20 18
ING212	DYNAMICS	R	4	2024-3 2024-2	
ING212L	DYNAMICS LABORATORY	R	1	2024-3 2024-2	
ING215	FLUID MECHANICS	R	4	2024-3 2024-2	
ING215L	FLUID MECHANICS LABORATORY	R	1	2024-3 2024-2	
ING231	ENGINEERING EXPERIMENTATION	R	3	2024-3	

Quarter number :8

CIV304	CONSTRUCTION MATERIALS	R	4	2024-2 2024-3 2024-2	22 22
CIV304L	CONSTRUCTION MATERIALS LABORATORY	R	1	2024-3 2024-2	19 18
CIV331	STRUCTURAL THEORY II	R	4	2024-3 2024-2	21 18
CIV332	HYDROLOGY	R	3	2024-3	26 23

ING211	PROJECT FORMULATION	R	4	2024-2 2024-3	
ISE2E1	SOCIAL IMPACT (ELECTIVE)	SE		2024-2 2024-3	See Table 5.2

Quarter number :9

CIV305	HYDRAULIC ENGINEERING I	R	4	2024-2 2024-3	9 23
CIV305L	HYDRAULIC ENGINEERING LABORATORY I	R	1	2024-2 2024-3	7 22
CIV306	SOIL MECHANICS	R	4	2024-2 2024-3	18 18
CIV306L	SOIL MECHANICS LABORATORY	R	1	2024-2 2024-3	18 18
CIV308	ENVIRONMENTAL MANAGEMENT AND SUSTAINABLE CONSTRUCTION	R	2	2024-2 2024-3	12 19
CIV320	DESIGN OF CONCRETE STRUCTURES I	R	5	2024-2 2024-3	0 25
CIV324	TRAFFIC AND TRANSPORTATION ENGINEERING	R	4	2024-2 2024-3	13 39

Quarter number :10

CIV205	INTRODUCTION TO ENVIRONMENTAL ENGINEERING	R	2	2024-2 2024-3	22 17
CIV307	HYDRAULIC ENGINEERING II	R	4	2024-2 2024-3	9 10
CIV307L	HYDRAULIC ENGINEERING LABORATORY II	R	1	2024-2 2024-3	9 10
CIV321	CONCRETE STRUCTURE DESIGN II	R	5	2024-2 2024-3	25 0
CIV334	CIVIL ENGINEERING CONSULTING II	R	0	2024-2 2024-3	21 35
INE376	ELECTRICAL CIRCUITS AND INSTALLATIONS	R	4	2024-2 2024-3	
INE376L	ELECTRICAL CIRCUITS AND INSTALLATIONS LABORATORY	R	1	2024-2 2024-3	

ING233	PROJECT MANAGEMENT	R	3	2024-2 2024-3
ING233L	PROJECT MANAGEMENT LABORATORY	R	1	2024-2 2024-3

Quarter number :11

CIV310	SANITARY ENGINEERING I	R	4	2024-2 2024-3	22 12
CIV310L	SANITARY ENGINEERING LABORATORY I	R	1	2024-2 2024-3	22 11
CIV322	METALLIC STRUCTURES DESIGN	R	4	2024-2 2024-3	18 27
CIV335	ROAD ENGINEERING I	R	4	2024-2 2024-3	21 0
CIV336	LEGAL ASPECTS OF ENGINEERING	R	2	2024-2 2024-3	18 10
EEE2X1	SPECIALIZED STUDIES ELECTIVES	SE	0	2024-2 2024-3	See Table 5.2

Quarter number :12

		R	4	2024-2 2024-3	31 24
CIV312	SANITARY ENGINEERING II	R	1	2024-2 2024-3	30 21
CIV312L	SANITARY ENGINEERING LABORATORY II	R	4	2024-2 2024-3	28 22
CIV323	FOUNDATION ENGINEERING	R	4	2024-2 2024-3	25 22
CIV337	CIVIL DRAWING	R	2	2024-2 2024-3	25 21
CIV338	COMPUTER AIDED DESIGN IN BUILDINGS	R	4	2024-2 2024-3	23 21
CIV339	ROAD ENGINEERING II	R			

Quarter number :13

CIV318	CIVIL ENGINEERING DESIGN PROJECT I	R	3	2024-2 2024-3	0 41
CIV318	DESIGN OF EARTHQUAKE RESISTANT STRUCTURES	R	3	2024-2 2024-3	5 23
CIV340	COMPUTER AIDED DESIGN IN INFRASTRUCTURE	R	2	2024-2 2024-3	0 22
CIV341	METHODS AND COSTS OF CONSTRUCTION	R	4	2024-2 2024-3	5 25
CIV342	PROFESSIONAL INTERNSHIP IN CIVIL ENGINEERING I	R	2	2024-2 2024-3	14 25
EFP3X1	PROFESSIONAL ELECTIVE	SE	0	2024-3	See Table 5.2

Quarter number :14

CIV316	CIVIL ENGINEERING DESIGN PROJECT II	R	3	2024-2 2024-3	13 0
CIV317	CONSTRUCTION SAFETY	R	2	2024-2 2024-3	5 4
CIV343	CONSTRUCTION MANAGEMENT	R	4	2024-2 2024-3	5 4
CIV344	CIVIL ENGINEERING PROFESSIONAL INTERNSHIP II	R	2	2024-2 2024-3	11 13
EFP3X2	PROFESSIONAL ELECTIVE	SE	0	2024-3	See Table 5.2
EFP3X3	PROFESSIONAL ELECTIVE	SE	0	2024-2 2024-3	See Table 5.2

Total must satisfy

TOTALS (in terms of semester credit hours)

50 175 34

minimum

credit hours Minimum semester credit Hours

30 Hours 45 Hours