

Lampiran : Surat Keputusan Dekan Fakultas Teknik Universitas Bhayangkara Surabaya
 Nomor : KEP/ /FTK/02/2024
 Tanggal : 19 Februari 2024
 Tentang : Kurikulum Berbahasa Inggris Program Studi Teknik Sipil

**CURRICULUM OF CIVIL ENGINEERING STUDY PROGRAM
 FACULTY OF ENGINEERING - UNIVERSITAS BHAYANGKARA SURABAYA**

NO	CODE	COURSES	CREDITS	
			MST	ELC
SEMESTER I				
1	1TSKK01	Math Engineering I	3	
2	1TSKK02	Engineering Mechanics I	3	
3	1TSKK03	Building Construction	3	
4	1TSKK04	Physics	2	
5	1TSKK05	Surveying	2	
6	1TSKK06	Geology Engineering	2	
7	1TSKK07	Material Science	2	
8	1TSKK08	English	2	
9	1TSPK01	Pancasila	2	
			21	
SEMESTER II				
1	2TSKK09	Math Engineering II	3	
2	2TSKK10	Engineering Mechanics II	3	
3	2TSKK11	Soil Mechanic I	2	
4	2TSKK12	Chemistry	2	
5	2TSKK13	Basic Programming	2	
6	2TSKK14	Fluid Mechanics	2	
7	2TSPK02	Police Law	2	
8	2TSKK15	Statistics	2	
9	2TSKK16	Surveying Practice	1	
			19	
SEMESTER III				
1	3TSKK17	Math Engineering III	3	
2	3TSKK18	Engineering Mechanics III	3	
3	3TSKB01	Concrete Technology	2	
4	3TSKB02	Steel Construction I	2	
5	2TSKB03	Earthquake Engineering I	2	

NO	CODE	COURSES	CREDITS	
			MST	ELC
SEMESTER V				
1	5TSKB09	Bridge	2	
2	5TSKB10	Foundation Engineering	2	
3	5TSKK29	Intelligent Computing		2
4	5TSKB11	Railway	2	
5	5TSKB12	Highway Engineering II	2	
6	5TSKB13	Water Source Development	2	
7	5TSKB14	Irrigation & Water Construction I	3	
8	5TSPB01	Construction Management I	2	
9	5TSKB15	Concrete Structure Project	1	
10	5TSKB16	Practice On Transportation Fields	1	
			17	2
SEMESTER VI				
1	6TSKB17	Steel Construction III		2
2	6TSKB18	Concrete Structure On Earthquake Area		3
3	6TSPK04	Legal Aspects Of Development	2	
4	6TSKK30	Indonesian	2	
5	6TSKK31	Traffic Engineering I	2	
6	6TSKB19	Highway Engineering III		3
7	6TSKB20	Irrigation & Water Construction II		3
8	6TSKK32	Construction Management II	3	
9	6TSKK33	Health & Utility Engineering	2	
10	6TSKB21	Structure Concrete	1	
11	6TSBB01	Field Practices	2	
12	6TSBB02	On The Job Training	2	
13	6TSBB03	Road Material Practice	1	
			17	11

6	3TSKK19	Soil Mechanic II	2	
7	3TSKK20	Numerical Analysis	2	
8	3TSPK03	Civics	3	
9	3TSKK21	Soil Mechanic Practice I	1	
10	3TSKK22	Fluid Mechanic Practice	1	
			21	
SEMESTER IV				
1	4TSKB04	Reinforced Concrete	3	
2	4TSKK23	Structure Analysis Of Matrik Method	3	
3	4TSKB05	Steel Construction II	2	
4	4TSKB06	Earthquake Engineering II	2	
5	4TSKB07	Highway Engineering I	2	
6	4TSKK24	Transportation System	2	
7	4TSKK25	Hydrology Engineering I	2	
8	4TSKK26	Economic Engineering	2	
9	4TSKK27	Application Program Structure	2	
10	4TSKK28	Soil Mechanic Practice II	1	
11	4TSKB08	Concrete Mix Design Practice	1	
			22	

(*) 5 credits of elective courses must be taken

Note :

MST : MUST (mandatory courses)

ELC : ELECTION (elective courses)

SEMESTER VII				
1	7TSKB22	Wood Construction	2	
2	7TSKB23	Prestressed Concrete And Precast	3	
3	7TSKB24	Port	2	
4	7TSKK34	Traffic Engineering II		3
5	7TSKB25	Airport	2	
6	7TSKK35	Hydrology Engineering II		3
7	7TSKB26	Drainage System	2	
8	7TSKB27	Construction Engineering		3
9	7TSPB02	Analysis On Environmental Impacts	2	
10	7TSPK05	Entrepreneurship	2	
11	7TSKB28	Final Proposal	1	
			16	9
SEMESTER VIII				
1	8TSPK06	Religion	2	
2	8TSPK07	Professional Ethics	2	
3	8TSKB29	Heavy Duty Machines	2	
4	8TSKB30	Final Project	3	
			9	
			142	22(*)

Surabaya, 19 Februari 2024

Dekan,

Dr. Eko Prasetyo, S.Kom., M.Kom