



First Year

First Semester

| Subject | | Hrs./week | | | Units |
|--------------|-----------------------------------|-----------|----------|----------|-----------|
| | | Theo. | Tut. | Lab. | |
| C.E 1203 | Engineering Mechanics (1) | 3 | 1 | | 3 |
| C.E 1201 | Mathematics (I) | 3 | 1 | | 3 |
| C.E 1211 | Building Materials Technology (1) | 2 | | 1 | 3 |
| C.E 1207 | Engineering Drawing (1) | 1 | | 3 | 2 |
| C.E 1209 | Engineering Geology (1) | 1 | 1 | | 1 |
| C.E 1211 | Fundamental of Computer Science | 1 | | 2 | 2 |
| C.E 1206 | Physics | 1 | 1 | | 1 |
| C.E 1103 | *Human Rights | 1 | 1 | | 1 |
| C.E 1107 | *English Language | 2 | | | 2 |
| C.E 1104 | Workshops I | 1 | | 3 | 2 |
| Total | | 16 | 5 | 9 | 20 |
| | | 30 | | | |

Second Semester

| Subject | | Hrs./week | | | Units |
|--------------|-----------------------------------|-----------|----------|----------|-----------|
| | | Theo. | Tut. | Lab. | |
| C.E 1204 | Engineering Mechanics (2) | 3 | 1 | | 3 |
| C.E 1202 | Mathematics (2) | 3 | 1 | | 3 |
| C.E 1212 | Building Materials Technology (2) | 2 | | 1 | 3 |
| C.E 1208 | Engineering Drawing (2) | 1 | | 3 | 2 |
| C.E 1210 | Engineering Geology (2) | 1 | 1 | | 1 |
| C.E 1213 | Civil Eng. Fundamental | 2 | | | 2 |
| C.E 1205 | Chemistry | 1 | 1 | 1 | 2 |
| C.E 1102 | *Public Freedom and Democracy | 1 | 1 | | 1 |
| C.E 1106 | *Arabic Language | 1 | 1 | | 1 |
| C.E 1105 | Workshops II | 1 | | 3 | 2 |
| Total | | 16 | 6 | 8 | 20 |
| | | 30 | | | |

* Modified course



Second Year

First Semester

| Subject | | Hrs./week | | | Units |
|--------------|-----------------------------|-----------|----------|----------|-----------|
| | | Theo. | Tut. | Lab. | |
| C.E 2220 | Strength of Materials (1) | 3 | 1 | | 3 |
| C.E 2218 | Concrete Technology (1) | 2 | | 2 | 3 |
| C.E 2222 | Fluid Mechanics (1) | 2 | 1 | 1 | 3 |
| C.E 2216 | Surveying Engineering (1) | 2 | | 2 | 3 |
| C.E 2214 | Mathematics (3) | 3 | 1 | | 3 |
| C.E 2227 | *Building Construction (I) | 1 | 2 | 1 | 2 |
| C.E 2224 | Computer Aided Eng. Drawing | 1 | | 2 | 2 |
| C.E 2108 | English Technical Language | 2 | | | 2 |
| Total | | 16 | 5 | 8 | 21 |
| | | 29 | | | |

Second Semester

| Subject | | Hrs./week | | | Units |
|--------------|---------------------------|-----------|----------|----------|-----------|
| | | Theo. | Tut. | Lab. | |
| C.E 2221 | Strength of Materials (2) | 3 | 1 | | 3 |
| C.E 2219 | Concrete Technology (2) | 2 | | 2 | 3 |
| C.E 2223 | Fluid Mechanics (2) | 2 | 1 | 1 | 3 |
| C.E 2217 | Surveying Engineering (2) | 2 | | 2 | 3 |
| C.E 2215 | Mathematics (2) | 3 | 1 | | 3 |
| C.E 2301 | Building Construction (2) | 1 | 1 | 1 | 2 |
| C.E 2225 | Computer Programming | 1 | | 2 | 2 |
| C.E 2226 | Engineering Statistics | 2 | 1 | | 2 |
| Total | | 16 | 5 | 8 | 21 |
| | | 29 | | | |

* Modified course



Third Year

First Semester

| Subject | | Hrs./week | | | Units |
|--------------|-------------------------------------|-----------|-----------|----------|-----------|
| | | Theo. | Tut. | Lab. | |
| C.E 3228 | Soil Mechanics (I) | 2 | 2 | 1 | 3 |
| C.E 3233 | *Theory of Structures (I) | 2 | 1 | | 2 |
| C.E 3231 | Engineering Analysis | 2 | 2 | | 2 |
| C.E 3234 | Reinforced Concrete Design (I) | 2 | 1 | | 2 |
| C.E 3330 | Adv. Strength of Materials (I) | 2 | | | 2 |
| C.E 3235 | *Principles of Remote Sensing (I) | 1 | 2 | 1 | 2 |
| C.E 3239 | Sanitary and Environmental Eng. (I) | 1 | 1 | 1 | 2 |
| C.E 3332 | *Methods of Construction (I) | 2 | | | 2 |
| C.E 3109 | English Language Essay Writing | 2 | | | 2 |
| C.E 3110 | Leadership and Management Skills | 1 | 1 | | 1 |
| Total | | 17 | 10 | 3 | 20 |
| | | 30 | | | |

Second Semester

| Subject | | Hrs./week | | | Units |
|--------------|--------------------------------------|-----------|----------|----------|-----------|
| | | Theo. | Tut. | Lab. | |
| C.E 3229 | *Soil Mechanics (II) | 2 | 1 | 1 | 3 |
| C.E 3230 | Highway Engineering | 2 | 1 | 2 | 3 |
| C.E 3237 | Reinforced Concrete Design (II) | 2 | 1 | | 2 |
| C.E 3241 | *Theory of Structures (II) | 2 | 1 | | 2 |
| C.E 3232 | *Numerical Analysis | 2 | 1 | | 2 |
| C.E 3238 | Building Services (I) | 2 | | | 2 |
| C.E 3240 | Sanitary and Environmental Eng. (II) | 1 | 1 | 1 | 2 |
| C.E 3236 | *Principles of Remote Sensing (II) | 1 | 2 | | 1 |
| C.E 3331 | *Adv. Strength of Materials (II) | 2 | | | 2 |
| C.E 3333 | Methods of Construction (II) | 1 | 1 | | 1 |
| Total | | 17 | 9 | 4 | 20 |
| | | 30 | | | |

* Modified Course



Fourth Year

First Semester

| Subject | | Hrs./week | | | Units |
|--------------|--|-----------|----------|----------|-----------|
| | | Theo. | Tut. | Lab. | |
| C.E 4244 | Foundation Engineering (1) (1) هندسة الاسس | 2 | 2 | | 2 |
| C.E 4242 | Steel Design (1) (1) تصميم حديد | 2 | 1 | | 2 |
| C.E 4337 | Structural Analysis Methods (1) طرق تحليل المنشآت (1) | 2 | 1 | | 2 |
| C.E 4339 | Structural Design (1) (1) تصاميم انشائية | 2 | 1 | | 2 |
| C.E 4246 | Quantity Surveying المسح الكمي | 2 | 1 | | 2 |
| C.E 4241 | Engineering Economy (1) (1) الاقتصاد الهندسي | 2 | | | 2 |
| C.E 4341 | Pre-stressed Concrete | 2 | 1 | | 2 |
| C.E 4110 | Writing an English Technical Report; كتابة التقرير; الفني باللغة الانكليزية | 2 | | | 2 |
| C.E 4248 | Graduation Project of 1 st Semester المشروع الهندسي الفصل الاول | 2 | | 4 | 3 |
| Total | | 18 | 7 | 4 | 19 |
| | | 29 | | | |

Second Semester

| Subject | | Hrs./week | | | Units |
|--------------|--|-----------|----------|----------|-----------|
| | | Theo. | Tut. | Lab. | |
| C.E 4245 | Foundation Engineering (2) (2) هندسة الاسس | 2 | 2 | | 2 |
| C.E 4247 | Eng. Managements and Specifications المواصفات والادارة الهندسية | 2 | 1 | | 2 |
| C.E 4336 | Steel Design (2) (2) تصميم الحديد | 2 | 1 | | 2 |
| C.E 4335 | Reinforced Concrete Design (3) تصميم الخرسانة المسلحة (3) | 2 | 1 | | 2 |
| C.E 4338 | Structural Analysis Methods (2) طرق تحليل المنشآت (2) | 2 | | | 2 |
| C.E 4340 | Structural Design (2) (2) تصاميم انشائية | 2 | | | 2 |
| C.E 4342 | Structural Dynamics المنشآت الديناميكية | 2 | | | 2 |
| C.E 4243 | Computer Applications تطبيقات الحاسوب | 1 | 1 | 2 | 2 |
| C.E 4249 | Graduation Project of 2 nd Semester المشروع الهندسي الفصل الثاني | 2 | | 4 | 3 |
| Total | | 17 | 6 | 6 | 19 |
| | | 29 | | | |

* Modified Course