University of Diyala | جامعة ديالى

Bachelor's level (Second cycle) - Bachelor Degree in Electronic Enigineering | مستوى البكالوريوس (الدورة الثانية - بكالوريوس في الهندسة الالكترونية

Four years (Eight Semesters) - 240 ECTS credits - 1 ECTS = 25hr | أربع سنوات (ثمانية فصول دراسية) - 240 وحدة اوربية - كل وحدة اوربية = 25 ساعة

Program Curriculum (2023 - 2024) | المنهاج الدراسي للعام 2023 - 2024

**Checking**

| | |
|---|---|
| No of Weeks | 15 |
| No of ECTS | |

| Level | Semester | No. | Module Code | Module Name in English | اسم المادة الدراسية | Language | SSWL (hr/w) CL (hr/w) | Lect (hr/w | Lab (hr/w) | Pr (hr/w) | Tut (hr/w) | Semn (hr/w) | Exam hr/sem | SSWL hr/sem | USSWL hr/sem | SWL hr/sem | ECTS | Module Type | Prerequisite Module(s) Code | USSWL hr/Week | Semester 1 Basic B | Core C | Support S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UGI | One | 1 | EE 301 | Engineering Analysis I | تحليلات هندسية 1 | English | 3 | | | | | | 3 | 48 | 77 | 125 | 5 | C | | 5.1 | 5 | 25 | 0 |
| | | 2 | EE 303 | Advanced Electronics I | الالكترونيك متقدم | English | 4 | | 2 | | 1 | | 3 | 108 | 42 | 150 | 6 | C | | 2.8 | | | |
| | | 3 | EE 305 | Microproccessor | المعالج الدقيق | English | 3 | | 2 | | | | 3 | 78 | 72 | 150 | 6 | C | | 4.8 | | | |
| | | 4 | EE 307 | Power and Electric Machine | قدرة ومكائن كهربائية | English | 2 | | 2 | | | | 3 | 63 | 62 | 125 | 5 | B | | 4.1 | SSWL | 25 | Hr/Week |
| | | 5 | EE 309 | Optoelectronic | الكترونيات ضوئية | English | 3 | | | | | | 3 | 48 | 52 | 100 | 4 | C | | 3.5 | | | |
| | | 6 | EE 311 | Computer Networks | شبكات الحاسوب | English | 2 | | | | 1 | | 3 | 48 | 52 | 100 | 4 | C | | 3.5 | USSWL | 23.8 | Hr/Week |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | Total | 17 | 0 | 6 | 0 | 2 | 0 | 18 | 393 | 357 | 750 | 30 | | | | Total | 48.8 | Hr/Week |

| Semester | No. | Module Code | Module Name in English | اسم المادة الدراسية | Language | SSWL (hr/w) CL (hr/w) | Lect (hr/w | Lab (hr/w) | Pr (hr/w) | Tut (hr/w) | Semn (hr/w) | Exam hr/sem | SSWL hr/sem | USSWL hr/sem | SWL hr/sem | ECTS | Module Type | Prerequisite Module(s) Code | USSWL hr/Week | Semester 2 Basic B | Core C | Support S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Two | 1 | EE 302 | Engineering Analysis II | تحليلات هندسية 1I | English | 3 | | | | | | 3 | 48 | 77 | 125 | 5 | C | EE301 | 5.1 | B | C | S |
| | 2 | EE 304 | Digital Signal Processing (DSP) | معالج الاشارة الرقمية | English | 3 | | | | 1 | | 3 | 78 | 72 | 150 | 6 | C | | 4.8 | 3 | 27 | 0 |
| | 3 | EE 306 | Microprcontroller | المعالج الدقيق المتحكم | English | 3 | | 2 | | | | 3 | 63 | 87 | 150 | 6 | C | | 5.8 | | | |
| | 4 | EE 308 | Communication Systems | الاتصالات | English | 3 | | 2 | | 1 | | 3 | 93 | 57 | 150 | 6 | C | | 3.8 | | | |
| | 5 | EE 310 | Antenna | هوائيات | English | 2 | | 2 | | | | 3 | 63 | 37 | 100 | 4 | C | | 3.4 | SSWL | 25 | Hr/Week |
| | 6 | EE 312 | Engineering Adminsration | الادارة الهندسية | Arabic | 3 | | | | | | 3 | 48 | 27 | 75 | 3 | B | | 1.8 | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Total | 17 | 0 | 6 | 0 | 2 | 0 | 18 | 393 | 357 | 750 | 30 | | | 24.7 | USSWL | 24.7 | Hr/Week |
| | | | | | | | | | | | | | | | | | | | | Total | 49.7 | Hr/Week |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | CL | Class Lecture | Module type | B | Basic learning activities | | SWL: | Student Workload | | | |
| ternships to fulfil the re | Lab | Laboratory | | C | Core learning activity | | SSWL: | Structured SWL | | | |
| | Pr | Practical Training | | S | uport or related learning activi | | USSWL: | Unstructured SWL | | | |
| | Tut | Tutorial | | E | Elective learning activity | | | | | | |
| Structured SWL (hr/w) type | Lect Semn | Online lecture Seminar | | | | | | | | | |