**Academic record**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Freshman Year** | | | **Excellent** | **Very good** | **Good** | **pass** | **Academic year** |
| **\*** |  |  |  | 2020/2021 |
|  |  |  |  |  |  |  |  |
|  | **Code** | **Course Name** | **Excellent** | **Very good** | **Good** | **pass** | **Research** |
| **First semester** | BES111 | Mathematics (2) | **\*** |  |  |  |  |
| PRE117 | Applied mechanics | **\*** |  |  |  |  |
| BES115 | Physics (2) | **\*** |  |  |  |  |
| ELE111 | Electrical Engineering |  | **\*** |  |  |  |
| ELE112 | Computer Applications (1) | **\*** |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Second semester** | ELE121 | Electronics |  | **\*** |  |  |  |
| ELE122 | Electrical Materials | **\*** |  |  |  |  |
| ELE123 | Energy Conversion | **\*** |  |  |  |  |
| MPE127 | Fluid Mechanics | **\*** |  |  |  |  |
| MPE128 | Thermodynamics |  | **\*** |  |  |  |
| PRE127 | Economy & Projects Management |  | **\*** |  |  |  |

|  |
| --- |
|  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sophomore Year** | | | **Excellent** | **Very good** | **Good** | **pass** | **Academic year** |
| **\*** |  |  |  | **2021/2022** |
|  |  |  |  |  |  |  |  |
|  | **Code** | **Course Name** | **Excellent** | **Very good** | **Good** | **pass** | **Research** |
| **First semester** | BES211 | Mathematics (3) | **\*** |  |  |  |  |
| ELE211 | Electrical Power Engineering (1) | **\*** |  |  |  |  |
| ELE212 | Measurements & Measuring Instruments | **\*** |  |  |  |  |
| ELE213 | Electrical Circuits Theory | **\*** |  |  |  |  |
| ELE214 | Computer Application (2) | **\*** |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Second semester semester** | ELE221 | Electrical Machines (1) | **\*** |  |  |  |  |
| ELE222 | Digital Electronics | **\*** |  |  |  |  |
| MPE227 | Elective Course (1) | **\*** |  |  |  |  |
| ELE223 | Electromagnetic Field Theory | **\*** |  |  |  |  |
| ELE224 | Object Oriented Programming | **\*** |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Junior Year** | | | **Excellent** | **Very good** | **Good** | **pass** | **Academic year** |
|  |  |  |  | **2022/2023** |
|  |  |  |  |  |  |  |  |
|  | **Code** | **Course Name** | **Excellent** | **Very good** | **Good** | **pass** | **Research** |
| **First semester** | BES311 | Mathematics (4) |  |  |  |  |  |
| ELE311 | Electrical Power Engineering (2) |  |  |  |  |  |
| ELE312 | Electric Machines (2) |  |  |  |  |  |
| ELE313 | Automatic Control Systems |  |  |  |  |  |
| ELE314 | Power Electronics |  |  |  |  |  |
| ELE305 | Electrical Testing (1) |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Second semester** | MPE327 | Elective Course(2) |  |  |  |  |  |
| ELE321 | Elective Course(3) |  |  |  |  |  |
| ELE322 | Elective Course(4) |  |  |  |  |  |
| ELE323 | High Voltage Engineering |  |  |  |  |  |
| ELE324 | Computer Engineering |  |  |  |  |  |
| ELE305 | Electrical Testing (1) |  |  |  |  |  |
| ELE325 | Writing Technical Reports |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Senior Year** | | | **Excellent** | **Very good** | **Good** | **pass** | **Academic year** |
|  |  |  |  | **2023/2024** |
|  |  |  |  |  |  |  |  |
|  | **Code** | **Course Name** | **Excellent** | **Very good** | **Good** | **pass** | **Research** |
| **First semester** | ELE411 | Electrical Power System Analysis |  |  |  |  |  |
| ELE412 | Electric Machine Design |  |  |  |  |  |
| ELE413 | Elective Course(5) |  |  |  |  |  |
| ELE414 | Elective Course(6) |  |  |  |  |  |
| ELE415 | Electrical Testing(2) |  |  |  |  |  |
| ELE406 | Project |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Second semester** | ELE421 | Electric Drives |  |  |  |  |  |
| ELE422 | Power System Protection |  |  |  |  |  |
| ELE423 | Digital Control |  |  |  |  |  |
| ELE424 | Elective Course(7) |  |  |  |  |  |
| ELE425 | Elective Course(8) |  |  |  |  |  |
| ELE406 | Project |  |  |  |  |  |

**Elective Courses**

|  |  |  |
| --- | --- | --- |
|  |  | **Elective Course (1)** |
|  | Heat Engines | MPE227A |
| \* | Hydraulic Machines | MPE227B |

|  |  |  |
| --- | --- | --- |
|  |  | **Elective Course (2)** |
|  | Mechanical Power Stations | MPE327A |
|  | Hydraulic Systems | MPE327B |

|  |  |  |
| --- | --- | --- |
|  |  | **Elective Course (3)** |
|  | New and Renewable Energy | ELE321A |
|  | Programmable Logic Controller and its Applications | ELE321B |
|  | Advanced Programming and Their Applications | ELE321C |
|  | Switch Gear Technology | ELE321D |

|  |  |  |
| --- | --- | --- |
|  |  | **Elective Course (4)** |
|  | Special Electric Machines | ELE322A |
|  | Optimization Methods in Electric Power Systems | ELE322B |
|  | Programming in Machine Languages | ELE322C |

|  |  |  |
| --- | --- | --- |
|  |  | **Elective Course (5)** |
|  | Modern Analysis of Electric Machines | ELE413A |
|  | Analysis of Faulted Power Systems | ELE413B |
|  | Data Base Systems | ELE413C |
|  | Power System Planning | ELE413D |
|  | Digital Signal Processing | ELE413E |

|  |  |  |
| --- | --- | --- |
|  |  | **Elective Course (6)** |
|  | Electric Machine Dynamics | ELE414A |
|  | Economic Operation of Electric Power Systems | ELE414B |
|  | Computer Control | ELE414C |

|  |  |  |
| --- | --- | --- |
|  |  | **Elective Course (7)** |
|  | Power Electronics Technology | ELE424A |
|  | Control of Electrical Power systems | ELE424B |
|  | Application of Protection Systems | ELE424C |
|  | Protection Transducers and Grounding | ELE424D |
|  | Expert Systems | ELE424E |

|  |  |  |
| --- | --- | --- |
|  |  | **Elective Course (8)** |
|  | Control of Electric Machines | ELE425A |
|  | Power Systems Stability | ELE425B |
|  | Insulation Co-ordination | ELE425C |
|  | Static Relay and Computer Applications to Protection | ELE425D |
|  | Robotics | ELE425E |

**الأنشطة التدريبية**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | **تدريب الرسم الهندسي** | |
|  | | | | |
| \* | **نعم** | **هل تم أداء تدريب الرسم** | |  |
|  | **لا** |
|  | | | | |
| **6/10/2022** | | **تاريخ أداء تدريب الرسم** | |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | **التدريب الميداني** | |
|  | | | | |
| \* | **نعم** | **هل تم أداء التدريب الميداني** | |  |
|  | **لا** |
|  | | | | |
| **12/9/2022** | | **تاريخ أداء التدريب الميداني** | |  |
|  | | | | |
| شركة المقاولون العرب (من 5/8/2022 الي 5/9/2022)  مصنع حديد عز -السادات (من 27/8/2022 الي 12/9/2022) | | | **مكان أداء التدريب الميداني** | |  |
|  | |  |

|  |  |  |
| --- | --- | --- |
|  |  | **التربية العسكرية** |

|  |  |  |  |
| --- | --- | --- | --- |
| \* | **نعم** | **هل تم أداء التربية العسكرية** |  |
|  | **لا** |
|  | | | |
| **7/8/2020** | | **تاريخ أداء التربية العسكرية** |  |

|  |  |
| --- | --- |
| يذكر الطالب أي دورات تدريبية أخرى التحق بها أثناء الدراسة | **أنشطة تدريبية أخرى** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **التاريخ** | **المكان** | **اسم الدورة او النشاط** |  |  |
|  |  |  | **1** |
|  |  |  | **2** |
|  |  |  | **3** |
|  |  |  | **4** |
|  |  |  | **5** |

**الأنشطة الطلابية و الهوايات**

**يذكر الطالب الأنشطة التي اشترك فيها مثل المسابقات الرحلات والأنشطة العلمية أو الرياضية والمراكز أو الجوائز التي حصل عليه إن وجدت وكذلك يذكر الطالب هواياته المفضلة والمراكز التي حققها إن وجدت.**

|  |  |
| --- | --- |
|  | **المسابقات** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **التاريخ** | **المكان** | **اسم المسابقة** |  |  |
|  |  |  | **1** |
|  |  |  | **2** |
|  |  |  | **3** |
|  |  |  | **4** |

|  |  |
| --- | --- |
|  | **الرحلات** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **التاريخ** | **المكان** | **اسم الرحلة** |  |  |
|  |  |  | **1** |
|  |  |  | **2** |
|  |  |  | **3** |
|  |  |  | **4** |

|  |  |
| --- | --- |
|  | **الأنشطة العلمية و الرياضية** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **التاريخ** | **المكان** | **اسم النشاط** |  |  |
|  |  |  | **1** |
|  |  |  | **2** |
|  |  |  | **3** |
|  |  |  | **4** |

|  |  |
| --- | --- |
|  | **الهوايات المفضلة** |

|  |  |  |
| --- | --- | --- |
| **القراءة (الكتب التاريخية – الكتب الدينية – الكتب العلمية – الروايات)** | **1** |  |
| **الكتابة (خواطر دينية – نصائح)** | **2** |
| **الرسم** | **3** |
|  | **4** |

|  |  |
| --- | --- |
|  | **جوائز ومراكز حققها الطالب** |

|  |  |  |
| --- | --- | --- |
|  | **1** |  |
|  | **2** |
|  | **3** |
|  | **4** |