

| Level 100 | | | | | | | | | | | | | | |
|-----------|------------|---|---------------------|--------------------------------|-----|------|------------|-------------|---------|-----------|-----------|-------|----------------------|--|
| No. | Course No. | Course name | Course prerequisite | Distribution of hours per week | | | | Mark | | | | | Course type | course Coordinator |
| | | | | Lab. | Ex. | Lec. | Credit Hr. | Theoretical | Applied | Year work | Practical | Total | | |
| 1 | ELE 121 | Principles of Electronic Engineering | | 0 | 1 | 2 | 2 | 60 | 20 | 20 | | 100 | Institute Elective | Assis. Prof. Warda Mohamed |
| 2 | ELP 113 | Electric Circuit 1 | ELP 112 | 2 | 1 | 1 | 2 | 50 | 20 | 20 | 10 | 100 | Major Compulsory | Prof. Gamal Elsaeed-Assis. Prof. Hamdy Mahrous |
| 3 | BAS 211 | Mathematics 4 | BAS 111 | 0 | 2 | 2 | 3 | 60 | 20 | 20 | | 100 | Major Compulsory | Assis. Prof. Eman Ziada |
| 4 | BAS 212 | Statistics & Probability Theory | | 0 | 2 | 2 | 3 | 60 | 20 | 20 | | 100 | Institute Compulsory | Assis. Prof. Mona Elbially |
| 5 | HUM 221 | Business Administration | | 0 | 0 | 2 | 2 | 60 | 20 | 20 | | 100 | General Elective | Assis. Prof. Elsayed Salah |
| 6 | HUM 182 | Analysis & Research Skills | | 0 | 2 | 1 | 2 | 60 | 20 | 20 | | 100 | General Compulsory | Assis. Prof. Ali Alazaly |
| 7 | CIS 111 | Principles of Construction & Building Engineering | | 0 | 1 | 2 | 2 | 60 | 20 | 20 | | 100 | Institute Elective | Assis. Prof. Mohamed El mahdy |
| | | | | Tot. | | 16 | | | | | | | | |

| Level 200 | | | | | | | | | | | | | | |
|-----------|------------|-----------------------------|---------------------|--------------------------------|-----|------|------------|-------------|---------|-----------|-----------|-------|----------------------|---|
| No. | Course No. | Course name | Course prerequisite | Distribution of hours per week | | | | Mark | | | | | Course type | course Coordinator |
| | | | | Lab. | Ex. | Lec. | Credit Hr. | Theoretical | Applied | Year work | Practical | Total | | |
| 1 | ELP 141 | Electromagnetic Fields | ELP 114 | 0 | 2 | 2 | 3 | 60 | 20 | 20 | | 100 | Institute Compulsory | Assis. Prof. Mohamed Ismael-Assis. Prof. Hegazi Fathalla |
| 2 | ELE 221 | Digital & Logic Circuits | ELP 114 | 2 | 1 | 2 | 3 | 50 | 20 | 15 | 15 | 100 | Major Compulsory | Prof. Ahmed Saleh |
| 3 | ELE 222 | Electronic Devices | ELP 114 | 2 | 1 | 2 | 3 | 50 | 20 | 15 | 15 | 100 | Major Compulsory | Assis. Prof. Warda Mohamed |
| 4 | ELE 271 | Signal Analysis | ELP 114 | 2 | 1 | 2 | 3 | 50 | 20 | 20 | 10 | 100 | Major Compulsory | Assis. Prof. Rehab Mahmoud-Assis. Prof. Shaimaa Abdelkadr |
| 5 | ELP 181 | Energy Conversion | ELP 114 | 0 | 2 | 3 | 3 | 60 | 20 | 20 | | 100 | Institute Compulsory | Assis. Prof. Samy Lashin |
| 6 | HUM X72 | Trends in Contemporary Arts | | 0 | 0 | 2 | 2 | 60 | 20 | 20 | | 100 | General Elective | Assis. Prof. Abdallah Kormod |
| | | | | Tot. | | 17 | | | | | | | | |

Head of Department

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| Level 300 | | | | | | | | | | | | | | |
|------------------|------------|--|---------------------|--------------------------------|-----|------|-------------|-------------|---------|-----------|-----------|-------|----------------------|---|
| No. | Course No. | Course name | Course prerequisite | Distribution of hours per week | | | | Mark | | | | | Course type | course Coordinator |
| | | | | Lab. | Ex. | Lec. | Credit Hr. | Theoretical | Applied | Year work | Practical | Total | | |
| 1 | ELC 361 | Automatic Control | ELC 251 | 2 | 1 | 2 | 3 | 50 | 20 | 20 | 10 | 100 | Major Compulsory | Assoc. Prof. Mohamed Sherif |
| 2 | ELE 322 | Electronics Engineering | ELE 222 | 2 | 1 | 2 | 3 | 50 | 20 | 20 | 10 | 100 | Major Compulsory | Assis. Prof. Rehab Mahmoud-Assis. Prof. Shaimaa Abdelkadr |
| 3 | ELE 361 | Electrical Communications | ELE 271 | 2 | 1 | 2 | 3 | 50 | 20 | 20 | 10 | 100 | Major Compulsory | Assis. Prof. Elsaheed Marzoq-Assis. Prof. Hesham Sakr |
| 4 | IEN 314 | Project Management | | 0 | 1 | 2 | 2 | 60 | 20 | 20 | | 100 | Institute Compulsory | Assis. Prof. Mahmoud Elmahrogy |
| 5 | HUM 351 | Professional Ethics | | 0 | 0 | 1 | 1 | 60 | 20 | 20 | | 100 | Institute Compulsory | Assis. Prof. Samy Lashin |
| 6 | ELP 321 | Electrical Power | ELP 241 | 2 | 1 | 2 | 3 | 50 | 20 | 20 | 10 | 100 | Major Compulsory | Prof. Gamal Elsaheed-Assis. Prof. Mohamed Eid |
| 7 | HUM x71 | Introduction to The History of Civilizations | | 0 | 0 | 2 | 2 | 60 | 20 | 20 | | 100 | General Compulsory | Assis. Prof. ElSayed Salah |
| | | | | | | | Tot. | 17 | | | | | | |

| Level 400 | | | | | | | | | | | | | | |
|------------------|------------|----------------------------|---------------------|--------------------------------|-----|------|-------------|-------------|---------|-----------|-----------|-------|------------------|--|
| No. | Course No. | Course name | Course prerequisite | Distribution of hours per week | | | | Mark | | | | | Course type | course Coordinator |
| | | | | Lab. | Ex. | Lec. | Credit Hr. | Theoretical | Applied | Year work | Practical | Total | | |
| 1 | ELE 463 | Mobile Communications | ELE 361 | 0 | 2 | 2 | 3 | 60 | 20 | 20 | | 100 | Minor Compulsory | Assis. Prof. Mohamed Ismael-Assis. Prof. Hesham Sakr |
| 2 | ELE 411 | Integrated Circuits Design | ELE 321 | 2 | 1 | 2 | 3 | 50 | 20 | 20 | 10 | 100 | Minor Compulsory | Assis. Prof. Ali Elsherbiny |
| 3 | ELE 467 | Satellite Communications | ELE 361 | 0 | 2 | 2 | 3 | 60 | 20 | 20 | | 100 | Minor Elective | Assis. Prof. Elsaheed Marzoq-Assis. Prof. Hegazi Fathalla |
| 4 | ELE 492 | Project 2 | ELE 491 | 4 | 4 | 0 | 4 | | | 50 | 50 | 100 | Minor Compulsory | Assis. Prof. Mohamed Ismael- Assis. Prof. Abeer Tawakol- Prof. Ahmed Saleh |
| | | | | | | | Tot. | 13 | | | | | | |

Head of Departement

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