

Course Structure

Advanced Certificate in Electrical and Electronics Engineering

Faculty of Engineering, Science and Technology



Semester 1

| Type | Code | Name | Prerequisites | Credit Points | Fee (MVR) |
|-----------------------|--------|---------------------------|---------------|---------------|--------------|
| CORE | MAT005 | Engineering Mathematics | Nil | 10 | 1,150 |
| CORE | PHY003 | Engineering Science | Nil | 10 | 1,150 |
| CORE | MEC005 | Engineering Drawing | Nil | 12 | 1,920 |
| CORE | MEC033 | Workshop Technology | Nil | 12 | 1,920 |
| CORE | GEN033 | Study Skills | Nil | 6 | 540 |
| CORE | CPT001 | Introduction to Computing | Nil | 10 | 1,150 |
| Semester Total | | | | 60 | 7,830 |

Semester 2

| Type | Code | Name | Prerequisites | Credit Points | Fee (MVR) |
|-----------------------|--------|----------------------------|---------------|---------------|--------------|
| CORE | CPT005 | Computer Assisted Design A | Nil | 15 | 1,725 |
| CORE | ELE001 | Electrical Technology | Nil | 15 | 2,400 |
| CORE | ELE003 | Electrical Installation | Nil | 15 | 2,400 |
| CORE | ELE005 | Electronic Fundamentals | Nil | 15 | 2,400 |
| Semester Total | | | | 60 | 8,925 |

Semester 3

| Type | Code | Name | Prerequisites | Credit Points | Fee (MVR) |
|-----------------------|--------|------------------------|---------------|---------------|--------------|
| CORE | ELE009 | Electrical Machines | Nil | 15 | 2,400 |
| CORE | ELE011 | Electronic Circuits | Nil | 15 | 2,400 |
| CORE | ELE013 | Consumer Electronics 1 | Nil | 15 | 2,400 |
| CORE | ELE015 | Digital Electronics | Nil | 15 | 2,400 |
| Semester Total | | | | 60 | 9,600 |

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|---------------------|------------|---------------|
| Course Total | 180 | 26,355 |
|---------------------|------------|---------------|

Fees stated above are tuition fees for local students. Fees for international students is twice the stated fees. All fees are quoted in MVR.

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