APPROVED

# EN8152: Electrical Lighting Design

## Course Details

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| **Course Code:** | EN8152 |
| **Course Title:** | Electrical Lighting Design APPROVED |
| **Short Title:** | |
| **Course Level::** | Level 8 |
| **Valid From::** | 2018/2019 Sem 2 |
| **Credits::** | 15 |
| **Owner:** | Engineering Technology |
| **Assessment Method:** | Achievement |
| **Course Aim** | To develop critical knowledge of theories, and practical skills in the area of industrial and commercial illumination engineering, adhering to industry standards and regulations. |

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| *On Completion of this course, the learner will be able to* | |
| **#** | **Learning Outcome Description** |
| 1 | Demonstrate critical knowledge of theories, principles and concepts relating to illumination engineering and the design and analysis of qualitative and quantitative artificial lighting designs for indoor and outdoor spaces. |
| 2 | Design and analyze,environmentally friendly and sustainable indoor/outdoor artificial lighting/illumination systems, including the use of advanced software packages, to satisfy a client's specification all in accordance with local/international standards and engineering ethics. |
| 3 | Critically analyse a range of light sources in terms of efficacy, cost efficiency and environmental friendliness. |

**Requisites**

- Pre Requisite: 60 credits of mandatory L7 BEngTech (electrical) courses

**Examinations**

**Assessment Type**
Examination (Unseen)

**Other Controlled Assessments**

**Assessment Type**
Short-answer question

**Uncontrolled Assessments**

**Assessment Type**
Project (Individual)

## Affiliated Entities

| Entity Code | Entity Title | Entity Version | Entity Type |
|---|---|---|---|
| None | | | |