

**APPROVED**

## EN8922: Engineering Project Management and Quality

### Course Details

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|--------------------|--|
| Course Code:       | EN8922   |
| Course Title:      | Engineering Project Management and Quality <b>APPROVED</b>   |
| Short Title:       | EPQM   |
| Course Level::     | Level 8  |
| Valid From::       | 2019/2020 Sem 1  |
| Credits::          | 10   |
| Owner:             | Engineering Technology   |
| Assessment Method: | Achievement  |
| Course Aim         | Develop project management processes and expand on all areas of knowledge in internationally recognized project management standards.<br>Develop analytical and management tools necessary to solve quality problems and implement effective quality and tools and systems |

| CILO   |   |
|--|---|
| On Completion of this course, the learner will be able to  |   |
| #  | Learning Outcome Description  |
| 1  | Formally initiate project and develop project management plans, applying an international project management standard and professional codes of conduct, taking into account legal, economic, safety, environmental and societal context. |
| 2  | Execute, monitor and control project work and formally close a project, expanding on all knowledge areas of an international standard.  |
| 3  | Critically analyze and solve complex engineering problems by adopting operations management, sustainable engineering solutions, and quality control techniques based on the engineering ethics.   |
| Requisites   |   |
| <ul style="list-style-type: none"> <li>Pre Requisite: 60 credits of mandatory L7 BEngTech courses</li> </ul> |   |

| Examinations                                   |
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| <b>Assessment Type</b><br>Examination (Unseen) |
| No Other Controlled Assessments                |
| Uncontrolled Assessments                       |
| <b>Assessment Type</b><br>Project (Group)      |
| <b>Assessment Type</b><br>Project (Group)      |
| <b>Assessment Type</b><br>Project (Individual) |

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