

| Module Details | |
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| Module Title | Construction Management |
| Module Code | CSE7008-B |
| Academic Year | 2024/5 |
| Credits | 20 |
| School | School of Built Environment, Architecture & Creative Industries |
| FHEQ Level | FHEQ Level 7 |

| Contact Hours | |
|----------------|-------|
| Type | Hours |
| Lectures | 32 |
| Tutorials | 8 |
| Directed Study | 160 |

| Availability | |
|--------------|-------------------------------------|
| Occurrence | Location / Period |
| BDA | University of Bradford / Semester 2 |

| Module Aims |
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| To provide students with an understanding of the concepts and techniques of construction management with reference to their use in an engineering, design and technological organisational built environment. |

| Outline Syllabus |
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| Project investment decision-making process; Tendering and estimation from the client and contractor's point of view. Construction site management. Construction regulations in the UK, e.g. Health and Safety. Managing human resources on projects. Project planning and scheduling using MS project. Project organisation and responsibilities. Case studies of successful and unsuccessful projects delivery by contractors and the analysis of the management lessons. |

| Learning Outcomes | |
|-------------------|--|
| Outcome Number | Description |
| 01 | Critically review the key principles of construction management. |
| 02 | Apply construction management techniques appropriately. |
| 03 | Interpret data and solve problems. |

| Learning, Teaching and Assessment Strategy |
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| <p>The module is delivered as a continuous dialogue with students on their understanding of the most important principles of Construction Management, using a series of presented lectures supported by tutorials including video material and case studies. At least one guest speaker will provide further accounts of industrial experience on specific topics. The exposure of students to industry knowledge in the field is very important, being an MEng and MSc final year.</p> <p>Case studies will be discussed in the class and questions for each presentation should be revised. The revision of the whole syllabus is done in the last week of the teaching semester and again before the examination takes place.</p> <p>The summative coursework will focus on the decision making processes that are typically associated with the management of construction projects, whilst the examination will cover all other areas.</p> |

| Mode of Assessment | | | |
|--------------------|---------------------------|-----------------------------------|-----------|
| Type | Method | Description | Weighting |
| Summative | Coursework - Written | Essay 2500 words | 30% |
| Summative | Examination - Closed Book | Closed book examination (3 hours) | 70% |

| Reading List |
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| To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html |

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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