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QUSU08023 2019

Dissertation in Construction Project management

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|-------------------------|---|------------------------|------------------------------------|
| Full Title | Dissertation in Construction Project management | | |
| Transcript Title | Dissertation in Construction P | | |
| Status | IB - Uploaded to Banner | Module Code | QUSU08023 |
| NFQ Level | 08 | ECTS Credits | 10 |
| Subject Area | QUSU - Quantity Surveying | Attendance | N/A % |
| Grading Mode | | Module Duration | Semester - (15 Weeks) |
| Start Term | 2019 - Full Academic Year 2019-20 | End Term | 9999 - The End of Time |
| Module Leader | Paul Tansey | Department | CENG - Civil Eng. and Construction |

Module Description

This module will equip students with the necessary knowledge and skills to successfully complete an element of undergraduate research and produce a dissertation.

Indicative Syllabus


Research design - selecting a suitable topic, review of existing knowledge, devise conceptual framework, decide the research question, list information needs, decide research strategy, conduct report findings.

Research method - appreciating the use and application of different techniques, literature review, document analysis, surveys, interviews, sampling and statistical methods.

Information - official publications, published works, library resources, archival resources, industrial and private resources.

Research evaluation - critical evaluation of research arising from the application of various research techniques.

Dissertation presentation - presentation, layout, printing and typing, pagination, title page, declaration, abstract, referencing, citation, visuals, bibliography, appendices.

|  | Learning Outcomes <i>On completion of this module the learner will/should be able to;</i> |
|--|---|
| 1. | Formulate a research problem and generate related research question(s). |
| 2. | Articulate the aims of the investigation. |
| 3. | Apply appropriate theoretical approaches and methodology. |
| 4. | Produce a well focused literature review. |
| 5. | Collect relevant data and analyse them in the light of the research questions. |
| 6. | Present findings in a coherent and logical manner. |
| 7. | Defend your argument, the work undertaken, the validity of the conclusion, alternative methods and the ramifications/impact of the project on the built environment and society at large. |

Teaching and Learning Strategies

This module will be delivered using blended learning techniques. This will include online lectures (via adobe connect or similar), workshops and work based learning where relevant and guest lectures augmented by independent learning and directed learning. This approach is expected to address student learning needs. Moodle will be used to upload educational material (i.e. presentations and recordings of online lectures plus supplementary reading material) and as a means of assessment (e.g. quizzes, uploading assignments and journals). This blended approach (lectures and workshops) brings students together to facilitate group learning.

Module Assessment Strategies**Interim Presentation at Seminar - 5%**

Verbal presentation skills

Knowledge of subject area

Ability to respond to queries

Continuous Assessment - 10% (5% = Semester 1; 5% = Semester 2)

Programming & Management (time, records, appointments,)

Adherence to specified submission dates

Communication with supervisor

Attendance at meetings

Regular submission of written work

Ability to discuss issues and act on constructive criticism

Submission and quality of first draft

Final Interview

Introduction & Literature Review - 35% (Marked end of Semester 1)

Abstract & Introduction to the problem

Aims & Objectives

Relevance, scope and currency of topic

Technical content

Analysis, interpretation and discussion

Research - 30%

Methodology and its justification

Ethical considerations

Identification of limitations

Commitment to the problem raised

Relevance to aims and objectives

Discussion

Validity & reliability of findings

Conclusions and Recommendations

Overall argument - cogent, coherent, logical, well analysed and critical

Quality of Report Writing and Presentation - 20%

Layout & Format

Spelling, Grammar, Punctuation & Referencing

Methodical

Clarity, Quality & Flow of Academic Writing

Repeat Assessment Strategies

Repeat Continuous Assessment.

Module Dependencies**Prerequisite Modules**

none

Co-requisite Modules

none

Incompatible Modules

none

Programme Membership

SG_CCONS_K08 201900 Level 8 Honours Degree Add-on in Construction Project Management

SG_SCONS_H08 201900 Bachelor of Science (Honours) in Construction Project Management and Applied Technology

Coursework / Continuous Assessment Breakdown

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|--|--|--|--|
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|--|--|--|--|

| | | | |
|------------------------------------|-------|------------------------------------|-----|
| Coursework & Continuous Assessment | 100 % | End of Semester / Year Formal Exam | 0 % |
|------------------------------------|-------|------------------------------------|-----|

Coursework Assessment

| Title | Type | Form | Failed Element | Percent | Week | Outcomes Assessed |
|--|-----------------------|------------------------|----------------|---------|------|-------------------|
| Presentation Presentation to Supervisors and Class | Continuous Assessment | UNKNOWN | No | 5 % | Any | 2 |
| Continuous Assessment Management, Communication, Submissions and Final Interview | Continuous Assessment | Performance Evaluation | No | 10 % | Any | 1,2,3,4,5,6 |
| Written Report Written Report Introduction & Literature Review | Continuous Assessment | Written Report | No | 35 % | Any | 1,2,4 |
| Written Report Research | Continuous Assessment | Written Report | No | 30 % | Any | 2,3,5,6,7 |
| Written Report Written Report Quality of Report Writing and Presentation | Continuous Assessment | Written Report | No | 20 % | Any | 6,7 |

Full Time Mode Workload

| Type | Location | Description | Hours | Frequency | Avg Workload |
|----------------------|-----------------|------------------------|-------|-----------|--------------|
| Tutorial | Lecture Theatre | group exercises | 2 | Weekly | 2.00 |
| Independent Learning | UNKNOWN | self directed learning | 12 | Weekly | 12.00 |

Total Full Time Average Weekly Learner Contact Time 2.00 Hours

Part Time Mode Workload

| Type | Location | Description | Hours | Frequency | Avg Workload |
|----------------------|-------------------------|------------------------|-------|-----------|--------------|
| Tutorial | Distance Learning Suite | group exercises | 2 | Weekly | 2.00 |
| Independent Learning | UNKNOWN | self directed learning | 12 | Weekly | 12.00 |

Total Part Time Average Weekly Learner Contact Time 2.00 Hours

Module Resources

Non ISBN Literary Resources

| Authors | Title | Publishers | Year |
|-------------------|--|-----------------------|------|
| IT Sligo | Construction Project Management Dissertation Handbook | IT Sligo | 2019 |
| Naoum | Dissertation, Research and Writing for Construction Students. 2 nd ed. | Butterworth Heinemann | 2006 |
| Rudestam & Newton | Surviving Your Dissertation: A comprehensive guide to content and process. 3 rd ed. | Sage | 2007 |
| Fellows & Lui | Research Methods for Construction. 3 rd ed | Wiley Blackwell | 2008 |
| Anderson & Poole | Assignment and Thesis Writing. 4 th ed | Wiley Blackwell | 2001 |
| Bell | Doing Your Research Project, A Guide for First Time Researchers | Open University Press | 2003 |
| Robson | Real World Research (2 nd Edition) | Blackwell Publishing | 2002 |

Journal Resources

- Construction Management & Economics
- International Journal of Project Management
- Engineering, Construction and Architectural Management
- Journal of Management in Engineering
- Building Research & Information
- Automation in Construction

URL Resources

<https://scholar.google.com/>

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|-------------------------------|
| |
| Other Resources |
| n/a |
| Additional Information |
| None |

n/a

Additional Information

None

| Administrative Information | |
|--------------------------------|-----------------|
| Date Created | 26-03-2019 |
| Module Owner | Paul Tansey |
| Date School Approved | 12-07-2019 |
| Module Approver | Trevor McSharry |
| Date Academic Council Approved | 12-07-2019 |