

School of Computing, Electronics and Mathematics
Faculty of Engineering, Environment and Computing

M102CEM Project - Briefing



Introductions...

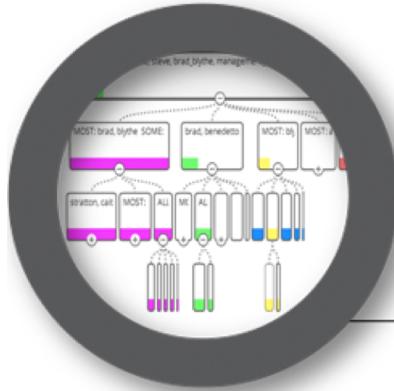
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Module Leader for M102CEM

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Theta: Tue and Thu 10-11am.



verview

- Summary of the Module
- Research Process
- Typical Report and Mark Allocation
- The Role of the Supervisor
- CU Ethics
- What next?
- Questions

MSc vs Diploma



- The thing that distinguishes your Post Grad Diploma and a full blown MSc is the Project
- It is a demonstration of your intellectual capability, knowledge and experience
- Applied and embodied in a project
- Its serious stuff – so give it your serious attention!

From M102CEM Module Descriptor....

The project is intended to provide students with the opportunity to **demonstrate competence in applying the concepts and skills acquired during the taught part of the course.** Students will apply a level of intellectual rigor which is commensurate with the standard of their Masters level programme of study. The project may be a **solution to a practical industry problem/ requirement or focus on a research topic.** The module will allow **investigation and research as core activities, leading to analysis, final summations and insightful recommendations.** The project will culminate in a comprehensive, thorough and professional report, **documenting the conduct, approach and outcomes of the project,** further supported with a **critical review of the project conduct and management.** It is intended that the module gives students an opportunity to ‘specialise’ in an area that may be interesting, relevant and useful for future career prospects, but still lies in the context of his/her programme of study.

Module Learning Outcomes...

1. Construct solutions to given problems by the application of appropriate tools and techniques, within a chosen specialism, with professionalism, confidence and competence.
2. Critically evaluate current information resources relevant to a particular problem and justify appropriate problem solving strategies with respect to resources, tools and techniques.
3. Describe effectively in formal and informal situations both verbally and otherwise with interested parties.
4. Apply project management skills and critically evaluate research and problem solving processes.
5. Evaluate of any legal, social and ethical issues relating to research and project work.

Overview of the Research Process



Identify a problem

Identify aim, objectives, research area

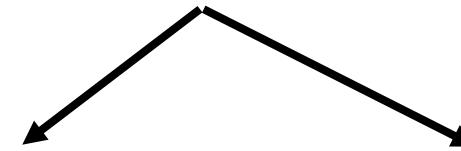


Review the literature

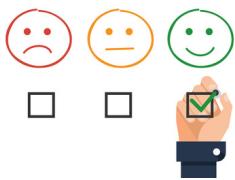
*What has others done to find a solution to this problem?
How is your "solution" different?*



Work on your solution



Gather primary data (Bristol Online Survey)



Primary data to evaluate your solution (Bristol Online Survey)



Work on solution



Final Report



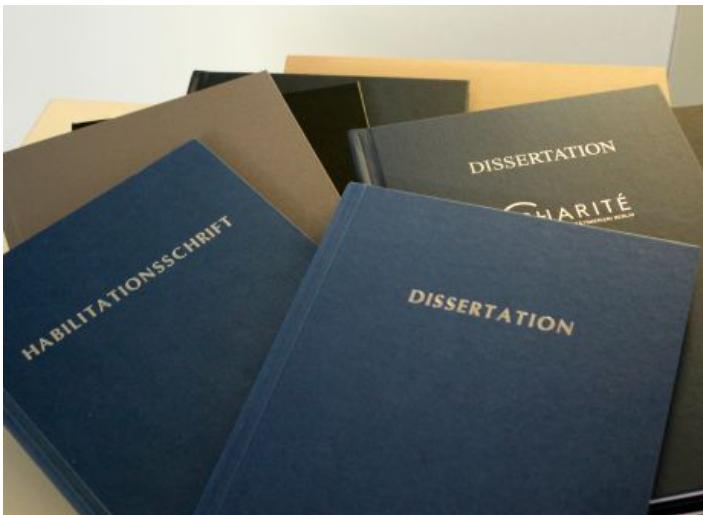
Typical Report



Intelligence is what we are after...

Typical Report

- A typical dissertation will contain general sections such as
 - Introduction
 - *background, aims and objectives, company background*
 - Literature review
 - Research Methodology
 - Analytical context
 - Development of “solution”
 - Conclusions and Recommendations, and
 - Project Management and critical review
- Approx 10 k to 15K words >.
- Submitted online.



Mark Allocation

Coursework Brief:

The project is intended to provide you with the opportunity to demonstrate competence in applying the concepts and skills acquired during the taught part of the course. You will apply a level of intellectual rigor which is commensurate with the standard of your Masters level programme of study. The project may be a solution to a practical industry problem/requirement or focus on a research topic. Projects can be either practical problems undertaken for a real client or a research project, normally undertaken in conjunction with a research group in the faculty. In either case you will be applying and extending skills and knowledge acquired in the taught elements of the course.

You are asked to produce a comprehensive, thorough and professional report, documenting the conduct, approach and outcomes of the project, further supported with a critical review of the project conduct and management.

The project should include the following:

- | | |
|--|----|
| 1. How objectives were met in relation to research question | 10 |
| 2. Research methods & literature review with discussion and analysis | 30 |
| 3. Data collection, analysis and discussion | 20 |
| 4. Solution, conclusion and recommendations | 20 |
| 5. Project management and critical evaluation of performance and conduct | 10 |
| 6. Report structure and cohesiveness | 10 |

The Role of the Supervisor

Supervisor list to be confirmed in March 2019

- Assigned a 1st supervisor and 2nd marker as stated
- They will **guide** you acting loosely as ‘project managers’ and mentors
 - through the **University Process**
 - By helping you pitch the project at the **correct level** for Post grad projects
 - By confirming your **proposal is appropriate**
- Be aware they are **not** the ones doing your project, the **detail is with you**



More detail about supervisors ...

- confirm the **boundaries** of the project and **appropriateness** to the programme of study;
- confirm the **aims and objectives** of the project are sufficient/ succinct and relevant to the programme of study and held in a project **proposal document**;
- agree the **frequency and mode** of communication for the duration of the project;
- **guide** and discuss the **approach of the project** and any potential **corrective measures** if they should arise during the project period;
- **monitor the progress** of the student and project;
- **Conduct marking**

CU Ethics

Coventry University requires all research to be submitted for ethical review and clearance as a matter of priority. All staff and students are required to obtain ethical approval before undertaking any research. Approval may also be required for other, non-research, activities involving human participants. Staff are responsible for following the internal process and supervisors of students are responsible for ensuring that their students do the same



Ethical approval must be obtained for ALL research projects, and BEFORE any data are collected

From M102CEM Module Descriptor....

Method of Assessment (normally assessed as follows)

Project Report (100%) assessing learning outcomes 1, 2, 3, 4, 5

As part of this module, you are required to submit an online ethics application and to obtain ethical approval for the research project that you are proposing to undertake. At Coventry University, formal ethical approval must be obtained before any data is collected for a research project. You must download and append a Certificate of Ethical Approval to your project when you formally submit it via Turnitin. This is to confirm that ethical approval has been obtained for your project.

Failure to submit your ethics application and to gain appropriate ethical approval for the research you will undertake by the relevant deadlines (and before any data is collected) may result in disciplinary action and will be subject to the Ethics Misconduct process which is outlined in the General Regulations, Appendix 1. Penalties can include zero for your work and possible exclusion from the University for Non-compliance with the ethics process.

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Coventry University ETHICS

Week: 11 | 10 Oct 2018 - 16 Oct 2018 | 15 Oct 2018

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CU ETHICS Home

CU ETHICS for application & authorisation of LOW, MEDIUM to HIGH and HIGH Risk Ethics Applications

[more information? ▶](#)

Useful Links

- ▶ Coventry University
- ▶ OMIS
- ▶ CU Portal
- ▶ StaffNet
- ▶ EFAAF
- ▶ CMIS ePortal

Have a CU ETHICS profile but still having trouble logging in?

You must contact Coventry University IT Services who can assist with your user name and password - here is a page on the Coventry University website on how to [reset your password](#)

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Project Hand-in



- Submit your project through the final submission link on Moodle – **19 AUGUST 2019**
- Your submission must include a declaration of originality. And your online ethics form must have been approved.
- You will be given a pre-submission turnit in app that you can submit 1 report per day (overwrites)

Marking

- Both 1st supervisor and 2nd marker – mark independently
- If out by 10% of each others marks a 3rd marker is brought in and coordinator resolves
- 40% pass mark
- 60+ is merit
- 70+ is distinction

What now?



- It is **important** and you should
 - carefully starting to **consider**
 - **subject areas** that
 - could be of **interest** and **significance** to you
 - Via modules you are on AND separate reading
- **Empower** yourselves, it is **YOUR** project

Summary

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And finally remember...

- **“Planning is bringing the future into the present so that you can do something about it now”**

- Alan Lakein



