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Dublin Business School
enriching minds • inspiring leaders

ICT Project

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Structure of Higher Diploma in Science in Computing

Semester I
(30 credits)

- Block 1 (15 credits)
- Block 2 (15 credits)

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Semester II
(30 credits)

- Block 3 (15 credits)
- Block 4 (Project – 15 credits)
- Symbolizes end of course

Project – Pass or Fail (No marks)

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Stream-Specific Project Includes?

- Artefact - an assembly, a combination of parts
- Probably software or a network artefact
- Your own work (Not a copy)
- Useful
- Challenging
- With the depth expected of a graduate with this qualification
- Report

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Project

- Think about some idea related to your area
- You have to show the evidence of self-motivated learning
 - Do research
 - Choose some doable Project
 - Specify Scope
 - Think about the techniques that you learnt during the course
 - What do you want to learn?

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Project

- Develop a good showcase project to include in your portfolio
- SHOULD enhance your job prospects
- There might even be a business in it!
- Most Important

You cannot graduate without project

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Ideas stage

- What are you interested in? – technologies, markets, industries, ...
- What applications, designs would you like to develop?
- What consumer products could you improve?
- What online services would you like to see?
- Is there an app for that?
- ...

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Project Ideas

- Location based services app
- Better stock management for an SME
- Find a bad website – improve it with a back-end database
- Suggest a new online Government service
- WiFi controller for my central heating

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More ideas

- A web crawler that keeps organisations honest by daily archiving their websites
- Encrypted cloud storage
- Unified cloud storage (Gdrive+SkyDrive, etc)
- Downloading large data sets in a particular domain and analyzing them
- A Web forum/chatting App

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More ideas

- A web crawler that keeps organizations honest by daily archiving their websites
- A data Storing and analyzing solution
- Encrypted cloud storage
- Unified cloud storage (Gdrive+SkyDrive, etc)
- Developing a new Game (possibly for teaching and learning)

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...more

- Network infrastructure design
- Converged/IP design
- Home entertainment
- Automation/telemetry/IP
- A business analysis project

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Project Ideas/Topics

- From your own interests
- An idea from any employment
- You can ask lecturers in your favourite subject(s)
-(Please respect their time)
- Create a list now of possible topics that you like to do

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Timeline - Provisional at this Stage

- Submit proposal – 18th May (Provisional Date)
- Interim submission – End of June
- Final submission - Early August
- Presentation and demonstration week – Mid August

• **Supervisors will be appointed after proposal submission**

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Who are the supervisors?

- Most of your lecturers
- Other IT lecturers at DBS
- Will have an interest in the topic or area of your project
- You can make a request for a particular lecturer to be your supervisor
-But *no guarantee*

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How are the supervisors appointed?

- After Proposal Submission, I will contact supervisors team
- We will make matches based on common interests
- Your preferred supervisor may already have enough students!
- NO PROPOSAL = NO SUPERVISOR

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Proposal

- Project background and objective
- Scope
- Benefits
- What is to be produced – technologies, skills
- Timeline
- What you will learn
- DETERMINES IF PROJECT IS ACCEPTABLE OR NOT
- IF NECESSARY WILL BE REFERRED TO ETHICS COMMITTEE

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Interim Submission

- Key progress report
- Allows for feedback and course correction
- Should include complete project plan
- Full scope of deliverables and full timeline
- Presentation and demo of work in progress
- Evidence or literature review, market and technology research



Final Report

- Permanent record of what you achieved
- Demonstrates completion of the research, development and implementation
- Submission is electronic on Moodle



Presentation

- Presents your project to a peer group, supervisor and moderator
- Acts as a "viva voce" which is a live defence of your project and a key protection against plagiarism



Process

- This is independent work
- You will have a supervisor
- Role of supervisor is not to design, develop and debug – that's your role
- Supervisor will advise, guide and help with any issues
- Projects showing evidence of independent and self-motivated learning will be passed

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Three submissions

Proposal	18 th May	5%	1000 words
Interim Report	End June	10%	1500 words
Artifact Final Report Presentation	Early to Mid August	50% 20% 10%	6000 words 15 minutes

5% will also be awarded
for overall Management
of the process of
delivering the project.

Project Handbook contains all the information. It is available at
<https://elearning.dbs.ie/course/view.php?id=8308>

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Questions?

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