Institiúid Teicneolaíochta Chorcaí
Cork Institute of Technology

EDUC9033: Research Training

Module Details	

Short Title:	Research Training APPROVED
Full Title:	Research Training

Module Code:	EDUC9033	**NFQ Level:**	Expert	**ECTS Credits:**	5.0

Valid From:	Semester 1 - 2014/15 (September 2014)

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Description:	As part of the graduate student's continuing professional development and training, they may need to visit another academic or research laboratory to obtain training in a technique, extended access to specialised equipment for sample preparation or appropriate fieldwork. Students are required to spend a minimum of 3 months on this training placement and to compile a daily diary of their activities and a reflective journal.

Learning Outcomes:

On successful completion of this module the learner will be able to

1. Identify and evaluate the requisite specialized skills, technical training and specialized diagnostic or other equipment required to carry out their research project.
2. Apply new knowledge, specialised skills and technical training to research in the placement institution.
3. Exchange new knowledge and skills between the host research group/school and school/college of origin.
4. Present placement training outputs/learning achieved during placement in an appropriate format.

Pre-requisite learning

Module Recommendations
This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named CIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).

No recommendations listed

Incompatible Modules
These are modules which have learning outcomes that are too similar to the learning outcomes of this module. You may not earn additional credit for the same learning and therefore you may not enrol in this module if you have successfully completed any modules in the incompatible list.

No incompatible modules listed

Requirements
This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed. You may not enrol on this module if you have not acquired the learning specified in this section.

No requirements listed

Co-requisites

No co-requisites listed listed

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Module Content & Assessment

Indicative Content

- **Needs analysis**
  Identify the training and specialisation needed to develop the research project to justify the need for placement in another institute.
- **Professional training and development**
  Demonstrate new knowledge and skills to the satisfaction of the research supervisor in the institute of origin.
- **Knowledge exchange**
  Exchange new knowledge and skills between the host research group and the department/school of origin.
- **Presentation/dissemination of research work**
  Presentation of work placement training outputs during or after placement at the host site or the school/department of origin.

Assessment Breakdown	%
Course Work	100.0%
End of Semester Formal Examination	0%

Coursework Breakdown

Type	Description	Outcome addressed	% of total	Assessment Date
Written Report	Document the rationale behind the need for work placement as part of your research work. Produce learning goals/objectives desired for the work placement training and the desired outputs through discussions with the research supervisors/mentors. Clarify the rubrics used by the supervisor for assessing the learning.	1	25.0	Week 1
Practical/Skills Evaluation	Document the development and training that is taking place on work placement through use of a daily diary (laboratory notebook). Reflect on the learning i.e. the challenges, the training, difficulties, troubleshooting etc. Discuss with the supervisor what is to be recorded, the detail required and the assessment marking scheme.	1,2,3	50.0	Every Week
Presentation	Present to peers and researchers the outcomes of the research training through a presentation.	1,4	25.0	Sem End

Reassessment Requirement

Coursework Only
This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.

The institute reserves the right to alter the nature and timings of assessment

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Module Workload & Resources

Workload	Full-time			
Type	*Description*	*Hours*	*Frequency*	*Average Weekly Learner Workload*
Independent Learning	Autonomous student learning research or training at a host site.	5.0	Every Week	5.00
Independent & Directed Learning (Non-contact)	Discussions on work schedule and troubleshooting	4.0	Every Second Week	2.00
Lecturer-Supervised Learning (Contact)	No Description	0.25	Every Week	0.25
			Total Weekly Learner Workload	7.25
			Total Weekly Contact Hours	0.25

Resources

Supplementary Book Resources

- **Marian Petre, Gordon Rugg, 2010, *The Unwritten Rules of PhD Research*, 2 Ed., Open University Press [ISBN: 978-0335237029]**
- **Kate Williams, Emily Bethell, Judith Lawton, Clare Parfitt, Mary Richardson, Victoria Rowe, 2010, *Planning Your PhD*, 1st Ed., Palgrave Macmillan [ISBN: 978-0230251939]**
- **John Neugebauer, Jane Evans-Brain, 2009, *Making the Most of Your Placement*, 1st Ed., SAGE Publications London [ISBN: 978-1847875686]**