School Response to the Programme Validation Report

Panel Visit: 26th May 2016

Named Award:	Certificate
Programme Title	Building Energy Management
Award Type:	Special Purpose Award
Award Class:	Certificate
NFQ Level:	6
ECTS/ACCS Credits	40
First Intake:	2016

Panel Members

Dr. Derek O'Byrne	Chair	Registrar Waterford Institute of Technology
Mr. Finbarr Dunwoody	External Academic	Lecturer, Dep of Civil Engineering Letterkenny Institute of Technology
Mr. Joe Lawless	External Academic	Head of Dept. Civil Engineering Athlone Institute of Technology
Mr. Val O'Brien	External Practitioner/Industry Expert	Mc Govern & O'Brien Chartered Building Surveyors
Dr. Breda Brennan	Secretary	Assistant Registrar Dundalk Institute of Technology

Programme Development Team

Eugene Roe (Head of School)	Noel Mc Kenna (Head of Dept. of the Built Environment)
Phil Bradley	Colin Doran
Enda Fields	Denise Quigley

Introduction

The report contains a response from the programme development team within the School of the Built Environment to the programme validation panel report for the proposed programme Certificate in Building Energy Management

Heading
Standards and Outcomes

Condition
Non conditional

Recommendation (s)
Programme learning outcomes should be mapped to the relevant professional standards.

Response
After due consideration the programme development team agreed to carry out a review of individual modules, alongside mapping exercise, ensuring that individual modules are mapped to QQI Level 6 professional standards.

Heading
Programme Structure

Condition
Non conditional

Recommendation (s)
The programme team should review whether the structure of this programme is optimal. Consideration should be given to reducing the credits so that the programme can be delivered in one semester (e.g. by removal of work based/Project or Property Management which are considered by the panel to be the least integral to the programme.

Report Writing and Communications should be a mandatory module.

Response
After due consideration and much deliberation the programme development team agreed to reduce the course from a 40 ETC credit course, to a 30 ECT course based on the panel recommendation. This involved the removal of the 'programme management' and 'work based/project' modules, so the programme can be delivered in one semester. Please refer to Appendix A for revisions to programme structure.

Report Writing and Communications has now become a mandatory module.

Heading
Assessment Strategies

Condition
Non conditional

Recommendation (s)

An assessment schedule for each semester, showing approximate dates/deadlines for each assignment should be submitted.

Response
The programme development team prepared a revised assessment schedule, please refer to Appendix B for revised assignment schedule.

Heading
Quality Assurance

Condition
Provide the programme documentation in Akari Curriculum Development format in accordance with Institute policy. Document should demonstrate compliance with Institute policies and procedures regarding stage credits, module workshops etc. Documentation submitted much include the programme schedule, programme learning outcomes, a programme learning outcome/module learning outcome matrix and module descriptors.

Recommendation (s)
None

Response
Programme documentation submitted in accordance with Akari Curriculum Development format, all revisions/amendments/conditions to original documents shall be inputted into Akari Curriculum Development in compliance with Institute policies and procedures regarding stage credits, module workshops etc.

I confirm that all changes (where appropriate) have been made in the programme management system (Akari Document).

School Response Report Approved By:

Signed:

<name>, <school>

Date:

I confirm that the conditions and/or recommendations contained in the validation panel report have now been met and recommend this programme to the Academic Council at Dundalk Institute of Technology for ratification.

Signed:

<name>, Chair,
Programme Validation Panel

Appendix A-Revisions to Programme Structure

The 'Certificate in Building Energy Management' shall now be a one semester programme. Learners will complete 3 core modules and chose one elective (Total 30 credits). Similar modules are currently running in year one, offered to BSc. in Construction Technology and BSc. in Building Surveying students, certificate in Building Information Modelling and on the proposed higher certificate in property and facilities management.

The core (mandatory) modules are;

- Report writing & Communication (7.5 credits)
- Energy Technology (7.5 credits)
- Passive & Low Energy Design (7.5 credits)

The electives are:

- Surveying and Energy Management (7.5 credits)
  or
- Sustainable Energy (7.5 credits)

Semester 1 (Sep-Dec Yr.1)	**Status**
Report writing & Communications	M
Surveying and Energy Management	E
Sustainable Energy	E
Energy Technology	M
Passive & Low Energy Design	M

Certificate in Building Energy Management		Elective/Mandatory						
Schedules								
Stage1 /Semester 1								
Mod Code	Module Title	Co-ordinator	Level	Credits	FT Contact Hours	PT Contact Hours	Course Work	End of Module Exam
	Report writing & Communications	M	6	7.5		1	100	
54291	Surveying and Energy Management	E	6	7.5		2	100	
	Sustainable Energy	E	6	0		0	100	
54293	Energy Technology	M	6	7.5		2	50	50
	Passive & Low Energy Design	M	6	7.5		1	50	50
			Total Credits	30	Total Hrs	6		

Appendix B-Revised Assignment Schedule.

Certificate in Building Energy Management																	
Semester 1			w/c	w/c	w/c	w/c	w/c	w/c	w/c	w/c	w/c	w/c	w/c	w/c	w/c	w/c	w/c
Modules	Recoverable (y-n)	% of overall marks	1	2	3	4	5	6	7	8			9	10	11	12	13
Report writing & Communications																	
Assignment 1 (assessing a set of specific skills)	Y	50%															
Assignment 2 (assessing a set of specific skills)	Y	50%															
Surveying and Energy Management																	
Assignment 1 (influence factors of occupier on buildings performance in use)	Y	40%															
Assignment 2 (possible energy audit on case study building)	Y	60%															
Sustainable Energy																	
Assignement 1 (written assignment on principles of energy policy development)	Y	50%															
Assignement 2 (Students to complete set exercise/ on case study building)	Y	50%															
Energy Technology																	
Assignment 1	Y	20%															
Assignment 2	Y	20%															
End of Term Exam	N	60%															
Passive & Low Energy Design																	
Assignement 1 (essay style question)	Y	25%															
Assignement 2 (Group work)	Y	25%															
Class test	N	50%															