



Institute of Technology Sligo  
INSTITIÚID TEICNEOLAÍOCHTA SLIGEACH

REPORT OF NON MAJOR VALIDATION PANEL

Date of Evaluation	11 June 2021
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Programmes Title(s)	Bachelor of Arts (Honours) in Computing in Application Design and User Experience Level 8
Award Title(s):	Bachelor of Arts ( Honours) in Computing in Application Design and User Experience
Programme Code(s)	SG_KAPPL_H08
NFQ Level	8
ECTS credits	240 ECTS

**Evaluation Panel Member:**

Name & title	Job title & place of work	Role on panel
Dr Breda McTaggart	Head of Department of Social Sciences	Chairperson
Janette Gillen	Innovation Centre Manager	Panel members
Dr Brendan Ryder	Head of Academic Planning and Quality Assurance, Dundalk Institute of Technology and member of the original validation panel	Panel member
Dr Aodhmar Cadogan	Assistant Registrar	Secretary

**Declaration Regarding Any Conflicts of Interest:** The members of the Panel signed a form confirming that they did not have any conflict of interest.

**Meeting groups**

**Institute Management:** see below.

**Programme development team.:** see below

**Persons met by validation panel:**

Name & title	Role in Institute	Rationale for presence at validation.
Diane O'Brien	Head of Department of computing and Electronics	Management
Adrian Durcan	Lecturer	Programme team

Note: In the context of this report, a condition indicates an action or amendment which in the view of the validation panel must be undertaken prior to the commencement of the new (or revised) programme. Conditions are mandatory for Approval of the Programme(s). A recommendation indicates an action or amendment which in the view of the panel should be given serious consideration by the programme development team for implementation.

### Background to change being assessed by non-major panel

It is proposed to change the year 4 Bachelor of Arts in Application Design and User Experience module offering by replacing two modules which introduce topics more relevant to software developers (Open Stack Development 401 & Open Stack Development 402) with two modules which offer competencies in digital marketing strategy and scaffold customer (user) experience learning outcomes (Digital marketing strategy 1 and Digital marketing strategy 2).

Furthermore, it is proposed to change the year 4 B.A. Application Design & User Experience module offering by replacing one topic more relevant to software developers (Big Data) by increasing an existing module's (Augmented UX/UI) ECTS' to 10. The rationale better aligning the programme to industry demands, e.g., Skillnet Ireland Strategy 2021-2025's report on AR/VR, which is to make this technology a key agent in the encouragement of innovation.

Validation criteria	Sufficient evidence / Insufficient evidence
<p><b>Rationale for the programme</b></p> <ul style="list-style-type: none"> <li>• Philosophy underpinning the programme e.g. market for programme in the region and its relevance to the region</li> <li>• Graduate profile and employment opportunities for graduates</li> <li>• Rationale for the programme e.g. School's/Institute's strengths/opportunities</li> <li>• Programme Aims and Objectives</li> <li>• Expected intellectual development and Programme learning outcomes</li> <li>• Related existing programmes.</li> </ul>	<p>The panel commended the extensive discussions the programme development team has had with both industrial representatives and also with the students across all stages of the current programme that have informed the proposed change. The panel note that current Year 3 students are in agreement with the proposed changes to Year 4.</p> <p>The industry need for skills in the new module was clearly articulated by the programme development team.</p> <p>The programme development team also confirmed that the graduate opportunities remained the same for the programme (taking the changes into consideration).</p> <p>Sufficient evidence provided.</p>
<p><b>Commendation:</b> None  <b>Condition:</b> None  <b>Recommendation:</b> None</p>	

<p><b>Programme structure</b></p> <ul style="list-style-type: none"> <li>• Delivery type (semesterised or stage-based)</li> <li>• Proposed mode of delivery (i.e. in-class, on-line, blended, full time and/or part time)</li> <li>• Planned intake numbers (over the full duration of the programme)</li> <li>• Role of placement</li> </ul>	<p>Justification and rationale for the changes to Year 4 of the programme were provided.</p> <p>Sufficient evidence provided.</p>
<p><b>Commendation:</b> None  <b>Condition:</b> None  <b>Recommendation:</b> None</p>	
<p><b>Resources (over the full duration of the programme)</b></p> <ul style="list-style-type: none"> <li>• Facilities and human and material resources available to mount the programme</li> <li>• Clarification of any staffing requirements</li> <li>• Location of the delivery</li> <li>• Specific s requirements: lecture rooms, laboratories, library, Information technology and other student supports</li> <li>• Confirmation regarding any new facilities and staffing requirements</li> <li>• Special requirements (e.g. remote access for distance learners)</li> </ul>	<p>No additional resources required.</p> <p>Sufficient evidence provided.</p>
<p><b>Commendation:</b> None  <b>Condition:</b> None  <b>Recommendation:</b> None</p>	
<p><b>Access, Transfer and Progression Criteria</b></p> <ul style="list-style-type: none"> <li>• Student admission requirements</li> <li>• Progression criteria from one stage to the next and to higher levels on the NFQ</li> <li>• Non-standard entry (e.g. mature candidates and candidates with experiential learning)</li> <li>• Transfer policy into the programme and onto other programmes</li> </ul>	<p>No change to current arrangements.</p> <p>Sufficient evidence provided.</p>
<p><b>Commendation:</b> None  <b>Condition:</b> None  <b>Recommendation:</b> None</p>	
<p><b>Curriculum</b></p> <ul style="list-style-type: none"> <li>• A matrix exhibiting the academic pathway and the relationship between modules</li> </ul>	<p>No change to the programme learning outcomes as a result of the changes. The</p>

<ul style="list-style-type: none"> <li>• The consistency between the programme content, teaching methods and the programme learning outcomes</li> <li>• Balance between the depth and breadth of the programme</li> <li>• Rigour of the academic standard in the final stage of the programme</li> <li>• Student workload</li> <li>• Practice: the role and management of placement or work-based projects.</li> </ul>	<p>programme has been mapped and drafted on AMM.</p> <p>Sufficient evidence provided.</p>
<p><b>Commendation:</b> None  <b>Condition:</b> None  <b>Recommendation:</b> None</p>	
<p><b>Assessment</b></p> <ul style="list-style-type: none"> <li>• The appropriateness of the modes of assessment to be used</li> <li>• The balance between the marks awarded for different assessment modes (e.g. continuous assessment, projects, reports, sit-down examination)</li> <li>• Confirmation that all of the programme learning outcomes are appropriately and adequately assessed within the set of module assessments.</li> </ul>	<p>The project-based nature of the assessment in the new 10 ECTS credit module was considered appropriate with linkage into the project module in the following semester.</p> <p>Sufficient evidence provided.</p>
<p><b>Commendation:</b> None  <b>Condition:</b> None  <b>Recommendation:</b> None</p>	
<p><b>Staffing</b></p> <ul style="list-style-type: none"> <li>• Quality and specialities of staff available to support the programme</li> <li>• Technical and administrative support</li> <li>• Staff development</li> <li>• Industrial/commercial profile of staff</li> <li>• Research and publications</li> </ul>	<p>Sufficient evidence provided.</p>
<p><b>Commendation:</b> None  <b>Condition:</b> None  <b>Recommendation:</b> None</p>	
<p><b>Programme Administration and Quality Assurance</b></p> <ul style="list-style-type: none"> <li>• Procedure for managing programme</li> </ul>	<p>Current QA arrangement will cover proposed changes.</p>

<ul style="list-style-type: none"> <li>• Student support student counselling and tutorial arrangements</li> <li>• Aspects of programme which highlight and foster study skills, independent learning and the inculcation of individual responsibility in students</li> <li>• EU and international aspects if appropriate</li> <li>• Feedback mechanisms e.g. use of surveys, focus groups and follow-up actions.</li> </ul>	Sufficient evidence provided.
<b>Commendation:</b> None <b>Condition:</b> None <b>Recommendation:</b> None	

<b>Overall decision of the panel</b>	
<p>The panel agreed to recommend to the Academic Council the approval of the following programme:</p> <p>Bachelor of Arts ( Honours) in In Application Design and User Experience.</p> <p>There are no recommendations and no conditions to this approval.</p>	

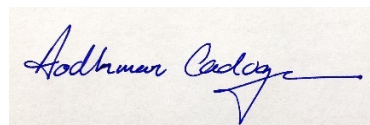
Chairperson: Dr Breda McTaggart

11<sup>th</sup> June 2021

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Date \_\_\_\_\_

Secretary: Dr Aodhmar Cadogan



11<sup>th</sup> June 2021

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Date: \_\_\_\_\_



## Programme Schedule

### SG\_KAPPL\_H08

Module Code	Module Title	Stage	Semester	M/E	FT Hours	Credits	FO %	CA %	PF %	EXAM %	PROJ %	PRAC %
COMM06050	Personal Development	Stage 1	Semester 1	Mandatory	3	5	0	100	0	0	0	0
COMP06267	Computer Systems	Stage 1	Semester 1	Mandatory	4	5	0	60	0	40	0	0
COMP06235	Introduction to Programming 1	Stage 1	Semester 1	Mandatory	7	10	0	60	0	40	0	0
COMP06217	Design Thinking	Stage 1	Semester 1	Mandatory	3	5	0	100	0	0	0	0
MATH06089	Mathematics 1	Stage 1	Semester 1	Mandatory	4	5	0	30	0	70	0	0
COMP06208	Internet of Things	Stage 1	Semester 2	Mandatory	4	5	0	60	0	0	40	0
COMP06256	Operating Systems & Networks	Stage 1	Semester 2	Mandatory	4	5	0	0	0	50	0	50
COMP06236	Introduction to Programming 2	Stage 1	Semester 2	Mandatory	7	10	0	60	0	40	0	0
COMP06247	Web Design Fundamentals	Stage 1	Semester 2	Mandatory	3	5	0	60	0	40	0	0
MATH06090	Mathematics 2	Stage 1	Semester 2	Mandatory	4	5	0	30	0	70	0	0
COMP06243	Client Side Scripting	Stage 2	Semester 3	Mandatory	4	5	0	50	0	50	0	0
COMP06265	Web Design and Development	Stage 2	Semester 3	Mandatory	4	5	0	50	0	50	0	0
COMP06239	UX/UI Research and Design	Stage 2	Semester 3	Mandatory	6	10	0	100	0	0	0	0
COMP06258	Maker Lab 201	Stage 2	Semester 3	Mandatory	4	5	0	0	0	0	100	0
COMP06254	Introduction to Database Technology	Stage 2	Semester 3	Mandatory	4	5	0	0	0	50	50	0



Module Code	Module Title	Stage	Semester	M/E	FT Hours	Credits	FO %	CA %	PF %	EXAM %	PROJ %	PRAC %
COMP06253	Server-side Web Development	Stage 2	Semester 4	Mandatory	4	5	0	20	0	40	40	0
COMP06251	UX/UI Development and Analytics	Stage 2	Semester 4	Mandatory	6	10	0	100	0	0	0	0
COMP06261	Maker Lab 202	Stage 2	Semester 4	Mandatory	4	5	0	0	0	0	85	15
COMP06248	Data Preparation and Visualisation	Stage 2	Semester 4	Mandatory	3	5	0	20	0	50	30	0
COMP06274	Introduction to Cloud Computing	Stage 2	Semester 4	Mandatory	4	5	0	70	0	0	30	0
CRR07008	Professional Development	Stage 3	Semester 5	Mandatory	4	5	0	100	0	0	0	0
COMP07182	User Accessibility	Stage 3	Semester 5	Mandatory	3	5	0	70	0	0	30	0
COMP07164	Experiential UX/UI Project (Research and Design)	Stage 3	Semester 5	Mandatory	6	10	0	100	0	0	0	0
COMP07166	Software Project Management	Stage 3	Semester 5	Mandatory	4	5	0	30	0	70	0	0
COMP07175	Web Development Frameworks	Stage 3	Semester 6	Mandatory	4	5	0	30	0	0	70	0
COMP07169	Introduction to Data Analytics	Stage 3	Semester 6	Mandatory	5	5	0	0	0	50	50	0
COMP07165	Experiential UX/UI Project (Development)	Stage 3	Semester 6	Mandatory	6	10	0	100	0	0	0	0
COMP07128	Work Experience	Stage 3	Semester 6	Mandatory	0	10	0	100	0	0	0	0
COMP07200	Web Content Management Systems for e-Commerce	Stage 3	Semester 5	Mandatory	4	5	0	30	0	0	70	0
COMP08130	Strategic Technology Management	Stage 4	Semester 7	Mandatory	3	5	0	50	0	50	0	0
ENTR08005	Startup Engineering	Stage 4	Semester 7	Mandatory	3	5	0	30	0	50	20	0
COMP08135	Content Strategy for UX	Stage 4	Semester 8	Mandatory	3	5	0	100	0	0	0	0

Module Code	Module Title	Stage	Semester	M/E	FT Hours	Credits	FO %	CA %	PF %	EXAM %	PROJ %	PRAC %
COMP08134	Cognitive Psychology	Stage 4	Semester 8	Mandatory	3	5	0	100	0	0	0	0
COMP08155	Project UX 400	Stage 4	Semester 8	Mandatory	0.5	15	0	100	0	0	0	0
COMP08162	AWS Academy Cloud Architecting (ACA)	Stage 4	Semester 8	Mandatory	4	5	0	50	0	0	50	0
MKTG08042	Digital Marketing Strategy 1	Stage 4	Semester 7	Mandatory	4	5	0	0	0	50	50	0
MKTG08044	Digital Marketing Strategy 2	Stage 4	Semester 8	Mandatory	4	5	0	0	0	50	50	0
COMP05008	Augmented UX/UI Design	Stage 4	Semester 7	Mandatory	5	10	0	0	0	0	100	0

End