



Audit of Validated Programmes

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| Programme Code | Programme Title | Validation Panel Date: |
| SG_EROBO_H08 | Bachelor of Engineering (Honours) In Robotics and Automation | 20 th Apr. 2020 |

Attendance: Dr Aodhmar Cadogan - Assistant Registrar, Gemma Lyons – QA Administrator Compliance

Head of Department, David Mulligan

Programme Team (if attending):

Date of Audit: 08 Sep. 2021

| Conditions | Response to Conditions | Evidence of revised documentation presented. Attachment, link to module etc. | Outstanding issues |
|--|---|---|--------------------|
| 1. There were a number of modules with missing information and/or draft versions of modules. Conduct a thorough review and confirm the schedule and modules are correct for the programme. Example Advanced Automation Technology, Introduction to Robotics, Machine Vision. In stage 4 of the programme schedule there are 25 credits in semester 7 and 35 in semester 8, this needs to be corrected. | Information on LTA and assessment and delivery information was missing for AUTO07035, AUTO07034 and ENRG08007. This information has been added to module manager and approved by the school. Modules were reviewed and confirmed. | AMM | None, closed. |
| 2. Review all Stage 3 and Stage 4 modules to ensure that the terminology and verbs used in learning outcomes are in line with National Framework of Qualifications at level 7 and level 8 (NFQ) and that the number of | Each module was reviewed by module owners. | n/a, reviewed by programme team. | None, Closed |

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|---|--|--|---------------------|
| <p>learning outcomes are in line with the ITSligo Procedure on Module Writing Procedure (QA003). Example Renewable Energy Systems, Machine Vision, Industrial Data communication 2, Power Electronics & Drives etc.</p> | | | |
| <p>3. Provide (within AMM or in addition to) a bespoke set of learning outcomes for the programme.</p> | <p>In Volume 1 – this will also be inputted into the CMS tab for students to see on the webpage.</p> | <p>https://staffportal.itsligo.ie/AcademicCouncil/PlanningandCoordination/Papers - Planning and Coordination/2020 Planning and Coordination Papers/2020 10 02 PandC Papers/EAP1 for Noting/Volume 1 SPAs for Springboard in Mechatronics and Rob Ind Com.docx</p> | <p>None, closed</p> |
| <p>4. Ensure that the progression is evident in the learning outcomes and syllabi between Control Analysis and Design 401 & Control System Analysis and Design 402.</p> | <p>Module has been updated in Control 401 and 402 to reflect the progression</p> | <p>AMM</p> | <p>None, closed</p> |
| Recommendations | Response to recommendations | Evidence of revised documentation presented. Attachment, link to module etc. | Outstanding issues |
| <p>1. The special entrance exam in place for Civil Engineering, can be used for this programmes as a special entry and is acceptable with Engineers Ireland. The panel recommends that this maths</p> | <p>This will be inputted to the CMS tab of module manager for applicants looking at our webpage. Volume 1 has been updated</p> | <p>https://staffportal.itsligo.ie/AcademicCouncil/Planning and Coordination/Papers - Planning and Coordination/2020 Planning and Coordination Papers/2020 10 02 PandC Papers/EAP1 for</p> | <p>None, closed</p> |

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|---|---|--|---------------------|
| <p>exam is specifically mentioned in this programme documentation.</p> | | <p>Noting/Volume 1 SPAs for Springboard in Mechatronics and Rob Ind Cam.docx</p> | |
| <p>2. While the panel accepts the school approach to provide a common first year and the efficiency that this will bring there was a recommendation to review the assessment in 'Engineering Graphics and Computer Aided Design'. Recommend a more flexible, open wording so that the non-civil engineering streams be assessed more appropriately to their specialities.</p> | <p>Module is only in its second year of running. After this year we will review with the programme boards</p> | <p>n/a, recommendation accepted to be reviewed in the future.</p> | <p>None, closed</p> |

All recommendation reviewed by the Assistant Registrar and this concludes the QA process.

Henry _____
 Dr Aodhmar Cadogan
 Assistant Registrar

29/9/2021
 Date

David Mueirgan _____
 Name
 Head of Department

29/09/2021
 Date