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| Module Title | **Module Number** | **JACS Subject Code(s) and % of each subject** | **ASC Category(ies)** |
| Development Project | CIS6035 | I300 | 6 |

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| **Level (3 to 8)** | **Credits** | ECTS Credit | **Module Value *(1=20 credits)*** | **% Taught in Welsh** | **Module Type** |
| 6 | 40 | 20 | 2.0 | 0% | Project |

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| **Teaching Period *(Term/Semester)*** | **Pre-requisites** |
| Year-long | None |

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| **Module Leader** | **School(s)** | Campus |
| Ana Calderon | Cardiff School of Technologies | Llandaff |

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| **Assessment Methods** | | | | |
| **Assessment Code and Method** | **Duration/Length of Assessment Method** | **Weighting of Assessment** | **Threshold** | **Approximate Date of Submission** |
| WRIT1 – Coursework | 8,000 words equivalent | 80% | 1 | April |
| PRES1 – Presentation | 2,000 words equivalent | 20% | 1 | May |

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| **Aim(s)** |
| The project, which will be within a computing context, is designed to allow the student to apply what has been learnt throughout the course, and to demonstrate an ability to make valid judgements and to communicate them clearly. Through work on the project, students are able to provide evidence of personal initiative and independent thought. |

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| **Learning Outcomes** |
| On successful completion of the module, students should be able to:   * Design and develop a project based on a software or hardware artefact. * Specify the nature of the problem being investigated and research the appropriate tools to address the research problem. * Conduct a literature review within the context of the problem. * Evaluate the developed artefact within the given context of the literature review and identify areas for further work. |

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| **Learning and Teaching Delivery Methods** | | | |
| **Method** | **Rationale** | **Type of Contact (scheduled/ guided independent study/placement)** | **Total hours** |
| Supervision | To allow in-depth feedback and feed forward through one to one meeting and discussions | Scheduled | 6 |
| Tutorials / Workshops | To allow exploration of all aspects of module content (knowledge, understanding, skills & other attributes) in an interactive group setting | Scheduled | 12 |
| Student Centred Learning | To enable students to independently develop their understanding of the module concepts and to complete formative & summative assessment activity | Guided independent study | 382 |
| Total |  |  | 400 |

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| **Indicative Content** |
| Preparation of an achievable/practical project proposal  A major part of the project should comprise of theoretical perspectives/research methodologies relevant to the area of study. The project will normally also include a major practical element.  The subject matter of the project will be selected by the student during the second year, in consultation with a Project Co-ordinator. The project will be in the form of a report on the subject area covered, and is to be accompanied by all other relevant analysis, design, implementation and primary source material. |

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| **Required Reading** |
| Oates, B.J. (2005), Researching Information Systems and Computing. Sage.  Ridley, D. (2012), The Literature Review: A Step-By-Step Guide For Students. 2nd Edition. Sage. |

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| **Recommended Reading** |
| Bell, J. & Waters, S. (2018) *Doing Your Research Project*. 7th Edition. Open University Press.  Dawson, C. (2015), Projects in Computing and Information Systems: A Student's Guide. 3rd Edition. Pearson Education. |

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| **Access to Specialist Requirements** |
| None |