**Module Specification**

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| --- | --- | --- | --- | --- | --- | --- |
| Module Name: | Critical AI | | | | | |
| Module Code: | IS71132A | | Credit Value: | 15 | Level: | 7 |
| **HECoS Code(s)** |  | | | | | |
| **Module Status** |  | | | | | |
| **Module Start Date** | 2023 | | | | | |
| **Module End Date** | - | | | | | |
| Responsible Department/ Institute/Centre: | Computing | | | | | |
| Mode of Delivery | On-campus | | | | | |
| This module is compulsory on the following programmes: | | **-** | | | | |
| This is an optional module on the following programmes: | | - | | | | |
| This is a prerequisite module for the following modules (include module title and code): | |  | | | | |
| Prerequisite modules for this module (include module title and code): | | None | | | | |
| Co-requisite modules for this module (include module title and code): | | None | | | | |
| Excluded module combinations (include module title and code) | | None | | | | |

1. **Notional Learning Hours**

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| --- | --- | --- | --- |
| **Contact Time** | | **Independent Study** | |
| **Activity** | **Hours** |  | **Hours** |
| **Lectures** |  | **Independent Study** | **125** |
| **Seminars** | **25** | **Other (Department to provide details should they select this option)** |  |
| **Tutorials** |  |  |  |
| **Labs** |  |  |  |
| **Workshops** |  |  |  |
| **Total Hours** | **25** | **Total Hours** | **125** |

**2) Module Content**

Overview of the module content:

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| This module addresses the urgent need for an approach to AI and similar emerging technologies that tackles technical and social issues at the same time. While being grounded in technical realities rather than hype, the course perspective extends outwards to social, institutional and environmental entanglements.  The course pedagogy will draw on research-led and interdisciplinary perspectives while providing opportunities for interactive, participatory and speculative practices. |

**3) Module Learning Outcomes**

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| --- | --- |
| **Students who successfully complete this module will be able to:** | |
| **1** | Demonstrate critical insight into the different ways AI and related technologies are producing social, economic and political changes |
| **2** | Analyse the connections between concrete technical operations and wider social consequences |
| **3** | Apply an ethical approach grounded in technical and social insights (c.f. Critical Technical Practice) |
| **4** | Develop proposals for experiments or interventions at different levels, including technical, design and policy |

**4) Assessment**

The following assessment methods will be used to assess the achievement of learning outcomes:

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| --- | --- | --- | --- | --- | --- | --- |
| **Assessment Element Type** | **Duration/ Length** | **% Weighting** | **Formative or Summative** | **Graded or Pass/ Fail** | **Assessment to be passed to pass the module (Y/N)** | **Learning Outcome(s) this is testing** |
| Case study | n/a | 50 | Summative | Graded | No | All |
| Speculative intervention | n/a | 50 | Summative | Graded | No | all |

**5) Reading and resources list**

N/A due to the nature of the module

**6) Module convenor/lead contact**

Dan McQuillan

**7) Other staff members involved in teaching**

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| --- | --- | --- |
| **Staff name** | **Cost centre of staff member** | **Proportion of staff time teaching on module** |
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