MODULE DESCRIPTOR

Module Title

Trends In Artificial Intelligence

Reference	CMM546	Version	1
Created	October 2024	SCQF Level	SCQF 11
Approved	February 2025	SCQF Points	15
Amended		ECTS Points	7.5

Aims of Module

This module aims to equip students with knowledge of cutting-edge developments in Artificial Intelligence, with a view to identifying potential impacts and future directions.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1	Analyse emerging trends and advancements in artificial intelligence and potential impact on various domains.
2	Criticise the limitations and challenges associated with the latest AI tools and techniques.
3	Generate ideas for innovative AI applications and solutions based on current research.
4	Evaluate the effectiveness of new AI theories and methodologies through critical review and experimentation.
5	Make informed judgements about the future directions of AI based on current trends and technological advancements

Indicative Module Content

Large and small language models, image generation, multi-modal AI, retrieval-augmented generation, customisable AI models, shadow AI, open source AI.

Module Delivery

Lectures and seminars are used to deliver the main principles and will be based on extensive use of case studies. Practical sessions are used to acquire practical skills and reinforce knowledge.

Indicative Student Workload	Full Time	Part Time
Contact Hours	30	30
Non-Contact Hours	120	120
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

| Type: | Coursework | Weighting: | 100% | Outcomes Assessed: | 1, 2, 3, 4, 5 |

Description: A coursework consisting of an investigation and report into trends in Artificial Intelligence.

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

The calculation of the overall grade for this module is based on 100% waiting of C1. An overall minimum grade D is required to pass the module.

Module Grade	Minimum Requirements to achieve Module Grade:
A	The student needs to achieve an A in C1
B	The student needs to achieve a B in C1
C	The student needs to achieve a C in C1
D	The student needs to achieve a D in C1
E	The student needs to achieve an E in C1
F	The student needs to achieve an F in C1
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

1	Seungahn, N. (ed) (2023) Research Handbook on Artificial Intelligence and Communication. Cheltenham: Edward Elgar Publishing.
2	Garcia-Murillo, M., MacInnes, I. and Renda, A. (eds) (2024) Handbook of Artificial Intelligence at Work. Cheltenham: Edward Elgar Publishing.
3	Other bibliography will be based on current literature on new trends in Artificial Intelligence, as per the topics described in indicative module content.