Module Code	CSU33061						
Module Name	ARTIFICIAL INTELLIGENCE I						
ECTS Weighting							
Semester taught							
Module Coordinator/s	Tim Fernando						
Module Learning Outcomes	On successful completion of this module, students will be able to:						
	LO1. D	Describe the basic aims and achievements of artificial intelligence, as well as the challenges facing it					
	LO2. A	Assess notions of computability as they relate to artificial intelligence					
	LO3. R st	 Reason about the suitability of and trade-offs between basic search strategies 					
	LO4. Design simple knowledge representation systems for various knowledge- intensive problems						
	LO5. Appreciate the possibilities opened up by probabilistic reasoning						
Module Content	An introduction to Artificial Intelligence covering basic topics search and knowledge representation, including an introduction to probabilistic reasoning						
Teaching and Learning Methods	Lectures, laboratories, tutorials						
Assessment Details 2	Assessment Component	Brief Description	Learning Outcomes Addressed	% of total	Week set	Week due	
	Examination	2 hour written examination	LO1, LO2, LO3, LO4, LO5	90%	n/a	n/a	
	Coursework	Problem sets	LO1,LO2,LO3, LO4 LO5	10%	4,8 approx	2 weeks after (approx)	

¹TEP Glossary ²TEP Guidelines on Workload and Assessment

Reassessment Details	Examination (2 hours, 100%)				
Contact Hours and Indicative Student Workload	Contact Hours (scheduled hours per student over full module), broken down by: lecture laboratory tutorial or seminar other Independent study (outside scheduled contact hours), broken down by: preparation for classes and review of material (including preparation for examination, if applicable) completion of assessments (including examination, if applicable)	44 hours22 hours11 hours11 hours0 hours72 hours36 hours36 hours			
Recommended Reading List	Total Hours				
Module Pre-requisites	Iodule Pre-requisites Prerequisite modules: CSU34011 Other/alternative non-module prerequisites: equivalent programming experience				
Module Co-requisites					
Module Website	Www.scss.tcd.ie/Tim.Fernando/Al				
Last Update	15/07/2019 by Tim Fernando				