

Tamkang University Academic Year 114, 2nd Semester Course Syllabus

Course Title	CREATIVITY, AI AND THE HUMAN	Instructor	NUR ANISAH BINTI ABDULLAH
Course Class	TGDHB0A HONORS PROGRAM, 0A	Details	♦ General Course ♦ Required ♦ One Semester ♦ 2 Credits
Relevance to SDGs	SDG3 Good health and well-being for people SDG11 Sustainable cities and communities SDG12 Responsible consumption and production		
D e p a r t m e n t a l A i m o f E d u c a t i o n			
I . Cultivating the talents with the capabilities of educational research and discourse. II . Cultivating the talents with the capabilities of understanding and application of education related theories. III . Cultivating the talents with the capabilities of educational practice and service.			
Subject Departmental core competences			
A. Education research and discourse capabilities.(ratio:35.00) B. Understanding and application of related education theories capability.(ratio:35.00) C. Educational practice and service capabilities.(ratio:30.00)			
Subject Schoolwide essential virtues			
1. A global perspective. (ratio:20.00) 2. Information literacy. (ratio:20.00) 3. A vision for the future. (ratio:20.00) 4. Moral integrity. (ratio:10.00) 5. Independent thinking. (ratio:15.00) 6. A cheerful attitude and healthy lifestyle. (ratio:5.00) 7. A spirit of teamwork and dedication. (ratio:5.00) 8. A sense of aesthetic appreciation. (ratio:5.00)			

Course Introduction	<p>This course focuses on 5 parts</p> <ol style="list-style-type: none"> 1) Identifying opportunities of AI and Machines Learning 2) Exploring the impacts and risks associated with AI and Machines Learning 3) Environment Scanning and Human & Societal considerations 4) Ethics in AI & Machines Learning 5) AI and Machine Learning and Data Privacy
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The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.

II.Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.

III.Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

No.	Teaching Objectives	objective methods
1	Understanding the implications of AI and Machine Learning: ethical, societal implications and unintended consequences.	Cognitive

The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABC	12345678	Lecture, Discussion, Experience	Study Assignments, Discussion(including classroom and online), Report(including oral and written), Activity Participation

Course Schedule

Week	Date	Course Contents	Note
1	115/02/23 ~ 115/03/01	Class introduction	
2	115/03/02 ~ 115/03/08	What is AI and Machine Learning	
3	115/03/09 ~ 115/03/15	What are the main issues of AI and Machine Learning?	
4	115/03/16 ~ 115/03/22	Reading assignment	

5	115/03/23 ~ 115/03/29	Class Discussion	
6	115/03/30 ~ 115/04/05	Understanding the evolution of AI and Machine Learning	
7	115/04/06 ~ 115/04/12	Class Discussion	
8	115/04/13 ~ 115/04/19	Trends and emerging issues	
9	115/04/20 ~ 115/04/26	Midterm Exam/Midterm Assessment Week (teachers can adjust the week as needed)	
10	115/04/27 ~ 115/05/03	Human Computer Interaction for Design	
11	115/05/04 ~ 115/05/10	Reading assignment & Discussion	
12	115/05/11 ~ 115/05/17	Ethics in AI and Machine Learning	
13	115/05/18 ~ 115/05/24	Reading assignment and discussion	
14	115/05/25 ~ 115/05/31	Data Privacy	
15	115/06/01 ~ 115/06/07	Class Discussion	
16	115/06/08 ~ 115/06/14	Final Week of Diverse Assessments	
17	115/06/15 ~ 115/06/21	Final Week of Diverse Assessments/Flexible Teaching Week for Teachers	
18	115/06/22 ~ 115/06/28	Flexible Teaching Week for Teachers	
Key capabilities	self-directed learning Information Technology Social Participation Interdisciplinary		
Interdisciplinary	STEAM course (S:Science, T:Technology, E:Engineering, M:Math, A field:Integration of Art and Humanist)		
Distinctive teaching	Learning technologies (such as AR/VR,etc.) incorporated to physical courses		
Course Content	AI application		

Requirement	Responsible and ethical use of AI for learning
Textbooks and Teaching Materials	Self-made teaching materials:Presentations, Handouts, Worksheets Using teaching materials from other writers:Presentations, Videos, Worksheets
References	
Grading Policy	<p>◆ Attendance : % ◆ Mark of Usual : 50.0 % ◆ Midterm Exam : 10.0 %</p> <p>◆ Final Exam : 40.0 %</p> <p>◆ Other < > : %</p>
Note	<p>This syllabus may be uploaded at the website of Course Syllabus Management System at https://web2.ais.tku.edu.tw/csp or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at http://www.acad.tku.edu.tw/CS/main.php.</p> <p>※"Adhere to the concept of intellectual property rights" and "Do not illegally photocopy, download, or distribute." Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</p>