## Tamkang University Academic Year 114, 1st Semester Course Syllabus

LOGIC AND PHILOSOPHY	Instructor	YANG, CHI-HER			
TNUVB0A Course Class PHILOSOPHY AND RELIGION, 0A		General Course     Required     One Semester     2 Credits			
SDG4 Quality education Relevance to SDGs					
Departmental Aim of Educ	ation				
d basic understanding of Philosophy and Religion.					
ivate ability of deliberation and critical thinking.					
elop in-depth reflection on moral judgment and decision of act	ion.				
Subject Schoolwide essential virtues					
l perspective. (ratio:5.00)					
tion literacy. (ratio:25.00)					
for the future. (ratio:5.00)					
ntegrity. (ratio:25.00)					
ndent thinking. (ratio:25.00)					
ful attitude and healthy lifestyle. (ratio:5.00)					
of teamwork and dedication. (ratio:5.00)					
8. A sense of aesthetic appreciation. (ratio:5.00)					
	PHILOSOPHY AND RELIGION, 0A  SDG4 Quality education  De part ment all Aim of Educ  d basic understanding of Philosophy and Religion.  ivate ability of deliberation and critical thinking.  elop in-depth reflection on moral judgment and decision of acti  Subject Schoolwide essential virtues  Il perspective. (ratio:5.00)  Ition literacy. (ratio:25.00)  In or the future. (ratio:5.00)  Indent thinking. (ratio:25.00)  Indent thinking. (ratio:25.00)  Indent thinking. (ratio:25.00)  Indent thinking. (ratio:5.00)  Indeprint the future and healthy lifestyle. (ratio:5.00)  Indent thinking. (ratio:25.00)  Indeprint the future and dedication. (ratio:5.00)  Indeprint the future and healthy lifestyle. (ratio:5.00)  Indeprint the future and dedication. (ratio:5.00)  Logic provides us with a set of skills for evaluating arguments important to students and future citizens. In this course the lease.	PHILOSOPHY AND RELIGION, 0A  Details  Details  SDG4 Quality education  Depart mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtues  department mental Aim of Education  subject Schoolwide essential virtue			

## 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.

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No.			objective methods				
1	Students will	know ho	w to evaluate argumer	Cognitive			
	The correspondences of teaching objectives: core competences, essential virtues, teaching methods, and assessment						
No.	Core Competences		Essential Virtues	Teaching Methods	Assessment		
1			12345678	Lecture, Discussion	Testing, Study Assignments, Discussion(including classroom and online)		
				Course Schedule			
Week	Date	Course Contents Note		Note			
1	114/09/15 ~ 114/09/21	Introduction					
2	114/09/22 ~ 114/09/28	Valid argument					
3	114/09/29 ~ 114/10/05	Valid argument					
4	114/10/06 ~ 114/10/12	Syllogism					
5	114/10/13 ~ 114/10/19	Propositional logic: syntax					
6	114/10/20 ~ 114/10/26	Propositional logic: semantics					
7	114/10/27 ~ 114/11/02	Truth table					
8	114/11/03 ~ 114/11/09	Natural Deduction					
9	114/11/10 ~ 114/11/16	Midterm Exam/Midterm Assessment Week (teachers can adjust the week as needed)					
10	114/11/17 ~ 114/11/23	Liar paradox					
11	114/11/24 ~ 114/11/30	Russell's paradox					

12	114/12/01 ~ 114/12/07	Predicate logic: syntax			
13	114/12/08 ~ 114/12/14	Predicate logic: semantics			
14	114/12/15 ~ 114/12/21	Identity and definite description			
15	114/12/22 ~ 114/12/28	Soundness and completeness			
16	114/12/29 ~ 115/01/04	Final Week of Diverse Assessments			
17	115/01/05 ~ 115/01/11	Final Week of Diverse Assessments/Flexible Teaching Week for Teachers			
18	115/01/12 ~ 115/01/18	Flexible Teaching Week for Teachers			
Key capabilities		Problem solving			
Interdisciplinary		STEAM course (S:Science, T:Technology, E:Engineering, M:Math, A field:Integration of Art and Humanist)			
Distinctive teaching					
Cou	urse Content	Logical Thinking			
Requirement		Students should not use AI during class discussions. Instead, they should pay attention to what others say. Students are allowed to use AI for assignments, but any usage must be specified. In general, using AI is not very helpful in this course because the information it generates can be difficult for students to verify. Any use of AI for this course should be done with caution.			
Textbooks and Teaching Materials		Self-made teaching materials:Handouts Using teaching materials from other writers:Textbooks			
References		Priest, G. (2017). Logic. Oxford: Oxford University Press. 傅皓政(2017)。《思考的秘密》第二版。臺北:三民。 MacFarlane, J. (2021). Philosophical logic. New York: Routledge Restall, G. and Standefer, S. (2023). Logical methods. Cambridge: The MIT Press. Bjorndahl, A. (2024). An introduction to classical and modal logics. New York: Cambridge University Press.			

Grading Policy	<ul> <li>↑ Attendance: 20.0 %</li></ul>	
Note	This syllabus may be uploaded at the website of Course Syllabus Management System at <a href="https://web2.ais.tku.edu.tw/csp">https://web2.ais.tku.edu.tw/csp</a> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <a href="http://www.acad.tku.edu.tw/CS/main.php">http://www.acad.tku.edu.tw/CS/main.php</a> .  **"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.	

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