

Course Outline

TU104 Critical Thinking, Reading, and Writing

Semester 2/2022 (January 9th – May 6th, 2023)

Number of Credit: 3 credits

Prerequisite: -

Course Description:

Development of critical thinking through questioning, analytical, synthetic and evaluation skills. Students learn how to read without necessarily accepting all the information presented in the text, but rather consider the content in depth, taking into account the objectives, perspectives, assumptions, bias and supporting evidence, as well as logic or strategies leading to the author's conclusion. The purpose is to apply these methods to students' own persuasive writing based on information researched from various sources, using effective presentation techniques.

Course Objectives:

To aid students in the development of skills to improve their critical thinking, or their ability to analyze and evaluate truth claims.

Special emphasis will be placed on four skills:

- 1) The ability to think independently and form your own opinions;
- 2) The ability to question and evaluate your own opinions and beliefs, regardless of where those beliefs came from;
- 3) The ability to make clear and logical arguments supported by reasons and evidence in both written and spoken form;
- 4) The ability to critically analyze arguments and evaluate their strengths and weaknesses, both in terms of logic and supporting evidence.

Class Time and Logistic

Class day: Thursday

Class time: 14.00 – 17.00hrs.

Venue: Room 203, Faculty of Economics

Teaching Materials Platform: [Google Classroom / MS Team / Facebook Group / etc. [Please specify with an actual URL or access code.](#)]

Instructor:

Name: Assoc. Prof. Dr. Supong Tangkiengsirisin

Office Hours:

Email: supong.t@litu.tu.ac.th

Phone: 081-6213411

Expected Learning Outcomes:

	1. Morality and Ethics:	Expected Learning Outcomes:
○	1.1 Be honest	Students will understand what plagiarism is.
N/A	1.2 Be fair	
●	1.3 Be responsible for oneself and society	Students will complete their assignments and submit them on time.
○	1.4 Be disciplined	Students will attend classes regularly and respond to all tasks.
N/A	1.5 Value morality and a profession's ethical conducts	
N/A	1.6 Be service-mind	
	2. Knowledge:	Expected Learning Outcomes:
●	2.1 Understand principles and theories in the field of studies	Students will understand the principles and concepts regarding critical thinking.
●	2.2 Be able to analyze the case systematically	Students will analyze different cases to demonstrate their critical thinking skills.

N/A	2.3 Be able to apply the learned knowledge appropriately	
N/A	2.4 Be able to integrate the learned knowledge appropriately	
	3. Intellectual Development:	Expected Learning Outcomes:
●	3.1 Be able to search for data/ information systematically	Students will search for information from different sources effectively.
N/A	3.2 Be able to analyze the problem, assess the choices, and give an advice and result appropriately	
●	3.3 Be creative and have positive thinking	Students will creatively prepare projects for sharing and presentations.
N/A	3.4 Be commit to self-development upon the real situation	
	4. Interpersonal Skills and Responsibilities:	Expected Learning Outcomes:
●	4.1 Be able to listen to others' opinion and be able to accept the differences	Students will accept others' opinions during discussion and presentations.
○	4.2 Possess good leadership, and have the courage to do the right things	Students will act with strong leadership during activities.
●	4.3 Be responsible to the assigned works	Students will turn in assignments punctually and completely.
○	4.4 Possess interpersonal intelligence, have patience, and be able to adjust / control oneself and emotion	Students will deal with others with patience and calmness.
N/A	4.5 Know one's right and duties and possess good citizenship awareness	
	5. Quantitative Analysis, Communication and Information Technology:	Expected Learning Outcomes:
●	5.1 Be able to communicate efficiently both in Thai and foreign languages	Students will express themselves effectively in English.

N/A	5.2 Be able to properly use and apply information technology efficiently	
N/A	5.3 Possess mathematical skills	
N/A	5.4 Possess mathematical and statistical analytical skill, including the gathering of information and presentation	

Main Text:

There is no single main text for the course, but lectures are based on excerpts from the following books:

Cottrell, Stella. Critical Thinking Skills: Developing Effective Analysis and Argument (Palgrave MacMillan: 2011).

Vesterman, William. Reading and Writing Short Arguments, Second Edition. (Mayfield Publishing Company: 1997 and 1994).

Grading Criteria:

Assignments	20%
Presentations	20%
Quizzes	20%
Midterm Project	20%
Final Interview	<u>20%</u>
Total	<u>100%</u>

Tentative Class Schedule:

Session/Date & Time	Topics
#1:	Course Overview, Introduction to Critical Thinking
#2:	The Art of Scientific Skepticism
#3:	Logical Consistency, Logical Fallacies
#4:	Ways of Reasoning
#5:	Evidence - Searching/Evaluating/Selecting

#6:	Introduction to Argumentation - Identifying simple arguments /The author's position
#7:	Persuasion through reasons
#8:	Midterm Project Presentations
#9:	Stereotype/Reality/Correlation
#10:	Recognizing Underlying Assumptions
#11:	Introduction to Debate (Theory and Practice) - The Art of Rhetoric
#12:	Presenting evidence and justifying opinions/ Revising pitfalls and how to avoid them
#13:	Student Debate/Discussion
#14:	Final Interview (1)
#15:	Final Interview (2)