Syllabus [2025Year 1 Term]

Course Information

Course Title	Critical Thinking	Credits	3
Course Code	528520-1	Required/Elective (For Undergraduate Courses)	
Department or Major	Department of Mobile Systems Engineering	Language	English
Methods of Teaching		Lecture Room	화13,14,15,16,17,18(인문302)
Time Allotment	Lecture(3) Experiments(0) Trainging & Practice(0) Performance(0) Designing & Planning(0)	Cyber Lectures	
Course Type	offline		

Lecturer

Lecturer	Name	Christopher Henry Lange	Rank	Non-tenure track Assistant Professor	Final Academic Degree	교육학박사
	Department & college	Department of British and American Humanities	Office		Humanities Hall 616	
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	Field of Interest					

Course Summary

Course Description	This critical thinking course focuses on three essential skills—argument recognition, analysis, and evaluation—and break each down into its basic components. In this way, students learn to think critically in a step-by-step fashion, as they would learn to master any skill. Additionally, the students will be provided with clear examples and explanations, and learn to integrate workbook-style writing and thinking exercises that promote active learning.
Description Related Courses	This course treats the acquisition of critical thinking skills as a process, starting simply and working toward more complex skills.We will begin by analyzing very simple arguments containing inference indicators. Next, we will introduce one-by-one arguments without inference indicators, arguments with extra claims, arguments with missing conclusions, and arguments with implied claims. Only then will students encounter arguments with multiple conclusions and chain arguments.
Course Goals	Through active learning, students will be able to apply and synthesize critical thinking skills in the context of their own experiences. Additionally, they will be able to check their und

Projected Results	Applying the course goals, the students should be able to apply what they learn over the course of the semester in order to develop their arguments through a series of critical thinking steps. They will be able to enhance both written and verbal argumentation through the use of specific critical thinking skills. Additionally, they will be able to critically assess the position of others in a way that strengthens their argument.
Percentage of the original language classes(%)	For the most part, this course will be taught completely in English. This class uses English as the medium of instruction (EMI), so it is expected that the students taking this class are fluent English speakers. I understand that a majority of the students are not native English speakers, so I will do my best to communicate in a clear manner. If there are any issues in understanding the lesson due to any language barriers, don't hesitate to ask me to clarify anything that may be difficult for you to understand.

Syllabus

Times	Lecture Topic	Lecture Goals	Lecture Methods	Assignments
1	Orientation and introduction to the course	1. Identify key aspects of the class 2. Gain an understanding of the class structure. 3. Write self-introduction	강의, 토의토론수업, 팀기반학습(TBL), 이러닝 , 동료교수법 , Read all materials for Week 1.	Answer the self introduction questions and post your self introduction.
2	Chapter 1: Getting started (Part 1)	1. Identify critical thinking skills 2. Identify higher order critical thinking skills 3. Label forms of thinking with Bloom's Taxonomy	강의, 토의토론수업, 팀기반학습(TBL), 이러닝 , 동료교수법 , Read all materials for Week 2.	In-class activities: critical thinking skills activity, higher order critical thinking skills activity, and Bloom's Taxonomy activity
3	Chapter 1: Getting started (Part 2)	1. Understand the importance of using critical thinking in the workplace. 2. Explain ways in which critical thinking can be used in various workplaces. 3. Based on everything you learned in Chapter 1, provide a comprehensive definition of critical thinking.	강의, 토의토론수업, 팀기반학습(TBL), 이러닝 , 동료교수법 , Read all materials for Week 3.	In-class activities: critical thinking in the workplace activity, comprehensive critical thinking definition activity
4	Chapter 2: Recognizing arguments	1. Define argument	강의, 토의토론수업, 팀기반학습(TBL), 이	In-class activities: defining argument activit

Times	Lecture Topic	Lecture Goals	Lecture Methods	Assignments
		2. Identify claims to use in an argument 3. Distinguish between different types of claims	러닝, 동료교수법, Read all materials for Week 4.	y, claims to be used in an argument activity, and distinguishing between different types of claim activity
5	Chapter 3: Analyzing arguments (Part 1)	1. Analyze arguments with one conclusion indicator 2. Analyze arguments with one premise indicator 3. Analyze arguments with multiple premises 4. Analyze arguments with multiple inference indicators 5. Identify the issues of an argument 6. Analyze arguments without inference indicators 7. Analyze arguments with extra claims	강의, 토의토론수업, 팀기반학습(TBL), 이러닝, 동료교수법, Read all materials for Week 5.	In-class activities: arguments with one conclusion indicator activity, arguments with one premise indicator activity, arguments with multiple premise indicators activity, arguments with multiple inference indicators activity, and issues of an argument activity
6	Chapter 3: Analyzing arguments (Part 2)	1. Analyze arguments with extra claims 2. Analyze arguments with unstated conclusions 3. Analyze arguments with implied claims 4. Analyze multiple arguments 5. Analyze chain arguments	강의, 토의토론수업, 팀기반학습(TBL), 이러닝, 동료교수법, Read all materials for Week 6.	In-class activities: extra claims activity, unstated conclusion activity, implied claims activity, and multiple arguments vs. chain arguments activity Assignment 1 due at the end Week 7. Assignment 1 will involve applying concepts that was taught in the first half of the semester.
7	Midterm exam	Apply learned concepts for assessment	강의, 토의토론수업, 팀기반학습(TBL), 이러닝, 동료교수법, Read all materials for Week 7.	No in-class activities this week. This week is reserved for taking the midterm examination. Reminder: Assignment 1 due.

Times	Lecture Topic	Lecture Goals	Lecture Methods	Assignments
8	Chapter 5: Detecting fallacies	1. Identify various kinds of logical fallacies 2. Explain why they are fallacious 3. Identify the premise, conclusion, and issue of each fallacious argument	Read all materials for Week 8.	In-class activities: logical fallacy activity and identifying parts of logical fallacies activity
9	Chapter 6: Preparing to evaluate arguments (Part 1)	1. Explain what it means to evaluate an argument. 2. Identify the difference between deductive and inductive reasoning. 3. Identify deductive reasoning arguments. 4. Identify inductive reasoning arguments	강의, 토의토론수업, 팀기반학습(TBL), 이러닝 , 동료교수법 , Read all materials for Week 9.	In-class activities: argument evaluation activity and deductive vs. inductive reasoning activity
10	Chapter 6: Preparing to evaluate arguments (Part 2)	1. Distinguish between two kinds of deductive arguments 2. Distinguish between different kinds of categorical arguments 3. Distinguish between different kinds of truth-functional arguments	강의, 토의토론수업, 팀기반학습(TBL), 이러닝 , 동료교수법 , Read all materials for Week 10.	In-class activities: varying kinds of deductive reasoning arguments activity, varying kinds of categorical arguments activity, and varying kinds of truth-functional arguments activity
11	Chapter 6: Preparing to evaluate arguments (Part 3)	1. Identify different types of inductive reasoning arguments 2. Identify analogical arguments 3. Identify inductive generalizations 4. Identify causal arguments	강의, 토의토론수업, 팀기반학습(TBL), 이러닝 , 동료교수법 , Read all materials for Week 11.	In-class activities: varying kinds of inductive reasoning arguments activity, analogical arguments activity, inductive generalizations activity, and causal arguments activity

Times	Lecture Topic	Lecture Goals	Lecture Methods	Assignments
12	Chapter 12: Constructing arguments (Part 1)	1. Brainstorm issues for your own argumentative essay 2. Brainstorm premises for your own argumentative essay 3. Clearly state your own premises for your argumentative essay 4. Using critical thinking, make an introductory paragraph to an argumentative essay	강의, 토의토론수업, 팀기반학습(TBL), 이러닝 , 동료교수법 , Read all materials for Week 12.	In-class activities: issue brainstorming activity, premise brainstorming activity, and premise development activity
13	Chapter 12: Constructing arguments (Part 2)	1. Support your conclusion through critical thinking 2. Use intermediate conclusions to develop the body of your essay 3. Write the main paragraphs of the body of an essay by supporting your conclusion	강의, 토의토론수업, 팀기반학습(TBL), 이러닝 , 동료교수법 , Read all materials for Week 13.	In-class activity: Develop body of argumentative essay
14	Chapter 12: Construction arguments (Part 3)	1. Consider objections from the other side 2. Rebut those objections 3. Summarize your main points in a concluding paragraph 4. Write a works cited list	강의, 토의토론수업, 팀기반학습(TBL), 이러닝 , 동료교수법 , Read all materials for Week 14.	In-class activity: Develop conclusion of argumentative essay Assignment 2 due at the end week 15. Assignment 2 will involve applying concepts that was taught in the second half of the semester.
15	Final exam	Apply learned concepts for assessment	Read all materials for Week 15.	No in-class activities this week. This week is reserved for taking the final examination. Reminder: Assignment 2 due.

Methods of Grading

sequence	Description	Percentage	Details
1	Mid-tem Exam	30%	
2	Final-exam	30%	
3	Pop Quizzes	0%	
4	Assignments	20%	
5	Reports	0%	
6	Presentations & Discussions	0%	
7	Attendance	10%	
8		0%	
9	Others	10%	In-class work and participation
	All	100%	

Core of Value

핵심가치	핵심역량	하위역량	역량정의	역량구분	값(%)
혁신 (Discovery)	문제해결 (Deliberation)	분석력 창의력 종합적 사고력	문제상황을 명확하게 이해하고 체계적으로 분석하여 창의적으로 해결할 수 있는 능력		0%
혁신 (Discovery)	전문지식 (Knowledge)	탐구능력 논리적 사고력 전문지식/기술	전공분야 지식과 기술, 그리고 관련된 다양한 정보를 활용하여 논리적으로 사고하고 탐구하는 역량	주역량	0%
헌신 (Dedication)	세계시민 (Universal value)	외국어능력 다문화 수용능력 공감능력	세계 각지의 다양한 언어, 문화, 역사에 대한 이해를 바탕으로 글로벌 이슈에 대응할 수 있는 능력		0%
헌신 (Dedication)	협력.헌신 (Dedication)	대인관계능력 협업 능력 공동체의식	공통의 목적과 가치를 위해 개방적인 태도와 균형 잡힌 시간으로 서로 돕고 헌신할 수 있는 능력	부역량	0%
능동 (self- Determination)	자기주도 (maNagement)	독립성 성찰 능력 자기개발능력	자기 스스로 목표를 세우고 목표를 달성하기 위해 주체적으로	부역량	0%

핵심가치	핵심역량	하위역량	역량정의	역량구분	값(%)
			실천할 수 있는 능력		
능동 (self-Determination)	의사소통 (Articulation)	표현력 이해력 조정력	언어 또는 다양한 매체를 활용하여 다른 사람들과 효과적으로 상호작용할 수 있는 능력		0%

Textbook(s) & References

Description	Title	Author	Publisher
Required Textbook	Critical thinking : a user's manual Second edition	Debra Jackson & Paul Newberry	Cengage Learning

Memo

The curriculum for this class is based on the textbook, but additional materials will be used as well. Although the textbook is used as a framework, we will not cover the book page by page. Depending on the pace of this course, the semester plan is subject to change. If you miss a class, please remember to check the LMS for materials and notes that were used during your absence, as they serve as a good indicator of what you will be assessed on.

Generative AI, including ChatGPT, can be used for learning, but If you copy and submit information generated by ChatGPT or any other artificial intelligence chatbot, it will be regarded as cheating (plagiarism).