



نموذج وصف المقرر 2023 - 2024
كلية الآداب/ قسم الفلسفة

المرحلة الأولى / النظام السنوي / باللغة الإنجليزية



Course Description Form

Reviewing the Performance of Higher Education
Institutions ((Academic Program Review))

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

Noor Hikmat Khadhoori

Email: noor.hikmat@uomosul.edu.iq

1. Teaching Institution	University of Mosul
2. University Department/Centre	College of Arts /Philosophy Department
3. Course Name/Code	Ancient Oriental Thought
4. Programmes in which it is included	
5. Available Attendance Forms	Lectures +Class Room
6. Semester/Year	2023/2024
7. Total Number of Hours	60
8. Description Preparation Date	12/11/2023
9. Aims of the Programme: The course aims to introduce the student to the most important philosophical ideas contained in ancient Eastern civilization about the universe, nature, man, and moral values.	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods					
<ol style="list-style-type: none"> 1. The lecture 2. Dialogue and interaction 3. Constructive criticism 4. Brainstorming 5. Knowledge maps 					
Assessment Methods					
<ol style="list-style-type: none"> 1. Cognitive assessment 2. Skills assessment 3. Creative evaluation 4. Self-evaluation 					
Thinking Skills					
<ol style="list-style-type: none"> 1. Critical thinking skills 2. Creative thinking skills 3. Analytical thinking skills 					
General and Transferable Skills (other skills relevant to employability and personal development)					
<ol style="list-style-type: none"> 1. Presentation skills 2. Research and investigation skills 					
11. Course Structure					
Week	Number of Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.	2		The meaning of ancient Eastern thought+ the view of the ancient Eastern thinker towards the world and the universe + the view of the ancient Eastern thinker towards the human self		
2.	2		Characteristics of ancient Eastern thought + the originality of philosophy between East and West		

3.	2		Myths: Their significance, role and reasons for their emergence + Ancient Eastern thought in the civilization of Mesopotamia	Lectures and students presentation
4.	2		Mesopotamian formation theory + nominal philosophy	
5.	2		Features of Sumerian (cosmological) concepts about the origin of the universe + the cosmic system and natural laws	
6.	2		Leaders of the Universal State + (Existence and Gods)	
7.	2		Natural philosophy + the controversy of conflict in nature	
8.	2		(Death and Immortality) in Ancient Iraq + Knowledge (Anxiety and Doubt) in Ancient Iraqi Thought	
9.	2		Moral Philosophy in Mesopotamia + Conclusion: Is there a logic to research and thinking in Mesopotamia?	
10.	2		Natural philosophy in the civilization of the Nile Valley	
11.	2		Egyptian formation (the origin of the universe and the creation of the world) + elements of the cosmic system in ancient Egyptian thought	
12.	2		Death and immortality in ancient Egyptian thought + sources of the emergence of the idea of immortality in ancient Egyptian thought.	
13.	2		Moral Philosophy in Ancient Egyptian Thought + Values of Moral Life in Ancient Egyptian Thought	

14.	2
15.	2
16.	2
17.	2
18.	2
19.	2
20.	2
21.	2
22.	2
23.	2
24.	2
25.	2
26.	2
27.	2
28.	2
29.	2
30.	2

The wise men of the ancient Nile Valley civilization
Persian Zoroastrian Formation + Dualism and Creationism
Characteristics of Zoroastrian thought + the idea of divinity in Persian Zoroastrian philosophy
Knowledge in Persian Zoroastrian Philosophy + Creation in Persian Zoroastrian Philosophy
Persian Zoroastrian view of man + Persian Zoroastrian view of soul
Salvation and immortality of the soul in Persian Zoroastrian philosophy
Zoroastrian Ethics + Society and Social Law
The dominant features of Indian philosophy + the Vedas and the Upanishads
Indian Formation and Creation of the World + Society and Thought in Indian Philosophy
Social Caste System + Knowledge and Reality in Indian Buddhist Philosophy
Knowledge and Reality in Indian Buddhist Philosophy
Meditation and Reflection in Buddhist Philosophy
Features of Chinese philosophy + social system
Class division and human qualities
The Universe and the Gods + Natural Laws in Chinese Philosophy
Nature and Ethics + Reason and Knowledge in Chinese Philosophy
Society and Human Qualities + Principles and Virtues in the Chinese Philosophy of Confucius

12. Infrastructure

<p>Required readings:</p> <ul style="list-style-type: none"> ● Course books ● Other 	<ul style="list-style-type: none"> <input type="checkbox"/> Ancient Eastern thought, Eastern philosophy, Eastern philosophical trends. <input type="checkbox"/> The story of Indian philosophy, Chinese thought, Asian philosophies.
Special Requirements	Video lecture and pdf lecture on classroom
Social services (including, for example, guest lectures, professional training, and field studies)	

13. Admissions	
Prerequisites	
The smallest number of students	10
The largest number of students	14



Course Description Form

Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

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1. Teaching Institution	University of Mosul
2. University Department/Centre	College of Arts /French Department
3. Course Name/Code	Greek philosophy before Aristotle0102\
4. Programmes in which it is included	
5. Available Attendance Forms	Lectures
6. Semester/Year	2023/2024
7. Total Number of Hours	2
8. Description Preparation Date	25/9/2023
9. Aims of the Programme: Teaching the student the principles of the computer and its hardware and software components	

10. Learning Outcomes, Teaching, Learning and Assessment Methods
Teaching and Learning Methods
<ol style="list-style-type: none"> 1. The lecture 2. Dialogue and interaction 3. Constructive criticism 4. Brainstorming 5. Knowledge maps
Assessment Methods
<ol style="list-style-type: none"> 1. Cognitive assessment 2. Skills assessment 3. Creative evaluation 4. Self-evaluation
Thinking Skills
<ol style="list-style-type: none"> 1. Critical thinking skills 2. Creative thinking skills 3. Analytical thinking skills
General and Transferable Skills (other skills relevant to employability and personal development)
<ol style="list-style-type: none"> 1. Presentation skills 2. Research and investigation skills

11. Course Structure					
Week	Number of Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.	2		Greek thinking before philosophy		
2.			Introduction I. Homer Second: Hesiod.		

			Third: The Seven Wise Men	Lectures and students presentation
3.			The first naturalists	
4.			First: Thales	
5.			Second: Anaximedes	
6.			Third: Anaximenes	
7.			Fourth: Heraclitus	
8.			A-His life	
9.			B-His works	
10.			-A mysterious philosopher	
11.			D-His natural philosophy	
12.			The Pythagorea n and Eleatic schools	
13.			First: the Pythagorea n school	
14.			Second: The Elias School	
15.			A- Parmenide s	
16.			B-Xenon Eli	
17.			His arguments against multiplicity	

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30.	

His arguments against the movement
The first topic: the late natural schools
First: Empedocles
A-His life
B-His works
C-The theory of the four elements
D- Love and hate
Second: Democritus
Third: Anaxagoras
A- An overview of his life and influences
Sophia school
Definition
Its advantages
Morality, ethics, and their most famous philosophers
Socrates
His life
His approach is satirical and generative
The execution of Socrates and the defense dialogue
Ethics and knowledge according to Socrates
Plato's life and files
Knowledge according to Plato
The legend of the cave
Ethics and politics according to Plato

12. Infrastructure	
Required readings: <ul style="list-style-type: none"> • Course books • Other 	Resources and links for the plays are provided to students via: Google classroom
Special Requirements	تقنيات و مستلزمات مستخدمة في التعليم
Social services (including, for example, guest lectures, professional training, and field studies)	

13. Admissions	
Prerequisites	
The smallest number of students	
The largest number of students	



Course Description Form

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1. Teaching Institution	University of Mosul
2. University Department/Centre	College of Arts /French Department
3. Course Name/Code	English Language \phd0107
4. Programmes in which it is included	
5. Available Attendance Forms	Lectures
6. Semester/Year	2023/2024
7. Total Number of Hours	30
8. Description Preparation Date	25/9/2023
9. Aims of the Programme: Providing students with linguistic skills to achieve their professional and academic goals	

10. Learning Outcomes, Teaching, Learning and Assessment Methods
Teaching and Learning Methods
<ol style="list-style-type: none"> 1. The lecture 2. Dialogue and interaction 3. Constructive criticism 4. Brainstorming 5. Knowledge maps
Assessment Methods
<ol style="list-style-type: none"> 1. Cognitive assessment 2. Skills assessment 3. Creative evaluation 4. Self-evaluation
Thinking Skills
<ol style="list-style-type: none"> 1. Critical thinking skills 2. Creative thinking skills 3. Analytical thinking skills
General and Transferable Skills (other skills relevant to employability and personal development)
<ol style="list-style-type: none"> 1. Presentation skills 2. Research and investigation skills

11. Course Structure

Week	Number of Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.	1		Introduction into Translation		
2.	1		Part of speech		
3.	1		Part of speech		

4.	1
5.	1
6.	1
7.	1
8.	1
9.	1
10.	
11.	1
12.	1
13.	1
14.	1
15.	1
16.	1
17.	1
18.	1
19.	1
20.	1
21.	1
22.	1
23.	1
24.	1
25.	1
26.	1
27.	1
28.	1
29.	1

Exercises
Vocabularies
Vocabularies Exam
Greek philosophy
Greek philosophy
Philosophy text
Philosophy text
Vocabularies
Exercises
Grammar
Grammar
Exercises
Exam
Philosophy text
Philosophy text
Vocabularies
Vocabularies
Exercises
Exam
Grammar
Exercises
Exercises
Philosophy text
Philosophy text

**Lectures
and
students
presentation**

12. Infrastructure	
Required readings: <ul style="list-style-type: none"> • Course books • Other 	Resources and links for the plays are provided to students via: Google classroom
Special Requirements	
Social services (including, for example, guest lectures, professional training, and field studies)	

13. Admissions	
Prerequisites	
The smallest number of students	12
The largest number of students	14



Course Description Form

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This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	University of Mosul
2. University Department/Centre	College of Arts /philosophy Department
3. Course Name/Code	Computer for first grade / UOMARTPHSQ0107
4. Programmes in which it is included	Preliminary study for the award of a Bachelor's degree in Philosophy/ Modern Philosophy
5. Available Attendance Forms	Lectures
6. Semester/Year	2023/2024
7. Total Number of Hours	2
8. Description Preparation Date	1/9/2023
9. Aims of the Program: Teaching the student the principles of the computer and its hardware and software components	

10. Learning Outcomes, Teaching, Learning and Assessment Methods
Teaching and Learning Methods
<ol style="list-style-type: none"> 1. The lecture 2. Dialogue and interaction 3. Constructive criticism 4. Brainstorming 5. Knowledge maps
Assessment Methods
<ol style="list-style-type: none"> 1. Cognitive assessment 2. Skills assessment 3. Creative evaluation 4. Self-evaluation
Thinking Skills
<ol style="list-style-type: none"> 1. Critical thinking skills 2. Creative thinking skills 3. Analytical thinking skills
General and Transferable Skills (other skills relevant to employability and personal development)
<ol style="list-style-type: none"> 1. Presentation skills 2. Research and investigation skills

11. Course Structure

Week	Number of Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.	2		Introduction to computers, and definition of computers		
2.	2		Computer features and its applications in our daily lives		

3.	2		Computer generations by date	
4.	2		Basic components of a computer, physical components	
5.	2		Data input unit, data processing unit, data output unit	
6.	2		Data storage units, memories and their types	
7.	2		Printers and their types	
8.	2		Software used in computers, basic software, service application software	
9.	2		Fundamental programs, operating systems	
10.	2		Operating system features	Lectures and students presentation
11.	2		Type of operating systems	
12.	2		Windows operating system	
13.	2		Graphical Interface of the Windows	
14.	2		Practical application of the Windows operating system	
15.	2		Exam	
16.	2		Application programs,	

17.	2	Application programs, programming languages	
18.	2	Types of programming languages and the advantages of each type	
19.	2	Steps for designing service programs	
20.	2	Features of the appropriate programming language for the operating system	
21.	2	Application programs, Microsoft Office, Microsoft Word	
22.	2	Ribbon and tool buttons	
23.	2	Microsoft Word toolbars and tools	
24.	2	Practical application of Microsoft Word	
25.	2	Practical exam	
26.	2	Application software, Paint	
27.	2	Application programs, Microsoft Office, Microsoft Power Point	
28.	2	Microsoft Power Point Ribbons and tools	
29.	2	Practical application of presentation software	
30.	2	Exam	

12. Infrastructure

Required readings: <ul style="list-style-type: none"> • Course books • Other 	Introduction to computer Computer fundamentals –Pradeep K. Sinha & Priti Sinha 2013
Special Requirements	1. Comparing the course with the courses of advanced Arab and foreign universities. 2. Enhancing the practical aspect to facilitate teaching the course more effectively, such as field visits to other schools and universities.
Social services (including, for example, guest lectures, professional training, and field studies)	1. Using a smart board for lectures presentation 2. Practical application of computer in laboratory

13. Admissions	
Prerequisites	Principles of Computer Applications
The smallest number of students	12
The largest number of students	14



Course Description Form

Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

Teaching name: M. Haba Abdul-Ilah Younis

Academic qualification: Master's degree in curricula and methods of teaching philosophical subjects,

Scientific title : teacher

Email ; hiba.a.y@uomosul.edu.iqcher,

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	University of Mosul
2. University Department/Centre	College of Arts/Department of Philosophy
3. Course Name/Code	Psychology
4. Programmes in which it is included	Preliminary study for the award of a Bachelor's degree in Philosophy
5. Available Attendance Forms	
6. Semester/Year	2023/2024
7. Total Number of Hours	2
8. Description Preparation Date	2023/9/25

9. Aims of the Programme:

1. Understanding: The first goal of psychology is to answer the two questions: "How and why" behavior occurs. Each of us wants to know how things happen, and why they happen the way they do. We feel better when we can explain a phenomenon. And it was said.
2. Prediction: The second goal of psychology is to answer the questions when? and what? To perform Description leads to prediction of other phenomena related to the original phenomenon.
- 3 Control: Control in the laboratory means the scientist's ability to control some independent factors whose effect on dependent factors is known, and this necessarily requires controlling some characteristics of The outside world as well as some characteristics related to the individual subject of study.

10. Learning Outcomes, Teaching, Learning and Assessment Methods
Teaching and Learning Methods
<ol style="list-style-type: none">1. The lecture2. Dialogue and interaction3. Constructive criticism4. Brainstorming5. Knowledge maps
Assessment Methods
<ol style="list-style-type: none">1. Cognitive assessment2. Skills assessment3. Creative evaluation4. Self-evaluation
Thinking Skills
<ol style="list-style-type: none">1. Critical thinking skills2. Creative thinking skills3. Analytical thinking skills
General and Transferable Skills (other skills relevant to employability and personal development)
<ol style="list-style-type: none">1. Presentation skills2. Research and investigation skills
11. Course Structure

Week	Number of Hours	Learning Outcomes	Name of the Unit/Course or Subject	Teaching Method	Evaluation Method
1.	2		A historical overview of psychology in ancient times		
2.	2		The emergence and spread of psychology and its development in Various civilizations	Lectures and students presentation	
3.	2		General concepts in general psychology		
4.	2		Fields and branches of psychology		
5.	2		Modern schools of psychology		
6.	2		Contemporary schools of psychology		
7.	2		Research methods and approaches. in psychology		
8.	2		General rules of the scientific method		
9.	2		methods used in the field of psychology		
10.	2		the mental organization of psychological and mental processes		
11.	2		The human mind		
12.	2		Meaning of mental organization		
13.	2		Cognitive organization		
14.	2		Emotional regulation		

15.	2	Motor organization
16.	2	Motivation
17.	2	Motivation theories
18.	2	Benefits of motivation
19.	2	Motivation functions
20.	2	Emotions
21.	2	The relationship between motives and emotions
22.	2	A study of some emotions
23.	2	Emotion theories
24.	2	Personal
25.	2	Intelligence
26.	2	Education and learning
27.	2	About the meaning of self-education
28.	2	The most important considerations that stem from the importance of self-education began
29.	2	The psychological and educational foundations from which self-education began
30.	2	The most important justifications for the Arab world's adoption of teaching and learning

12. Infrastructure

Required readings:

- Course books
- Other

1. Scott Uhlenfeld, Stephen J. Lin, and John Rocio and Barry L. Beyerstein, The 50 Most Famous Myths in Psychology, Translated by: Iman Ahmed Azab Muhammad Ramadan Daoud, Hindawi Publishing Foundation, 2012.
2. Salama Musa The Subconscious Mind, Hindawi Foundation, 2012 Publishing.
3. Richard E. Nist The Geography of Thought: How Westerners and Asians Think Differently

	and Why Translated by: Shawqi Jalal, Hindawi Publishing Foundation, 2024.
Special Requirements	<ol style="list-style-type: none"> 1. Sending students, especially top students, to developed countries. 2. Serious and joint cooperation between the University of Mosul and All Arab and foreign universities for the purpose of modernization Curriculum and course on an ongoing basis. 3. Activating the idea of a visiting professor. 4. Comparing the course with the courses of Arab and foreign universities Advanced. 5. Enhancing the practical aspect to facilitate teaching the course More effectively, such as field visits to school Other universities inside and outside Iraq.
Social services (including, for example, guest lectures, professional training, and field studies)	<ol style="list-style-type: none"> 1. Use of video presentations. 2. Social services include, for example, guest lectures, vocational training and studies Electronic discussion via video conference with an Arab or foreign professor.

13. Admissions	
Prerequisites	
The smallest number of students	
The largest number of students	



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This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	University of Mosul
2. University Department/Centre	College of Arts /philosophy Department
3. Course Name/Code	Modern philosophy in the 16-17 centuries - Phd0201
4. Programmes in which it is included	Preliminary study for the award of a Bachelor's degree in Philosophy/ Modern Philosophy
5. Available Attendance Forms	Lectures
6. Semester/Year	2023/2024
7. Total Number of Hours	2
8. Description Preparation Date	25/9/2023

9. Aims of the Programme: Explaining the extent of the development of philosophical thought after the ancient - Greek and medieval - Islamic and Christian eras, and identifying the most prominent trends in philosophy in the modern era during the 16-17 centuries AD, specifically the rational and experimental trends represented by models of philosophers for each, in preparation for studying the 18-19 centuries of the same era in models. It is characterized by individualism and systematic methodology.

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Constructive criticism
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability and personal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Number of Hours	Learnig Outcoes	Name of the Unit/Course or Subject	Teachig Method	Evaluatin Method

1.	2		Characteristi of empircis m		
2.			Comparing the experime ntal trend with the rational one		
3.			Becon (his life, writings, philosophy		
4.			Criticism of the idols of reason		
5.			The inductive method, a text from the New Organon book)		
6.			John Locke (his life, writings, and philosophy		
7.			Patterns of ideas, knowledge politics, social contract)	Lectures and students presentation	
8.					
9.			George Berclay (his life and writings, his philosophy		
10.			Knowledge...no minal and immaterial		
			Idealism, a text from the book		

			The Three Dialogues)		
11.					
12.			David Hume (his life and writings, his philosophy		
13.			Epistemology - A critique of causality		
14.			ethics and psychology,		
15.			Text from the book An Essay on Human Understand)		
16.			Introduction to mental orientation		
17.			René Descartes: his life and works, his philosophy		
18.			Philosophy and mathematics		
19.			Rules of method, doubt		
20.			Soul , the world		
21.			Text from the book An Essay on the Curriculum		
22.			Spinoza: his life, works, and philosophy		
23.			Engineering curriculum		
24.			the essence		
25.			Evidence of God's existence		
26.			Leibniz: his life, his works, his philosophy		

27.		Criticism of the atomic and mechanistic doctrines
28.		Characteristics of the monad
29.		Knowledge, ethics
30.		Text from the Book of the Monad

12. Infrastructure	
Required readings: <ul style="list-style-type: none"> • Course books • Other 	Modern Philosophy: Youssef Karam, Modern Philosophy, Critical Presentation: Karim Matta History of Modern Philosophy: William Clay Wright, History of Western Philosophy: Bertrand Russell
Special Requirements	1. Comparing the course with the courses of advanced Arab and foreign universities. 2. Enhancing the practical aspect to facilitate teaching the course more effectively, such as field visits to other schools and universities.
Social services (including, for example, guest lectures, professional training, and field studies)	1. Use video lectures 2. Electronic discussion via video conference with an Arab or foreign professor.

13. Admissions	
Prerequisites	Principles of philosophy
The smallest number of students	12
The largest number of students	14



Course Description Form

Reviewing the Performance of Higher Education Institutions ((Academic Program Review))

Teaching name: Professor Enas Sabah Muhanna

Academic qualification: Doctorate / Contemporary Philosophy

Scientific title : teacher

Email : enas.mahana@uomosul.edu.iq

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1. Teaching Institution	University of Mosul
2. University Department/Centre	College of Arts/Department of Philosophy
3. Course Name/Code	Formal logic
4. Programmes in which it is included	Preliminary study for the award of a Bachelor's degree in Philosophy and Formal Logic
5. Available Attendance Forms	Department halls
6. Semester/Year	2023/2024
7. Total Number of Hours	3
8. Description Preparation Date	2023/9/25

9. Aims of the Programme: The course aims to teach the student logical thinking methods to achieve sound thinking and build a cognitive structure that enables him to present and discuss topics in logical and rational ways, To achieve correct, error-free results.

10. Learning Outcomes, Teaching, Learning and Assessment Methods

Teaching and Learning Methods

1. The lecture
2. Dialogue and interaction
3. Constructive criticism
4. Brainstorming
5. Knowledge maps

Assessment Methods

1. Cognitive assessment
2. Skills assessment
3. Creative evaluation
4. Self-evaluation

Thinking Skills

1. Critical thinking skills
2. Creative thinking skills
3. Analytical thinking skills

General and Transferable Skills (other skills relevant to employability and personal development)

1. Presentation skills
2. Research and investigation skills

11. Course Structure

Week	Number of Hours			Teaching Method	Evaluation Method

1	3		Logical issues	Lectures and students presentation	
2.	3		Definition of a logical proposition		
3.	3		Types of logical proposition		
4.	3		Pregnancy issue		
5.	3		Definition of pregnancy issue		
	3		Parts of the carrying case		
6.	3				
	3		Types of pregnancy issue		
7.	3				
	3		Conditional case		
8.	3		Definition of the conditional case		
9.	3				
10.	3		Parts of the conditional case		
	3		Types A: (Conjunctive conditional case)		
11.	3				
12.	3		B (The conditional case separate)		
13.	3		Aristotelian square of propositions		
14.	3		Inference		
15.	3		Direct inference		
16.	3		Contradiction		
17.	3		Inverse / A: Planar inverse		
18.	3		B the opposite of the opposite		
	3				

19.	3		Indirect inference
20.	3		Measurement
21.	3		Standard shapes
22.	3		induction
23.	3		the acting

12. Infrastructure	
<p>Required readings:</p> <ul style="list-style-type: none"> • Course books • Other 	<ol style="list-style-type: none"> 1. Introduction to Classical Logic, Mahdi Fadlallah. 2. Introduction to Logic, Yassin Khalil. 3. Introduction to Logic, Faisal Ghazi Anonymous. 4. Formal and Mathematical Logic, Abd al-Rahman Badawi.
<p>Special Requirements</p>	<ol style="list-style-type: none"> 1. Sending students, especially top students, to developed countries. 2. Serious and joint cooperation between the University of Mosul and All Arab and foreign universities for the purpose of modernization Curriculum and course on an ongoing basis. 3. Activating the idea of a visiting professor. 4. Comparing the course with the courses of Arab and foreign universities Advanced. 5. Enhancing the practical aspect to facilitate teaching the course More effectively, such as field visits to school Other universities inside and outside Iraq.
<p>Social services (including, for example, guest lectures, professional training, and field studies)</p>	<ol style="list-style-type: none"> 1. Use of video presentations. 2. Social services include, for example, guest lectures, vocational training and studies Electronic discussion via video conference with an Arab or foreign professor.

13. Admissions	
Prerequisites	
The smallest number of students	
The largest number of students	