



Course Specifications

Course Title:	Educational and Thinking Skills
Course Code:	ZPSY 211
Program:	Computer Science and Information Technology
Department:	Computer Science and Information
College:	College of Science in Zulfi
Institution:	Majmaah University

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A. Course Identification

1. Credit hours: 2 Credit Hours
2. Course type
a. University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Others <input type="checkbox"/>
b. Required <input checked="" type="checkbox"/> Elective <input type="checkbox"/>
3. Level/year at which this course is offered: 3 rd
4. Pre-requisites for this course (if any): non
5. Co-requisites for this course (if any): N/A

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	20	66 %
2	Blended	5	17 %
3	E-learning		
4	Distance learning		
5	Other	5	17 %

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	30
2	Laboratory/Studio	
3	Tutorial	
4	Others (specify)	
	Total	30

B. Course Objectives and Learning Outcomes

1. Course Description
2. Course Main Objective This course aims to develop students in the following areas:
<ol style="list-style-type: none"> 1. Developing students skills' for scientific thinking and creativity. 2. Development of learning skills and techniques. 3. Developing the skills of scientific research. 4. Encourage students to learn the benefits of this course to be engaged in other applications.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge and Understanding <ul style="list-style-type: none"> • Learn about some concepts related to thinking (thinking, the concept of developing thinking skills, creativity, innovation. • Learn about the types of multiple thinking. • Identifies the various elements associated with learning, thinking and research skills • Learn about some theories of thinking. 	
2	Skills : <ul style="list-style-type: none"> • Apply learning and scientific research skills in a correct manner. • Apply skills of information processing (remembering, summarizing, note-taking, and mind-mapping) in his university and practical life. • Learn how to develop thinking skills. 	
3	Values: <ul style="list-style-type: none"> • Use scientific research tools in preparing studies and researches. • Make use of his test management skills from the first day in the semester till end of all final exams. • Research group work to develop information seeking skills and ideas among students • Collecting theoretical information on thinking and developing thinking skills through the Internet. 	

C. Course Content

No	List of Topics	Contact Hours
1	The Preliminary Session.	2
2	Study Skills and Motivation to Learn.	2
3	Information Processing Skills (Part 1).	2
4	Information Processing Skills (Part 2).	2
5	Speed Reading Skills.	2
6	The Student's Skills in Test Management.	2
7	The Concept of Scientific Research & Its Tools.	2
8	Mechanics for Searching Documented Information.	2
9	Elements of Scientific Research and Its Tools (Part 1).	2
10	Elements of Scientific Research and Its Tools (Part 2).	2
11	Thinking Skills and it's Types.	2
12	The Six Hats of Thinking and Program (S.C.A.M.P.E.R) in Thinking	2
13	Renew Your Thinking (The CoRT Thinking Program).	2
Total		26

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge and Understanding		
	<ul style="list-style-type: none"> Learn about some concepts related to thinking (thinking, the concept of developing thinking skills, creativity, innovation. Learn about the types of multiple thinking. Identifies the various elements associated with learning, thinking and research skills Learn about some theories of thinking. 	Lectures, Individual presentations & Brainstorming exercises	Mid Exam , Assignment, Final Exam, Discussions
2.0	Skills		
	<ul style="list-style-type: none"> Apply learning and scientific research skills in a correct manner. Apply skills of information processing (remembering, summarizing, note-taking, and mind-mapping) in his university and practical life. Learn how to develop thinking skills. 	<ul style="list-style-type: none"> Lectures, Individual presentations exercises Problem Solving + E-Learning Brain storming. 	Quiz , Mid Exam , Assignment, Final Exam, Discussions Presentations
3.0	Values		
	<ul style="list-style-type: none"> Use scientific research tools in preparing studies and researches. Make use of his test management skills from the first day in the semester till end of all final exams. Research group work to develop information seeking skills and ideas among students Collecting theoretical information on thinking and developing thinking skills through the Internet. 	<ul style="list-style-type: none"> Lectures, Individual presentations exercises Problem Solving Brain storming. 	Mid Exam , Assignment, Final Exam, Discussions Presentations

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Presentation	weekly	10 %
2	Assignments	Every 4 weeks	10 %
3	Mid Exams	8	30 %

#	Assessment task*	Week Due	Percentage of Total Assessment Score
4	Group Discussion and participation	weekly	10 %
6	Final Exam		40 %
	Total		100 %

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	مهارات التعلم والتفكير والبحث الاصدار الثامن
Essential References Materials	
Electronic Materials	
Other Learning Materials	Videos and presentations are available with instructor

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms are available at college of science Az Zulfi
Technology Resources (AV, data show, Smart Board, software, etc.)	Smart Board
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	N/A

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods

Evaluation Areas/Issues	Evaluators	Evaluation Methods

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	
Reference No.	
Date	