



## Course Specification

**Course Name:**[Creative Thinking ]

**Course Code:**[HU332]

### I. Basic Course Information

Major or minor element of program:[General]

Department offering the course:[Faculty]

Academic level:[300 Level]

Semester in which course is offered:[First (fall) Semester]

Course pre-requisite(s): [N/A ]

Credit Hours:3

Contact Hours Through:

Lecture	Tutorial*	Practical*	Total
2.5	1.5	0.0	4.0

\* 1.5 hours for **either** Tutorial or Practical

Approval date of course specification:September 2014

### II. Overall Aims of Course

[The aims of this module are for students to develop creative writing in a stimulating and encouraging environment, based loosely around the theme of 'diversions' or 'digressions'.

By the end of the course the students will identify the importance of using creative thinking in research, understand some of the methods used in creative thinking. They will also have an opportunity to evaluate a method for themselves. In other words; the students will not only have a clear understanding of the analytical and creative approaches, but will have also made significant inroads into their own individual or team issues. ]

### III. Program ILOs covered by course

Program Intended Learning Outcomes (By Code)			
Knowledge & Understanding	Intellectual Skills	Professional Skills	General Skills
[K8 ]	[I5 ]	[P5,P11 ]	[G2,G4,G6,G9 ]



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### IV. Intended Learning Outcomes of Course (ILOs)

#### *a. Knowledge and Understanding*

On completing the course, the student should be able to:

- K.1 Define creativity and innovation.
- K.2 Explain the meaning of innovation and creative thinking
- K.3 Distinguish and explain the various types of creative thinking tools: Brainstorming, Tony Buzan's Mind mapping, Edward de Bono's Six Thinking hats, Metaphorical thinking.
- K.4 Recognize some of the organizational behaviours that impact on innovation and creative thinking.
- K.5 Recognize the significance of an innovative culture to the success of the innovative process
- K.6 Recognize how innovation can contribute to organizational growth. ]

#### *b. Intellectual/Cognitive Skills*

On completing the course, the student should be able to:

- I.1 Analyse different contexts, themes, subjects, settings, characters, etc., which can be used to enrich creative writing.
- I.2 Apply literary, critical and interpretative skills to one's own creative writing.
- I.3 Discuss the tools available that enhance creative thinking. ]

#### *c. Practical/Professional Skills*

On completing the course, the student should be able to:

- P.1 Be critical and self-critical of creative work in a useful and constructive manner.
- P.2 Develop creative work from scratch.
- P.3 Produce a convincing proposal of future work, or reflect on how feedback and re-drafting aid the creative process.
- P.4 Produce a near-finished, extended piece of creative writing, or extracts thereof.
- P.5 Evaluate alternatives for solving a certain problem using the "Six Lens" approach: technical, economic, ethical-Legal, environmental, power-political and social-psychological lens.
- P.6 Overcoming problems in creative writing. ]

#### *d. General and Transferable Skills*

On completing the course, the student should be able to:

- G.1 Carry out team researches.
- G.2 Apply learned information to the process of formulating and presenting reasoned oral and written arguments.
- G.3 Improved presentation skills.
- G.4 Present argument orally and in writing. ]



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V. Course MatrixContents

	Main Topics / Chapters	Duration (Weeks)	Course ILOs Covered by Topic (By ILO Code)			
			K & U	I.S.	P.S.	G.S.
1-	Definitions of creativity	1	[K1,K2]			
2-	Models of creativity	1		[All]	[P1,P2]	
3-	Sensory awareness	2	[K3,K5]		[P3]	
4-	Vertical and lateral thinking approaches	2		[All]	[P4]	
5-	Creative thinking tools	2	[K4,K6]			
6-	Rule Reversal – Blissociation	2			[P1,P2]	
7-	Evaluating Alternatives by the "Six Lens" Approach	3			[P5,P6]	[All]
	<b>Net Teaching Weeks</b>	<b>13</b>				

VI. Course Weekly Detailed Topics / hours / ILOs

Week No.	Sub-Topics	Total Hours	Contact Hours	
			Theoretical Hours	Practical Hours*
1	Defining creativity and innovation – Creative thinking: Dreaming, Realism, Criticism	[2.5]	[2.5]	
2	Models of creativity – Efficient innovation	[4]	[2.5]	[1.5]
3	Sensory awareness	[4]	[2.5]	[1.5]
4	Expressing intuitive thought	[4]	[2.5]	[1.5]
5	Vertical thinking approaches	[4]	[2.5]	[1.5]
6	lateral thinking approaches	[4]	[2.5]	[1.5]
7	<b>Midterm Exam</b>			
8	Creative thinking tools: Brainstorming, Tony Buzan's Mind mapping	[4]	[2.5]	[1.5]
9	Creative thinking tools :Edward de Bono's Six Thinking hats, Metaphorical thinking	[4]	[2.5]	[1.5]
10	Rule Reversal	[4]	[2.5]	[1.5]
11	Blissociation	[4]	[2.5]	[1.5]
12	Evaluating Alternatives on using the "Six Lens" Approach: Technical, Economic lens.	[4]	[2.5]	[1.5]
13	Evaluating Alternatives: Ethical–Legal and Environmental lens	[4]	[2.5]	[1.5]
14	Evaluating Alternatives: Power–Political and Social–Psychological lens	[4]	[2.5]	[1.5]
15	<b>Final Exam</b>			
<b>Total Teaching Hours</b>		<b>51</b>	<b>33</b>	<b>18</b>

\* No Practical/Tutorial during the first week of the semester



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VII. Teaching and Learning Methods

Teaching/Learning Method	Selected Method	Course ILOs Covered by Method (By ILO Code)			
		K & U	Intellectual Skills	Professional Skills	General Skills
Lectures & Seminars	<input checked="" type="checkbox"/>	[K1,K6]	[All]	[ ]	[ ]
Tutorials	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]
Computer lab Sessions	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]
Practical lab Work	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]
Reading Materials	<input checked="" type="checkbox"/>	[ ]	[All]	[ ]	[G1]
Web-site Searches	<input checked="" type="checkbox"/>	[ ]	[All]	[P5,P6]	[G2]
Research & Reporting	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]
Problem Solving / Problem-based Learning	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]
Projects	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]
Independent Work	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]
Group Work	<input checked="" type="checkbox"/>	[K4,K5]	[ ]	[P1,P2,P3,P4]	[All]
Case Studies	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]
Presentations	<input checked="" type="checkbox"/>	[K2,K3]	[ ]	[ ]	[All]
Simulation Analysis	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]
Others (Specify):	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]

VIII. Assessment Methods, Schedule and Grade Distribution

Assessment Method	Selected Method	Course ILOs Covered by Method (By ILO Code)				Assessment Weight / Percentage	Week No.
		K & U	I.S.	P.S.	G.S.		
Midterm Exam	<input checked="" type="checkbox"/>	[All]	[All]	[ ]	[ ]	[10%]	7
Final Exam	<input checked="" type="checkbox"/>	[All]	[All]	[ ]	[ ]	60%	15
Quizzes	<input checked="" type="checkbox"/>	[ ]	[All]	[ ]	[ ]	[10%]	[3,5]
Course Work	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Report Writing	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Case Study Analysis	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Oral Presentations	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Practical	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Group Project	<input checked="" type="checkbox"/>	[ ]	[All]	[All]	[All]	[20%]	[ ]
Individual Project	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
Others (Specify):	<input type="checkbox"/>	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]



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**IX. List of References**

<b>Essential Text Books</b>	•	None
<b>Course notes</b>	•	Own Notes
<b>Recommended books</b>	•	None
<b>Periodicals, Web sites, etc ...</b>	•	None

**X. Facilities required for teaching and learning**

<ul style="list-style-type: none"><li>• Data Show</li><li>• White Board</li><li>• Network Simulation tool</li><li>• Computer Lab</li></ul>
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**Course coordinator:** Ass. Prof. Ihab El-Khodary

**Head of Department:** Prof. Imane Aly Saroit  
Vice Dean for Education and Student affairs

**Date:** September 2014