



UNIVERSITI TEKNOLOGI MARA

CTF213: CREATIVE AND CRITICAL THINKING

Course Name (English)	CREATIVE AND CRITICAL THINKING APPROVED
Course Code	CTF213
MQF Credit	3
Course Description	This course exposes students to the forms of creative and critical thinking. This course will also seek to develop creative and critical thinking skills. The main objective of this course is to introduce the students to ways of creating new idea, digest the idea, clarify idea, evaluate the rationality of idea, making decision and solving problems. The degree of creative and critical thinking skills that they have will help them to make good judgments and enable them to clarify creative, critical, and brilliant argument. In addition, this course is to trained students to think in strategic and analytical to enhance their process of creative and critical thinking skills.
Transferable Skills	Demonstrate ability to identify and articulate self skills, knowledge and understanding confidently and in a variety of contexts. 2. Demonstrate analytical skills using technology. 3. Demonstrate professional skills, knowledge and competencies.
Teaching Methodologies	Lectures, Blended Learning, Discussion, Workshop
CLO	CLO1 Define various forms of creative and critical thinking skills. CLO2 Adopt the ways of creating, clarify, and evaluate new ideas. CLO3 Execute the fundamental of creative and critical thinking skills in their creative writing genres.
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Thinking 1.1) Thinking Concept	
2. Meta-cognitive Operation 2.1) Mental Operation: Cognitive operation 2.2) Thinking Components 2.3) Meta-cognitive Processonstructivism Theory	
3. Critical Analysis Skills: Compare and Differentiate 3.1) Attitude 3.2) Cognitive Theory, Meta-cognitive and thinking development	
4. HOKi dan HOKa Theory 4.1) The importance of creative and critical thinking skill 4.2) Factors that influence critical thinking 4.3) Roger Sperry's Split-Brain Theory 4.4) Mind Mapping: Tony Buzan	
5. Stephan Covey Theory 5.1) Mental Activity 5.2) 5 Senses 5.3) Information Process 5.4) Howard Gardner Mind Theory	
6. Logical Thinking 6.1) Concepts of Logical Knowledge 6.2) Induction Logic 6.3) Deduction Logic	

7. Critical Response 7.1) Movie: True Grit
8. Edward De Bono Lateral Thinking 8.1) 6 Thinking Cap 8.2) "PO" Concept
9. Making Decision 9.1) Critical Thinking Skills 9.2) Creative Thinking Skills 9.3) 4 features of critical thinking
10. Critical Evaluation 10.1) Creative Evaluation 10.2) 4 features of creative thinking
11. Learning Skills and Thinking Strategies 11.1) Making decision 11.2) Solve Problems 11.3) Making decision as a process of thinking skills
12. Critical Response 12.1) Movie: TBA
13. Presentation - Making Decision/Problem Solving 13.1) Presentation
14. Presentation - Making Decision/Problem Solving 14.1) Presentation

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Group Work: Mind Mapping	20%	CLO1 , CLO2
	Assignment	Pair Work: Scamper	20%	CLO1 , CLO3
	Test	Test	20%	CLO1 , CLO2 , CLO3

Reading List	Recommended Text	De Bono, Edward 1998, <i>Lateral Thinking</i> , Penguins Book: London
	Reference Book Resources	<ul style="list-style-type: none"> • Aion dan Abdullah 1994, <i>Teknik Berfikir: Konsep dan Proses</i>, Utusan Publications: Kuala Lumpur • Buzan, Tony. 1988, <i>Make the Most of Your Mind</i>, Ed., , London: Pan Books [ISBN:] • Costa, Author L. 1991, <i>Developing Mind Vol.1</i>, Ed., , Association for Supervision and Curriculum De [ISBN:] • Poh Swee Hiang 2000, <i>Kemahiran Berfikir Secara Kritis Dan Kreatif</i>, Ed., , Kuala Lumpur: Kumpulan Budiman [ISBN:] • Mohd Azhar Abdul Hamid 2003, <i>Meningkatkan Daya Fikir</i>, Ed., , Bentong: PTS Publications [ISBN:] • Mohd Yusof Hasan 2000, <i>Pemikiran</i>, Ed., , P. Jaya: Longman [ISBN:] • De Bono, E 1990, <i>The Use of Lateral thinking</i>, London: Penguin Books

Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources