



UNIVERSITI TEKNOLOGI MARA

EAD432: STONE SETTING

Course Name (English)	STONE SETTING APPROVED
Course Code	EAD432
MQF Credit	2
Course Description	The course introduces the students to materials, tools, techniques, and processes of stone setting. Students will have to complete a variety of exercises and projects focuses on different techniques, precision and finishing of stone setting.
Transferable Skills	At the end of the course, students should be able to Acquire and apply knowledge of stone setting on different type, cut and shape of gemstone. Recognize stone setting tools and their use throughout fabrication process. Exhibit familiarity and competence with basic stone setting skills and the ability to combine the setting in related courses and projects.
Teaching Methodologies	Lectures, Demonstrations, Workshop
CLO	CLO1 CO1: Acquire and apply knowledge of stone setting on different type, cut and shape of gemstone.(C3) CLO2 CO2: Recognize stone setting tools and their use throughout fabrication process.(P4) CLO3 CO3: Exhibit familiarity and competence with basic stone setting skills and the ability to combine the setting in related courses and projects.(A3)
Pre-Requisite Courses	No course recommendations
Topics	
1. 1. Introduction to stone setting 1.1) 1.1 Types of gemstone / stone 1.2) 1.2 Gemstone cut and shape 1.3) 1.3 Types of stone setting	
2. 2. Workshop safety and regulation 2.1) n/a	
3. 3. Claw setting 3.1) 3.1 Introduction 3.2) 3.2 Tools, equipment involve 3.3) 3.3 Example of claw setting 3.4) 3.4 Measuring 3.5) 3.5 Making process 3.6) 3.6 Problem solving	
4. 4. Gypsy 4.1) 4.1 Introduction 4.2) 4.2 Tools, equipment involve 4.3) 4.3 Example of Gypsy setting 4.4) 4.4 Measuring 4.5) 4.5 Making process 4.6) 4.6 Problem solving	
5. 5. Bezel 5.1) 5.1 Introduction 5.2) 5.2 Tools, equipment involve 5.3) 5.3 Example of Bezel setting 5.4) 5.4 Measuring 5.5) 5.5 Making process 5.6) 5.6 Problem solving	

6. 6. Channel

- 6.1) 6.1 Introduction
- 6.2) 6.2 Tools, equipment involve
- 6.3) 6.3 Example of Channel setting
- 6.4) 6.4 Measuring
- 6.5) 6.5 Making process
- 6.6) 6.6 Problem solving

7. 7. Tension

- 7.1) 4.1 Introduction
- 7.2) 4.2 Tools, equipment involve
- 7.3) 4.3 Example of Tension setting
- 7.4) 4.4 Measuring
- 7.5) 4.5 Making process
- 7.6) 4.6 Problem solving

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Final Documentation	20%	CLO2
	Assignment	Report	30%	CLO1
	Assignment	Practice project	50%	CLO3

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