



UNIVERSITI TEKNOLOGI MARA

ADE131: STONE SETTING

Course Name (English)	STONE SETTING APPROVED
Course Code	ADE131
MQF Credit	3
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	stone setting, life-long learning skill
Teaching Methodologies	Lectures, Demonstrations, Workshop, Supervision
CLO	CLO1 Identify stone setting tools and their use throughout the fabrication process. CLO2 Display stone setting skills according to procedures CLO3 Perform responsibility through project related to stone setting tasks
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Stone Setting 1.1) 1.1. Course overview 1.2) 1.2. Safety and discipline in the workshop	
2. Types of gemstone 2.1) 2.1. Gemstone shape and style 2.2) 2.2. Types of stone setting	
3. The Stone Setting Techniques 3.1) 3.1. Bezel Setting 3.2) 3.2. Claw setting 3.3) 3.3. Bead setting 3.4) 3.4. Free shape setting	
4. The Process of Setting Stone 4.1) 4.1. Measure Stone 4.2) 4.2. Piercing 4.3) 4.3. Forming 4.4) 4.4. Fitting 4.5) 4.5. Burnishing 4.6) 4.6. Finishing 4.7) 4.7. Polishing	
5. Incorporating Stone Setting into Jewellery 5.1) 5.1. Identify gemstone 5.2) 5.2. Measuring 5.3) 5.3. Preparing the material 5.4) 5.4. Fabrication process	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	exercise to show the ability to identify and cut based on the styles and size of a gemstone.	10%	CLO1
Final Project	The individual project that allows students to demonstrate the ability carried out a project as given.	10%	CLO3	
Final Project	Individual project allows students to demonstrate the ability to follow procedures on stone setting skills on various cut and style.	15%	CLO2	
Final Project	Individual project allows students to demonstrate the ability to follow procedures on stone setting skills on various cut and style.	15%	CLO2	
Individual Project	Individual project allows students to demonstrate the ability to follow procedures on stone setting skills on various cut and style.	10%	CLO2	
Individual Project	Individual project allows students to demonstrate the ability to follow procedures on stone setting skills on various cut and style.	20%	CLO2	
Individual Project	Individual project allows students to demonstrate the ability to follow procedures on stone setting skills on various cut and style.	20%	CLO2	

Reading List	This Course does not have any book resources
Article/Paper List	This Course does not have any article/paper resources
Other References	<ul style="list-style-type: none"> • Book Anastasia Young 2012, <i>Gemstone Settings</i>, Interweave http://ISBN:1596686367 • Book Arnold, Xuella / Withers, Sara 2013, <i>Compendium of Jewellery Making Techniques: 250 Tips, Techniques and Trade Secrets</i> , Search Press Ltd (GB) http://ISBN:9781844489374 • Book Betty Helen Longhi, Cynthia Eid 2013, <i>Creative Metal Forming</i>, 1st, Brynmorgen Press http://ISBN:1929565496 • Book Devenney, Wing Mun 2013, <i>Art of Soldering for Jewellery Makers : Techniques and Projects</i> , Search Press Ltd (GB) http://ISBN:9781844489626 • Book Kate Ferrant Richbourg 2016, <i>Metalsmithing Made Easy: A Practical Guide to Cold Connections, Simple Soldering, Stone Setting, and More!</i> , Interweave http://ISBN-10: 1632503476 / ISBN-13:978-1632503473 • Book Melissa Hunt 2013, <i>Stonesetting for Contemporary Jewelry Makers: Techniques, Inspiration, and Professional Advice for Stunning Results</i> , St. Martin's Griffin http://ISBN:1250015324 • Book Tim McCreight 2004, <i>Complete Metalsmith</i>, Sterling Publishing Company, Inc. http://ISBN: 1929565054