



UNIVERSITI TEKNOLOGI MARA

EAD232: CHAIN MAKING

Course Name (English)	CHAIN MAKING APPROVED
Course Code	EAD232
MQF Credit	2
Course Description	This course focuses on the skill in chain making and introduces the students to materials and processes. It requires the students to complete exercises and projects with different techniques, precision and finishing.
Transferable Skills	Lifelong Learning skill
Teaching Methodologies	Lectures, Demonstrations, Practical Classes, Workshop
CLO	CLO1 Identify basic knowledge of chain making techniques and recognize chain making tools and their use throughout fabrication process. CLO2 Demonstrate knowledge of basic metalsmithing procedures and techniques CLO3 Practice familiarity and competence with chain making skills and the ability to produce new chain in related courses and projects
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Chain making 1.1) Safety and discipline in workshop 1.2) Types of metals and material for chain	
2. Introduction to Chain making 2.1) Types of chains 2.2) Chain from round wire circular links	
3. Introduction to Chain making 3.1) Basic techniques of chain making 3.2) Chain from round wire circular links	
4. Chain making techniques 4.1) Basic techniques of chain making 4.2) Chain from round wire circular links	
5. Chain making techniques 5.1) Chain from square wire circular links 5.2) Drawing wire 5.3) Winding wire on mandrel	
6. Chain making techniques 6.1) Chain from square wire circular links 6.2) Cutting and piercing links 6.3) Filing and fittings jump ring	
7. Chain making techniques 7.1) Chain from square wire circular links 7.2) Assembly and soldering jump ring 7.3) Finishing and polishing 7.4) Fastener 7.5) Simple hook	
8. Chain making techniques 8.1) Chain from round wire multi shape links 8.2) Drawing wire 8.3) Winding wire on mandrel	

9. Chain making techniques 9.1) Chain from square wire circular links 9.2) Cutting and piercing links 9.3) Filing and fittings jump ring 9.4) Fastener 9.5) Toggle clasp
10. Chain making techniques 10.1) Chain from square wire circular links 10.2) Assembly and soldering jump ring 10.3) Finishing and polishing 10.4) Fastener 10.5) S- Hook
11. Creating New Design for Chain. 11.1) n/a
12. Creating New Design for Chain. 12.1) n/a
13. Creating New Design for Chain. 13.1) n/a
14. Creating New Design for Chain. 14.1) n/a

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Individual Project	Exercise 1	20%	CLO1 , CLO2 , CLO3
	Individual Project	Exercise 2	20%	CLO1 , CLO2 , CLO3
	Individual Project	Exercise 3	20%	CLO1 , CLO2 , CLO3

Reading List	Recommended Text	• Irene From Petersen 1999, <i>Great Wire Jewelry</i> , Lark Books [ISBN: 9781579900939]
	Reference Book Resources	• Alan Revere 1999, <i>The Art of Jewelry Making</i> , Sterling Publishing Company Incorporated [ISBN: 9780806920702]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	