



UNIVERSITI TEKNOLOGI MARA

ADE101: BASIC PRINTING PROCESSES

Course Name (English)	BASIC PRINTING PROCESSES APPROVED
Course Code	ADE101
MQF Credit	3
Course Description	This course is designed to give an exposure knowledge of the basic printing processes. It includes the use of material, the application of product, the advantages and disadvantages of each processes. Teaching and learning activities that will be involved are flip classroom, group work and conducting case study.
Transferable Skills	to demonstrate life long learning skills and presentation skills
Teaching Methodologies	Lectures, Tutorial, Discussion
CLO	<p>CLO1 Recognize the major printing processes commonly associated with the printing industry. (C2)</p> <p>CLO2 Identify the suitable materials for the end products of major print processes commonly associated with the printing industry. (P1)</p> <p>CLO3 Explain the standard printing workflow commonly associated with the printing industry. (A3)</p>
Pre-Requisite Courses	No course recommendations
Topics	
1. An Overview of the Printing Industry 1.1) An overview of the segments of the industry 1.2) An overview of the printing processes 1.3) An overview of the printing workflow	
2. Pre-Press 2.1) Pre-Press Workflow 2.2) Introduction of Color Management 2.3) Types of Imposition 2.4) Platemaking	
3. Printing Processes 3.1) Letterpress 3.2) Offset Lithography 3.3) Gravure 3.4) Flexography 3.5) Screen Printing 3.6) Digital Printing	
4. Press 4.1) Make-ready 4.2) Printing Machines 4.3) Substrates 4.4) Ink	
5. Post-Press 5.1) Finishing 5.2) Binding	
6. Safety and Health 6.1) Chemical Hazards 6.2) Mechanical Hazards 6.3) Fire Prevention Noise 6.4) Environmental Compliance	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Students will produce a technical report through a technical activity.	30%	CLO3
	Presentation	Students will present an infographic presentation about the printing production workflow. By applying the standard workflow, students will nurture the LOD4 attributes in early stage.	30%	CLO2
	Writing Test	Students will construct understanding through flipped classroom. The skills to be developed is recognise the major print processes and the task will focus on developing LOD1.	40%	CLO1

Reading List	Recommended Text	<ul style="list-style-type: none"> • Adrian Bullock 2013, <i>The Green Design and Print Production Handbook: Save Time, Save Money, Save the Environment</i>, ILEX [ISBN: ISBN: 978178] • David Bann 2011, <i>The All New Print Production Handbook, Rotovision</i> [ISBN: ISBN: 288893]
---------------------	-------------------------	--

Article/Paper List	This Course does not have any article/paper resources
---------------------------	---

Other References	This Course does not have any other resources
-------------------------	---