



UNIVERSITI TEKNOLOGI MARA

PMA514: ADVANCED OFFSET LITHOGRAPHY

Course Name (English)	ADVANCED OFFSET LITHOGRAPHY APPROVED		
Course Code	PMA514		
MQF Credit	3		
Course Description	This course will discuss the advance concept and offset lithography process and technology. Students will learn the differences of process method between sheet-fed and web-fed offset in application of the process to produce a good offset printing product. Students will explore the technology of producing an item of offset such as plate and film before send it to the press. The introductory of quality standard in graphic arts (printing technology) and process control in offset lithography also will a key topic in this course. Knowledge of computer to.... technologies also will be a topic for the student in order to understand a direction and future trends in offset lithography printing process and technology. Student also will learn about digital offset technology and in a same time, they will do a comparison between conventional offset and digital technology		
Transferable Skills	managerial offset lithography printing process		
Teaching Methodologies	Lectures, Tutorial, Workshop		
CLO	CLO1 Identify the advancement in sheetfed and web fed Offset Lithography printing CLO2 Organized the print project work according to the digital workflow CLO3 Explain the advancement and developments in offset lithography printing manufacturing processes		
Pre-Requisite Courses	No course recommendations		
Reading List	<table border="1"><tr><td>Recommended Text</td><td><ul style="list-style-type: none">• Kaj Johansson, Peter Lundberg, Robert Ryberg, <i>A Guide To Graphic Print Production.</i>, John Wiley & Sons, Inc. Hoboken, New Jersey.• Green. P., <i>Understanding Digital Color 2nd edition</i>, Graphic Arts Technical Foundation;• Graphic Arts Technical Foundation. United State of America., <i>Solving Sheetfed Offset Press Problems</i>, Graphic Arts Technical Foundation. United State of America.• Dejidas Lloyd P. and Destree Thomas M, <i>Printing Technology, 3rd Edition</i>, Graphic Arts Technical Foundation. United State of America• Kipphan, H., <i>Handbook of Print Media.</i>, Springer, Verlag Berlin Heidelberg</td></tr></table>	Recommended Text	<ul style="list-style-type: none">• Kaj Johansson, Peter Lundberg, Robert Ryberg, <i>A Guide To Graphic Print Production.</i>, John Wiley & Sons, Inc. Hoboken, New Jersey.• Green. P., <i>Understanding Digital Color 2nd edition</i>, Graphic Arts Technical Foundation;• Graphic Arts Technical Foundation. United State of America., <i>Solving Sheetfed Offset Press Problems</i>, Graphic Arts Technical Foundation. United State of America.• Dejidas Lloyd P. and Destree Thomas M, <i>Printing Technology, 3rd Edition</i>, Graphic Arts Technical Foundation. United State of America• Kipphan, H., <i>Handbook of Print Media.</i>, Springer, Verlag Berlin Heidelberg
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Article/Paper List	This Course does not have any article/paper resources		
Other References	This Course does not have any other resources		