



UNIVERSITI
TEKNOLOGI
MARA



**UNIVERSITI TEKNOLOGI MARA
KOLEJ PENGAJIAN ALAM BINA
PELAN PENGAJIAN PROGRAM MOD SEPARUH MASA
PROGRAM IJAZAH SARJANA MUDA SAINS (KEP.) PENGURUSAN PEMBINAAN – CFAP246**

SEMESTER 1			
KOD	KURSUS	JAM KREDIT	KURSUS
CMA402	DIGITAL CONSTRUCTION	2	KURSUS TERAS
CMA412	STRUCTURE MECHANICS	3	KURSUS TERAS
CMA413	SITE SURVEYING	3	KURSUS TERAS
CMA414	BUILDING CONSTRUCTION AND MATERIALS	4	KURSUS TERAS
HBU111	NATIONAL KESATRIA I	1	KURSUS UNIVERSITI
JUMLAH		13	

SEMESTER 2			
KOD	KURSUS	JAM KREDIT	KURSUS
CMA422	STRUCTURAL DESIGN	3	KURSUS TERAS
CMA423	SOIL MECHANICS, EARTHWORK AND RETAINING STRUCTURES	3	KURSUS TERAS
CMA433	ENVIRONMENTAL SCIENCE AND BUILDING SERVICES ENGINEERING	3	KURSUS TERAS
CMA453	MEASUREMENT AND ESTIMATING	3	KURSUS TERAS
HBU121	NATIONAL KESATRIA II	1	KURSUS UNIVERSITI
JUMLAH		13	

SEMESTER 3			
KOD	KURSUS	JAM KREDIT	KURSUS
CMA403	INFORMATION AND COMMUNICATION TECHNOLOGY IN CONSTRUCTION	3	KURSUS TERAS
CMA443	LEGAL STUDIES IN CONSTRUCTION	3	KURSUS TERAS
CMA483	QUALITY SAFETY, HEALTH AND ENVIRONMENT	3	KURSUS ELEKTIF
EAD419	MULTIMEDIA DESIGN	2	KURSUS ELEKTIF
ELC590	ENGLISH FOR ORAL PRESENTATION	2	KURSUS UNIVERSITI
HBU131	NATIONAL KESATRIA III	1	KURSUS UNIVERSITI
JUMLAH		14	

SEMESTER 4			
KOD	KURSUS	JAM KREDIT	KURSUS
CMA533	BUILDING ENVIRONMENT SYSTEMS	3	KURSUS TERAS
CMA534	SUSTAINABLE AND LARGE-SCALE CONSTRUCTION	4	KURSUS TERAS
CMA493	OPERATION MANAGEMENT IN CONSTRUCTION	3	KURSUS ELEKTIF
CTU552	PHILOSOPHY AND CURRENT ISSUES	2	KURSUS UNIVERSITI
TMC401	THIRD LANGUAGE I	2	KURSUS UNIVERSITI
JUMLAH		14	

SEMESTER 5			
KOD	KURSUS	JAM KREDIT	KURSUS
CMA543	CONSTRUCTION PROCUREMENT AND CONTRACT MANAGEMENT	3	KURSUS TERAS
CMA544	CIVIL WORKS CONSTRUCTION	4	KURSUS TERAS
CMA442	MANAGING PEOPLE IN CONSTRUCTION ORGANIZATION	3	KURSUS ELEKTIF
CTU554	VALUE AND CIVILATION II	2	KURSUS UNIVERSITI
TMC451	THIRD LANGUAGE II	2	KURSUS UNIVERSITI
	JUMLAH	14	

SEMESTER 6			
KOD	KURSUS	JAM KREDIT	KURSUS
CMA513	PROJECT MANAGEMENT	3	KURSUS TERAS
CMA653	CONSTRUCTION ECONOMICS	3	KURSUS TERAS
RES518	PROPERTY MANAGEMENT I	3	KURSUS ELEKTIF
EWC661	ENGLISH FOR REPORT WRITING	2	KURSUS UNIVERSITI
TMC501	THIRD LANGUAGE III	2	KURSUS UNIVERSITI
	JUMLAH	13	

SEMESTER 7			
KOD	KURSUS	JAM KREDIT	KURSUS
CMA603	RESEARCH METHODOLOGY	2	KURSUS TERAS
CMA663	PROJECT PLANNING AND CONTROL	3	KURSUS TERAS
CMA673	MANAGEMENT FOR CONSTRUCTION BUSINESS	3	KURSUS TERAS
CMA683	MEASUREMENT OF CONSTRUCTION WORKS I	3	KURSUS ELEKTIF
CMA623	BUILDING INFORMATION MODELLING (BIM)	3	KURSUS ELEKTIF
ELC650	ENGLISH FOR PROFESSIONAL INTERACTION	2	KURSUS UNIVERSITI
	JUMLAH	16	

SEMESTER 8			
KOD	KURSUS	JAM KREDIT	KURSUS
CMA613	DISSERTATION	3	KURSUS TERAS
CMA693	MEASUREMENT OF CONSTRUCTION WORKS II	3	KURSUS ELEKTIF
PMG458	PARK VISITOR RECREATION BEHAVIOUR	3	KURSUS ELEKTIF
ENT600	TECHNOLOGY ENTREPRENEURSHIP	3	KURSUS UNIVERSITI
	JUMLAH	12	

SEMESTER 9			
KOD	KURSUS	JAM KREDIT	JENIS KURSUS
CMA558	INDUSTRIAL TRAINING	8	KURSUS TERAS
CMA674	PROJECT EVALUATION AND DEVELOPMENT	4	KURSUS TERAS
	JUMLAH	12	

JUMLAH KESELURUHAN KREDIT: 121 UNIT

SENARAI PILIHAN KURSUS ELEKTIF

SEM 3:

CMA483	QUALITY SAFETY, HEALTH AND ENVIRONMENT	3
EAD419	MULTIMEDIA DESIGN	2
CMA463	BUILDERS QUANTITIES AND ESTIMATING WORK I	3
EAD417	GRAPHIC DESIGN AND LAYOUT	2

SEM 4:

CMA493	OPERATION MANAGEMENT IN CONSTRUCTION	3
UBM599	DIGITAL WORKFORCE	3

SEM 5:

CMA442	MANAGING PEOPLE IN CONSTRUCTION ORGANIZATION	3
CMA473	BUILDERS QUANTITIES AND ESTIMATING WORK II	3

SEM 6:

RES518	PROPERTY MANAGEMENT I	3
MEM634	ERGONOMIC DESIGN	3

SEM 7:

CMA683	MEASUREMENT OF CONSTRUCTION WORKS I	3
CMA623	BUILDING INFORMATION MODELLING (BIM)	3
BSR406	BUILDING CONTROL I	3
BSR455	BUILDING PATHOLOGY	3
RES558	PROPERTY MANAGEMENT II	3

SEM 8:

CMA693	MEASUREMENT OF CONSTRUCTION WORKS II	3
PMG458	PARK VISITOR RECREATION BEHAVIOUR	3
UBM588	INTRODUCTION TO RISK AND INSURANCE	3
CMA693	MEASUREMENT OF CONSTRUCTION WORKS II	3

NOTA:

PILIHAN KURSUS SEPERTI TERTERA DI DALAM PELAN PENGAJIAN



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