



**UNIVERSITI TEKNOLOGI MARA**  
**FAKULTI SENIBINA PERANCANGAN DAN UKUR**  
**PELAN PENGAJIAN PROGRAM e-PJJ**  
**PROGRAM IJAZAH SARJANA MUDA SAINS (KEP.) PENGURUSAN PEMBINAAN – AP246**

<b>SEMESTER 1</b>		
<b>KOD</b>	<b>KURSUS</b>	<b>JAM KREDIT</b>
CMA414	BUILDING CONSTRUCTION AND MATERIALS	4
CMA412	STRUCTURE MECHANICS	3
CMA413	SITE SURVEYING	3
	<b>JUMLAH</b>	<b>10</b>

<b>SEMESTER 2</b>		
<b>KOD</b>	<b>KURSUS</b>	<b>JAM KREDIT</b>
HBU111	NATIONAL KESATRIA I	1
CMA403	INFORMATION AND COMMUNICATION TECHNOLOGY IN CONSTRUCTION	3
CMA423	SOIL MECHANICS, EARTHWORK AND RETAINING STRUCTURES	3
CMA422	STRUCTURAL DESIGN	3
CMA443	LEGAL STUDIES IN CONSTRUCTION	3
	<b>JUMLAH</b>	<b>13</b>

<b>SEMESTER 3</b>		
<b>KOD</b>	<b>KURSUS</b>	<b>JAM KREDIT</b>
CMA402	DIGITAL CONSTRUCTION	2
CMA433	ENVIRONMENTAL SCIENCE AND BUILDING SERVICES ENGINEERING	3
CMA453	MEASUREMENT AND ESTIMATING	3
EAD417	GRAPHIC DESIGN AND LAYOUT	2
	<b>JUMLAH</b>	<b>10</b>

<b>SEMESTER 4</b>		
<b>KOD</b>	<b>KURSUS</b>	<b>JAM KREDIT</b>
HBU121	NATIONAL KESATRIA II	1
CTU552	PHILOSOPHY AND CURRENT ISSUES	2
CMA534	SUSTAINABLE AND LARGE- SCALE CONSTRUCTION	4
CMA533	BUILDING ENVIRONMENT SYSTEMS	3
CMA483	QUALITY SAFETY, HEALTH AND ENVIRONMENT	3
	<b>JUMLAH</b>	<b>13</b>

SEMESTER 5		
KOD	KURSUS	JAM KREDIT
HBU131	NATIONAL KESATRIA III	1
ELC590	ENGLISH FOR ORAL PRESENTATION	2
CTU554	VALUE AND CIVILATION II	2
CMA544	CIVIL WORKS CONSTRUCTION	4
CMA463	MEASUREMENT AND ESTIMATING OF BUILDING WORK I	3
CMA493	OPERATION MANAGEMENT IN CONSTRUCTION	3
	<b>JUMLAH</b>	<b>15</b>

SEMESTER 6		
KOD	KURSUS	JAM KREDIT
TMC401	THIRD LANGUAGE I	2
CMA543	CONSTRUCTION PROCUREMENT AND CONTRACT MANAGEMENT	3
CMA513	PROJECT MANAGEMENT	3
CMA442	MANAGING PEOPLE IN CONSTRUCTION ORGANIZATION	3
CMA683	MEASUREMENT OF CONSTRUCTION WORKS I	3
	<b>JUMLAH</b>	<b>14</b>

SEMESTER 7		
KOD	KURSUS	JAM KREDIT
ENT600	TECHNOLOGY ENTREPRENEURSHIP	3
TMC451	THIRD LANGUAGE II	2
EWC661	ENGLISH FOR REPORT WRITING	2
CMA663	PROJECT PLANNING AND CONTROL	3
CMA693	MEASUREMENT OF CONSTRUCTION WORKS II	3
BSR455	BUILDING PATHOLOGY	3
	<b>JUMLAH</b>	<b>16</b>

SEMESTER 8		
KOD	KURSUS	JAM KREDIT
TMC501	THIRD LANGUAGE III	2
ELC650	ENGLISH FOR PROFESSIONAL INTERACTION	2
CMA653	CONSTRUCTION ECONOMIC	3
CMA603	RESEARCH METHODOLOGY	2
CMA673	MANAGEMENT FOR CONSTRUCTION BUSINESS	3
PMG458	PARK VISITOR RECREATION BEHAVIOUR	3
	<b>JUMLAH</b>	<b>15</b>

SEMESTER 9		
KOD	KURSUS	JAM KREDIT
CMA674	PROJECT EVALUATION AND DEVELOPMENT	4
CMA613	DISSERTATION	3
CMA558	INDUSTRIAL TRAINING	8
	<b>JUMLAH</b>	<b>15</b>

**JUMLAH KESELURUHAN KREDIT: 121 UNIT**



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