## KELAS DAN KURSUS BAGI TAHUN 2013

BIL			SEKOLAH SEKOLAH	KV KANGAR SMT ALOR SETAR	KV KULIM KV PULAU LANGKAWI	KV ALOR SETAR KV SG. PETANI 1 KV SG. PETANI 2	SMT TUANKU ABDUL RAHMAN PUTRA	KV BATU LANCHANG	KV BALIK PULAU SMT SEBERANG PERAI	SMT IPOH	KV SERI MANJUNG KV SERI ISKANDAR	KV SLIM RIVER KV TAIPING	KV KUALA KANGSAR KV LEBUH CATOR	KV TELUK INTAN	KV SUNGAI BULOH KV SHAH ALAM	KV KLANG KV KAJANG	SMT KUALA SELANGOR KV GOMBAK	SMT SEPANG SMT KUALA LUMPUR	KV SETAPAK KV (ERT) SETAPAK	KV MELAKA TENGAH	SMT JASIN	SMT TUANKU JAAFAR KV PORT DICKSON	KV AMPANGAN KV KUALA KLAWANG	KV JUASSEH KV DATO' LELA MAHARAJA	KV DATO' UNDANG HAJI MUHAMAD SHARIP SMT JOHOR BAHRU	KV BATU PAHAT	KV KOTA TINGGI	KV MUAR KV KLUANG	KV TANJUNG PUTERI KV PERDAGANGAN	KV (ERT)AZIZAH KV (ERT) PUTERI	SMT KUANTAN KV TENGKU AMPUAN AFZAN	KV SULTAN AHMAD SHAH KV SULTAN HAJI AHMAD SHAH AL MUSTAIN BILLAH	KV MUADZAM SHAH	KV TEMERLOH KV KUANTAN	KV PERTANIAN CHENOR KV KUALA KRAI	KV PENGKALAN CHEPA KV PASIR MAS KV TANAH MERAH	SMT BACHOK KV KUALA TERENGGANU	(WAKAF TEMBUSU) KV KEMAMAN	KV BESUT	SMT DUNGUN KV KUDAT	KV KENINGAU KV LABUAN	KV SANDAKAN KV LAHAD DATU	KV TAWAU KV LIKAS	KV BEAUFORT	KV KUCHING KV MATANG	KV BETONG KV SIBU	KV BINTULU KV MIRI	SMT SEJINGKAT SMK SULTAN ABDUL SAMAD	MIT (MALAYSIAN INSTITUTE OF TECHNOLOGY ACADEMY)	MATA JUMLAH SEKOLAH YANG MENAWARKAN KURSUS
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4			Sains Pertanian	٧					$\perp \perp \perp$	Ш	Ш		Ш	Ш	Ш	Ш	Ш	Ш	Ш	٧				Ш		v			Ш	Ш			Ш	Ш	Ш	Ш	Ш			Ш	Ш	Ш	Ш	'		oxdot	$\perp \perp$	$\perp \perp$	Ш	3
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- 5		ologi teraan ik dan ronik	(Electrical Technology)	V	v v	V	+	v v v	/ V	+H	V V	V V	V V	+	<u> </u>	v	+	+	۷	٧	v	V	V V	۷		V	V V	V V	V	$\vdash\vdash\vdash$	٧	V V	<del>'    </del>	V V	۷	v .	v	v v	/ V	V	v v v	V V	- V '	V V	v v	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V   V	++	++	51
8		Tekn Kejuru Elektr Elekt	Technology) Teknologi Mekatronik (Mechatronics	++	H V	+ + +	+	<del>'   '   '</del>	+++	+	+++	+++	╫	+	<del>*    </del>	<del>*    </del>	+	+	+	╫	+	-   *	+	H	$\vdash$	╫	+++	+	╫	H	╅	+	+	+++	╅	+	<del>*     -</del>	• •	<del>                                     </del>	╁┼	+++	╫	+++	+	•   •	+++	+++	++	V	1
9			Technology)	v			+ +		<del>.      </del>	+			-	.		_	+H	+		-									-	H	+		+		-	-	.	-1 -1		++-	++	+	++	$\dashv$		+	+++	++	+	47
9		dan	Mechining)	$\perp$	ľ	<del>                                     </del>	+	<u> </u>	++	$+\!\!\!+\!\!\!\!+$	<b>-  °  </b>	V V		<u> </u>	*   *	<del>*</del>	+H	+	<u> </u>	┵	<u> </u>	-   •	<u> </u>	ľ	$\vdash$	- V	<u> </u>	V V	<b>'</b>	H	<b>-</b>	<u> </u>	+	<u> </u>	⊢ <sup>v</sup>	<u> </u>	<u> </u>	V V	<u> </u>	₩	+++	+		#	VV	++-	<del>                                     </del>	++	++	+
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11		n Mek an	Technology) Teknologi Penyejukbekuan &	v	V V	۷	+	V V V	<del>'     </del>	$+\!\!\!+\!\!\!\!+$	٧	V V	V V	+	٧	V V	+H	+	٧	٧	٧	٧	٧	٧	$\vdash$	٧	V V	V V	٧	H	٧	V V	<del>'    </del>	V V	٧	٧	٧	V V	/ V	٧	٧,	V V	٧,	V V	V V	٧	V V	++	++	51
12		uteraa mbuat	Penyamanan Udara ( Air Conditioning And Refrigeration	v	v	v		, I			v	v v			v	v v			v	v		٧	٧	v		v	v v	v v			v	v v	,	٧	v		v	v v	, v	v	,			v v	V					34
Н		Kejun Pe	Technology)	++	$\vdash$	+++	+	++	+++	$+\!\!\!+\!\!\!\!+$	+	+	+	+	+	$\dashv$	+H	+	+	++	+	$\dashv$	+	$\vdash$	$\vdash$	+	$\dashv$	+	++	H	+	+	+	+	+	+	+	-	++	++	++	++	++	#		++	++	++	++	+
13		nologi	Pembuatan Peralatan - Metal Stamping Die																																														٧	1
14		Tek	Pembuatan Peralatan - Mould																																														٧	1
Н		i a					1 1	++	†††	$\dashv \vdash$	+		$\top$	++	$\dashv$	$\dashv$	$\top$	$\top$	$\Box$	++		$\Box$		Н	$\vdash$	+			H	Н			++	$\top$	$\top$	+	+		+	$^{\dagger\dagger}$	+	++	++	$\dashv \dashv$		$\vdash$	+	+	++	+
15		Teknologi Kejuruteraa Awam	Teknologi Pembinaan (Construction Technology)	v	v v	٧		v			٧	v v	٧		٧	٧			٧	٧	٧	٧	٧	٧		٧	v v	v v	٧			٧	, v	v v	٧		v	v v	/ v	٧	v v 1	٧	V	٧	٧	٧	٧			41
16		Pengangkutan	Penyelenggaraan Pesawat - SBR (Senggara, Baik Pulih dan Rombak Rawat) (Aircraft Maintenance - Maintenance, Repair and Overhaul (MRO))																																															۷ 1
17			Seni Kulinari (Culinary Arts)	٧	v	١,	,	11	111				٧		$\top$	$\top$	$\top$	$\top$	٧	$\top$					٧	$\top$		٧		v v			$\top$	$\top$			v		++	T	V	+	٧	+	٧	٧	v	V	,	16
18			(Culinary Arts) Bakeri dan Konfeksionari (Bakery and Confectionary)		٧	١ ١	/						٧		$\Box$		П													Ш							٧				٧		٧	$\top$						6
19		æ	Fesyen dan Pembuatan Pakaian (Fashion and Dress Making)	٧			v .						٧						٧						٧			٧		v v							v				٧		٧		٧	٧				13
20		ospital	Kosmetologi (Cosmetology)	v		<del>                                     </del>	,	++	†††	$\dashv \vdash$	+		v	++	$\dashv$	$\dashv$	$\top$	$\top$	v	++		$\Box$		Н	v	+		٧	H	v			++	$\top$	$\top$	+	v I		+	$^{\dagger\dagger}$	v	++	v	$\dashv \dashv$	v		+	+	++	12
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21			Perkhidmatan Asuhan Kanak-Kanak (Child Care Services)			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<b>'</b>						٧						٧											٧							٧				٧		٧							7
22			Pelancongan (Tourism) Pengurusan Perniagaan	++	V V	-	,		<del>,      </del>	$\dashv$	,		., .,	.,	-   ,	-   .	+	+	+		.,		., .,	., .,	$\vdash$	++	+		-	H		.,		., .,		-1 -1	,	-	,	<del>    ,</del>	, , ,	٧	++	٧	v v	<del>    ,</del>	++-	++-	,	3 43
24			(Business Managment) Kesetiausahaan Pentadbiran	-	"	<del>                                     </del>	,	+++	++	+	╅	v v	<del>*   *  </del>	+	┪	┪	v	+	$\overline{}$	╅	+	-   1	V V	•   •		+	+	Ť	V V	H	+	+	╅	v v	+	v v	<u> </u>	v v	<del>,    </del>	<del>    '</del>	+++	++	++	V V	V V	++	+	++	++	13
		gaan	(Administrative Secretary) Perbankan (Banking)					$\pm \pm$	$\pm \pm \pm$		$\pm$				$\pm$	$\pm$			$\Box$										Η.						$\pm$		$\pm$			$\pm \pm$	世	٧	<u> </u>	$\pm$		世	世	世	世	1
26 27		Pernia	Insuran (Insurance) Pemasaran (Marketing)	++	$\vdash$	+++	+	++	+++	+	+	+	+	+	+	+	۷	_	-H	+	-	-H	-	Н		+	+	-	+	+++	+		+	+	+	+	+	+	++	++	++	++	++	+		$+\!\!+\!\!\!-$	++	++	++	1
28			Pengurusan Peruncitan (Retailing Management)												П	T	٧													Ш													11	$\top$		Ħ				1
25 26 27 28 29			Perakaunan (Accountancy)			<b>—</b>	/	++	+H	-H	+	-H	$\blacksquare$	+	٧	۷ ۷	٧	+	٧	+		-	-	٧		+	-	٧	٧	Н	-		$\blacksquare$	٧	+	+	+	٧	+	+	$\mp$	١	۷ ۷	٧		٧	V		$\mp$	16
30		ılogi at dan iikasi	Sistem Komputer & Rangkaian (Computer System and Networking)	٧		٧			٧	Ш			Ш		٧	Ш	Ш		٧	Ш	٧	٧		٧		Ш		٧	Ш	Ш	٧		Ш	Ш	٧	٧	Ш		٧	٧			٧			٧	٧			17
31		Teknc Maklum Komur	Sistem Pengurusan Pangkalan Data dan Aplikasi Web (Database Management System and Web Application)		v	٧									٧														V																					4
32			Agroindustri Tanaman (Plants Agro -industry)											٧										٧											٧							<b>T</b>	V	$\Box$						4
33			Agroindustri Ternakan Ruminan (Ruminant Agro-industry)											٧										٧											٧							П,	٧	$\Box$						4
34			Agroindustri Ternakan Poultri ( Poultry Agro-industry)											٧										٧											٧							П,	٧	$\Box$						4
35			Mekanisasi Agro (Agro Mechanisation)											٧										٧											٧								٧							4
36		iian	Herba (Herb) Bioteknologi			$\Box$			$\perp \! \! \perp \! \! \! \perp$	$\perp \! \! \perp \! \! \! \! \! \perp \! \! \! \! \! \! \! \! \! \!$	$\perp$		$\perp \! \! \perp \! \! \perp$	٧	Ш	Ш	Ш	Ш		Ш						$\perp$				Ш			Ш	Ш	$\perp$		$\perp \! \! \perp$			Ш	$\perp \! \! \! \! \! \! \! \! \! \! \perp$	$\perp \! \! \! \! \! \! \! \! \perp$	$\bot \bot$	!		Ш	$\perp \perp$	$\perp \perp$	$\perp \downarrow$	1
37		Pertar	( Biotechnology)			+++		$\perp$	+	$\perp$	$\perp$			٧	$\dashv$	$\dashv$	$\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	$\perp$		$\perp \perp$						$\perp \perp$	$\perp$			Ш			$\perp$	$\perp$	$\perp$	$\perp$	44	_	$\perp \perp$	44	#	<del>    '</del>	J	44		₩	++	+	$\bot \bot$	2
38			Akuakultur (Aquaculture) Holtikultur Hiasan	+	$\vdash$	++	++	++	+++	$\dashv$	+	+	$\dashv$	۷	$\dashv$	+	+	$\dashv$	$\dashv$	+	+	$\vdash\vdash\vdash$	+	<b>  </b>   <b>√</b>	$\vdash$	$\dashv$	$\dashv$	+	+	H	+	+	+	$\dashv$	٧	+	$+\!\!+$	+	++	+	++	++'	1	+	$\vdash \vdash$	+	+	+	++	4
32 33 34 35 36 37 38 39 40			(Ornamental Horticulture)  Landskap (Landscape)	+		++	+	++	+++	+	+	$\dashv$	+	٧	$\dashv$	+	$\dashv$	$\dashv$	$\square$	+	+	$\square$	+	V	$\vdash$	+	$\dashv$	-	+	$\square$	+	+	+	$\dashv$	۷ .	+	+	+	++	+	++	#	۷ ۷	4		$+\!\!\!+\!\!\!\!+$	++		++	4
41			Pemprosesan Hasil Pertanian	++	+		++	++	+++	$\dashv \vdash$	+	+	$\dashv \vdash$	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	$\dashv \vdash$	$\dashv \vdash$	$\dashv \vdash$	$\forall$	+	+	+	+	$\top$	J	$\vdash$	+	$\dashv \uparrow$	$\top$	+	+++	+	$\top$	+	$\dashv \vdash$	,	+	+		++	++	+	++;	;	$\forall$	$\vdash$	+	++	++	++	4
42			(Agriculture Products Processing)  Florikultur (Floriculture)	++	$\vdash$	+++	++	++	++	$\dashv$	+	+	$\dashv$	v	$\dashv$	+	+	$\dashv$	$\dashv$	+	+	$\vdash\vdash\vdash$	+	HŤ	$\vdash$	$\dashv$	$\dashv$	+	Н	H	+	_	+	$\dashv$	+	+	$+\!\!+$	+	++	+	++	++'	+	+	$\vdash$	+	++	++	++	1
42			. Sakului (Fishbuluie)			$\perp \perp \perp$						$\perp$		v								ш							1	ш											ш					Щ				ــــــــــــــــــــــــــــــــــــــ

## KELAS DAN KURSUS BAGI TAHUN 2013

BIL.			SEKOLAH   SEKOLAH  SEKOLAH	KV KANGAR	SMT ALOR SETAR KV KULIM	KV PULAU LANGKAWI	KV ALOR SETAR KV SG. PETANI 1	KV SG. PETANI 2	SMT TUANKU ABDUL KAHMAN PUTRA KV NIBONG TEBAL	ку виттекмоктн	KV BATU LANCHANG KV BALIK PULAU	SMT SEBERANG PERAI SMT GERIK	SMT IPOH	KV SERI MANJUNG KV SERI ISKANDAR	KV SLIM RIVER KV TAIPING	KV KUALA KANGSAR	KV LEBUH CATOR KV KERIAN	KV TELUK INTAN	KV SUNGAI BULOH	KV KLANG	KV KAJANG SMT KUALA SELANGOR	KV GOMBAK SMT SEPANG	SMT KUALA LUMPUR KV SETAPAK	KV (ERT) SETAPAK	KV MELAKA TENGAH	KV DATUK SERI MOHD ZIN	SMT TUANKU JAAFAR	KV PORT DICKSON KV AMPANGAN	KV KUALA KLAWANG	KV DATO' LELA MAHARAJA	KV DATO' UNDANG HAJI MUHAMAD SHARIP	KV BATU PAHAT	KV SEGAMAT	KV MUAR	KV KLUANG	KV TANJUNG PUTERI KV PERDAGANGAN	KV (ERT) AZIZAH KV (ERT) PUTERI	SMT KUANTAN KV TENGKU AMPUAN AFZAN	KV SULTAN AHMAD SHAH	KV SULTAN HAJI AHMAD SHAH AL MUSTAIN BILLAH	KV TEMERLOH	KV KUANTAN	KV KUALA KRAI	KV PENGKALAN CHEPA KV PASIR MAS	KV TANAH MERAH	KV KUALA TERENGGANU (WAKAF TEMBUSU)	KV KEMAMAN	KV BESUT	SMT DUNGUN	KV KENINGAU	KV LABUAN	KV LAHAD DATU	KV TAWAU	KV LIKAS KV BEAUFORT	KV KUCHING KV MATANG	KV BETONG	KV SIBU	KV MIRI	SMT SEJINGKAT	MIT (MALAYSIAN INSTITUTE OF	MATA	JUMLAH SEKOLAH YANG MENAWARKAN KURSUS
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43			Mekanik Penyejukbekuan & Penyamanan Udara						٧						٧	٧					٧			<i>,</i>						٧				٧													٧	٧		٧						٧						11
44			Juruteknik Elektrik				٧		٧	٧	٧		П	v	v v	v	٧		٧					,	П				٧	٧		٧	٧	٧	П			٧	v		٧	٧	٧		٧			٧	$\Box$	v v			٧			٧٧						28
45			Pemesin Am / Juruteknik Pemesinan		١,	,			v				П	٧	٧	$\Box$	v v			П			П	,	П				П			v	П	٧	П	v	П				٧	٧			П			٧	T	٧						٧						15
46			Jurukimpal / Juruteknik Kimpalan		$\top$	٧		Ħ	v	v	٧		Ħ	v	V	, v	v v				T		П	$\top$	П		$\top$		Ħ	٧		٧	٧	٧	П	$\top$	$\top$					Ħ	٧		٧			٧	T	٧	Ħ	٧	Ħ	$\top$	Ħ	٧					$\Box$	19
47			Mekanik Kenderaan Motor / Mekanik Automotif	٧				I	٧	v	٧		$\top$	$\top$	П	v	٧		٧		v		Ħ	,	٧		$\Box$		П	٧		v	٧	v	П	$\top$		V	v	٧	٧	٧	٧		٧		٧	٧	$\dagger \dagger$	v v	Ħ	v	٧	$\top$		v v		٧			$\Box$	30
48		ng.	Pelukis Pelan Kejuruteraan Mekanikal	+	1	$\top$		H		H			H		$\vdash$	$\dagger \dagger$	$\top$	T	1	+	$\top$	H	H	$\top$	Н	1	$\top$		H	$\top$			Ш		Н	$\forall$	$\top$		+			H	+	v	H		1	H	+		H		H	+							+	1
49		Ketu	Furniture Maker	$\dagger \dagger$	١,	,		$\dagger\dagger$		V		H	$\top$	V	v v	,	$\top$	$\top$	$\top$	v	$\top$	H	Ħ	,	$\top$	+	$\forall$	$\top$	$\dagger \dagger$	$\top$			V	٧	П	$\forall$	$\dashv$	$\top$	+	_	٧	Ħ	$\forall$	+	٧		1	H	$\dagger \dagger$	v v	Ħ		Ħ	+	H						++	13
50			Jurubina Bangunan					Ħ		T			П	T	$\sqcap$	$\top$	٧	П		$\top$			Ħ	$\top$	П		$\top$		Ħ	T					П	$\top$	$\top$					Ħ	$\top$		H			H	T		Ħ		Ħ	$\top$							$\Box$	1
51	ALIRAN KEMAHIRAN		Jurukerja Paip / Pemasangan Perpaipan dan Kumbahan				٧											П						П	П												$\top$								v				$\mathbf{H}$													2
52			Pelukis Pelan Senibina		$\top$			Ħ					П	T	$\sqcap$	$\top$		П			T		П	$\top$	٧		$\top$		Ħ	T					П	v	$\top$		٧			Ħ		٧	П				T		Ħ		Ħ	$\top$	Ħ						$\Box$	4
53			Juruteknik Elektronik Industri-Peralatan		١,	,	٧		v		٧		$\top$	٧	V	v		П		٧				11	$\top$	1	11		٧				٧	٧	П	٧		٧	,		٧	٧	11	٧	٧				$\Box$		Ħ	٧				٧					$\Box$	19
54			Pembuat Pakaian Wanita / Pembuat dan Mereka Pakaian Wanita													٧															٧						٧								٧				T							٧						5
55		ospita	Pembantu Penyedia Makanan / Demi Chef										$\top$	T	П	$\sqcap$		П		$\Box$	$\top$		П	$\top$	$\sqcap$	T			$\Box$		٧		П		П	$\top$	٧					П	$\top$		П				$\prod$		П											2
56		ž	Jurukecantikan	$\dagger \dagger$				$  \uparrow  $			1		$\top$	T	П			П			$\top$		$\sqcap$	$\top$	$\top \!\!\!\!\! \top$	1	$\top$		$\sqcap$	П			$\sqcap$		П	$\top$	v v					$\sqcap$	$\top$		$\sqcap$				$\prod$													2
57		Agrotel	Pekerja Ladang Pertanian / Juruteknik Ladang Pertanian															٧																									v																			2
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