CURRICULUM STRUCTURE FEBRUARY INTAKE (SCSJ) – 131 CREDIT

YEAR 1

	Semester I			Semester II	
Code	**Course**	**Credit**	**Code**	**Course**	**Credit**
SCSI1113	Computational Mathematics	3	SCSJ1023	Programming Technique II	3
SCSJ1013	Programming Technique I	3	SCSR1213	Network Communications	3
SCSR1013	Digital Logic	3	SCSD 2523	Database	3
UHA1012	Graduate Success Attributes	2	SCSD 2613	System Analysis and Design	3
SCSV2113	Human Computer Interaction	3	SCSP1513	Technology & Information System	3
UICL 2302	The Thought of Sciences and Technology	2	UICI1012	Islamic & Asian Civilisation (Malaysian)	2
ULAB1122	Academic English Skills	2	ULAM1012	Malaysia Language for Communication 2 (International)	
Total Credits		18	**Total Credits**		17

YEAR 2

	Semester I			Semester II	
Code	**Course**	**Credit**	**Code**	**Course**	**Credit**
SCSJ 2154	Object Oriented Programming	4	SCSI1013	Discrete Structure	3
SCSJ 2203	Software Engineering	3	SCSJ 2013	Data Structure and Algorithm	3
SCSR 2033	Computer Organisation and Architecture	3	SCSR 2043	Operating Systems	3
SCSV2223	Web Programming	3	UKQx xxx2	Co-curriculum	2
ULAB 2122	Advanced Academic English Skills	2	*Elective Courses - Choose 2 (6 Credits)*		
Elective Courses - Choose 1 (3 Credits)			SCSJ 3303	Internet Programming	3
SCSJ2253	Requirements Engineering & Software Modelling	3	SCSJ 3323	Software Design & Architecture	3
SCSJ 2363	Software Project Management		SCSJ4383	Software Construction	3
Total Credits		18	**Total Credits**		17

YEAR 3

Semester I			Semester II		
Code	**Course**	**Credit**	**Code**	**Course**	**Credit**
SCSJ 3104	Applications Development	4	SCSJ3032	Software Engineering Project I	2
SCSI2143	Probability & Statistical Data Analysis	3	ULAB3162	English for Professional Purpose	2
UKQE 3001	Extracurricular Experiential Learning	1			
Elective Courses – Choose3 (9 Credits)			SCSJ3203	Theory of Computer Science	3
SCSJ3343	Software Quality Assurance	3	ULAx1122	Foreign Language Elective (Malaysian)	2
SCSJ3563	Computational Intelligence	3	SCSD 3761	Technopreneurship Seminar	1
SCSJ 3623	Mobile Application Programming	3	UHAK 1032	Introduction to Entrepreneurship	2
SCSJ3483	Web Technology	3	SCSJ 3553	Artificial Intelligence	3
SCSJ 3403	Special Topic In Software Engineering	3	UHAS 1172	*Malaysia Dynamic (Malaysian)	2
			UHAK 1022	**Malaysian Studies 3 (International)	
Total Credits		**17**	**Total Credits**		**17**

YEAR 4

Semester I			Semester II		
Code	**Course**	**Credit**	**Code**	**Course**	**Credit**
SCSJ 4134	Software Engineering Project II	4	SCSJ 4118	Industrial Training (HW)	8
UICL 2xx2	Enrichment of Knowledge Elective	2	SCSJ 4114	Industrial Training Report	4
Elective Courses - Choose 3 (9 Credits)					
SCSJ4423	Real-Time Software Engineering	3			
SCSJ3563	Computational Intelligence	3			
SCSJ4463	Agent-Oriented Software Engineering	3			
SCSJ 3603	Knowledge-Based & Expert Systems	3			
Total Credits		**15**	**Total Credits**		**12**