NAME OF HEP: UNIVERSITI TUNKU ABDUL RAHMAN

NAME OF ACCREDITED PORGRAMME: BACHELOR OF SCIENCE (HONOURS) GAME DEVELOPMENT

NO.	NAME OF MICRO-CREDENTIAL	CREDIT VALUE	ASSESSMENT		MODE OF DELIVERY	REQUIREMENTS TO ENROL					
			CONTINUOUS ASSESSMENT	FINAL ASSESSMENT		AGE	EXPERIENCE	LANGUAGE PROFICIENCY	NUMERACY PROFICIENCY	PREREQUISITES	OTHERS
1	UFJZ1003 MICRO-CREDENTIAL: PROGRAMMING CONCEPTS AND DESIGN	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
2	UFJBB1003 MICRO-CREDENTIAL: FUNDAMENTALS OF LINEAR ALGEBRA	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
3	UFJK1023 MICRO-CREDENTIAL: INTRODUCTION TO GAME DEVELOPMENT	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
4	UFJB1003 MICRO-CREDENTIAL: CREATIVE THINKING AND IDEA GENERATION	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
5	UFJB1163 MICRO-CREDENTIAL: PERCEPTION STUDIES	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
6	UFJH1004 MICRO-CREDENTIAL: FOUNDATIONS OF DRAWING	4	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
7	MFPB32013 MICRO-CREDENTIAL: BAHASA KEBANGSAAN A	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
8	UFAH1003 MICRO-CREDENTIAL: INTRODUCTION TO FRENCH	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
9	UFAB2013 MICRO-CREDENTIAL: INTRODUCTION TO JAPANESE	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
10	UFJB1093 MICRO-CREDENTIAL: INTRODUCTION TO KOREAN	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
11	MFPB3113 MICRO-CREDENTIAL: HUBUNGAN ETNIK	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
12	MFPB3173 MICRO-CREDENTIAL: MALAYSIAN STUDIES 3	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
13	UFJN1043 MICRO-CREDENTIAL: GAME PROGRAMMING AND DEVELOPMENT I	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No

No	Course	Credit			Mode	Age		English Proficiency	Proficiency	Prerequisite	
14	UFJN1023 MICRO-CREDENTIAL: FUNDAMENTALS OF IMAGING	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
15	UFJE1054 MICRO-CREDENTIAL: 2D ANIMATION	4	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
16	MFPB34012 MICRO-CREDENTIAL: SOCIAL ENTREPRENEURSHIP PROJECT	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
17	MFPB34022 MICRO-CREDENTIAL: ARTS AND CULTURAL PERFORMANCE	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
18	MFPB34032 MICRO-CREDENTIAL: COMMUNITY PROJECT	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
19	UFJK1083 MICRO-CREDENTIAL: HISTORY OF GAME ART AND GENRE STUDIES	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
20	UFJE1093 MICRO-CREDENTIAL: FUNDAMENTALS OF VECTOR GRAPHICS	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
21	UFKB1011 MICRO-CREDENTIAL: SUN ZI'S ART OF WAR AND BUSINESS STRATEGIES	1	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
22	MFPB32123 MICRO-CREDENTIAL: ENGLISH FOR GAMES	3	60%	40%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
23	MFPB3123 MICRO-CREDENTIAL: TAMADUN ISLAM DAN TAMADUN ASIA (TITAS)	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
24	MFPB3143 MICRO-CREDENTIAL: BAHASA MELAYU KOMUNIKASI 2	3	60%	40%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
25	UFJQ1023 MICRO-CREDENTIAL: DATA STRUCTURES AND ALGORITHMS	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFEB1003 MICRO-CREDENTIAL: PROGRAMMING CONCEPTS AND DESIGN	No
26	UFJK1013 MICRO-CREDENTIAL: GAME PHYSICS	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
27	UFJK2133 MICRO-CREDENTIAL: ONLINE NETWORKING FOR GAMES DEVELOPMENT	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
28	UFJB1173 MICRO-CREDENTIAL: BASIC 3D ASSET MODELING	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No

29	UFJE2073 MICRO-CREDENTIAL: BASIC COMPUTER GRAPHICS	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
30	UFJB2143 MICRO-CREDENTIAL: USER EXPERIENCE AND INTERFACE DESIGN	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
31	UFJE2163 MICRO-CREDENTIAL: BASIC 3D ANIMATION FOR GAMES	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
32	UFJE2233 MICRO-CREDENTIAL: MOBILE GAME DEVELOPMENT I	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
33	UFJE2043 MICRO-CREDENTIAL: PUBLIC SPEAKING	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
34	UFJB2083 MICRO-CREDENTIAL: CREATIVE WRITING	3	80%	20%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
35	UFJE2014 MICRO-CREDENTIAL: VIRTUAL AND AUGMENTED REALITY DEVELOPMENT	4	60%	40%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
36	UFJB2034 MICRO-CREDENTIAL: LEVEL DESIGN	4	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
37	UFJN2013 MICRO-CREDENTIAL: GAME RESEARCH AND SOCIETY	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
38	UFJE2243 MICRO-CREDENTIAL: MOBILE GAME DEVELOPMENT II	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
39	MFPB33163 MICRO-CREDENTIAL: ART LAW & CYBER LAW	3	60%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
40	UFJN2003 MICRO-CREDENTIAL: GAME PROGRAMMING AND DEVELOPMENT II	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFJE2073 MICRO-CREDENTIAL: BASIC COMPUTER GRAPHICS UFJN1043 MICRO-CREDENTIAL: GAME PROGRAMMING AND DEVELOPMENT I	No
41	UFJB2094 MICRO-CREDENTIAL: ADVANCED COMPUTER GRAPHICS	4	60%	40%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFJE2073 MICRO-CREDENTIAL: BASIC COMPUTER GRAPHICS	No
42	UFJE3004 MICRO-CREDENTIAL: ARTIFICIAL INTELLIGENCE FOR GAMES	4	60%	40%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
43	UFJB3043 MICRO-CREDENTIAL: TECHNOPRENEURSHIP	3	60%	40%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No