SUBJEK	CLO	TAKSIRAN
GAPD1032 Asas Pembelajaran Digital	1. Menerangkan konsep teknologi dan sumber digital serta peranan guru dan pelajar berkaitan pembelajaran bermakna. (C2, HP1) 2. Mengaplikasi teknologi dan sumber digital untuk aktiviti pengajaran dan pembelajaran bermakna. (C3, A2, HP2, KKG1, KIK5) 3. Merumus pola data untuk menyelesaikan isu kewarganegaraan digital dalam konteks pembelajaran bermakna. (C5, A4, HP6, HP11, KDN3, KEP15)	Ujian Projek Penulisan Reflektif
GPP1092 Pengantar Pengajian Pendidikan (Versi Melayu)	1. Menjelaskan definisi dan konsep pendidikan serta pandangan tokoh mengikut era (C2, HP1) 2. Menerangkan aspirasi dan halatuju pendidikan serta implikasinya terhadap guru berjiwa pendidik melalui persembahan secara digital 3. Menghubungkaitkan perkembangan pendidikan, aspirasi dan halatuju pendidikan, sahsiah dan kompetensi guru dengan pemuafakatan komuniti dalam memartabatkan profesion keguruan (C4, HP2, KKG2)	Kuiz Persembahan Penulisan

SCES1152 Computational Thinking in Science	1. Explain the history, definitions and computational thinking skills. (C2, LO1) 2. Produce science projects by applying computational thinking skills through unplugged and plugged-in activities. (C6, A4, LO2, LO6, KKG5, KDN2) 3. Describe the integration of computational thinking skills in the science projects produced. (A3, LO4, KIK2)	1. 3 Quizzes 2. Project 1(Unplugged) Project 2 (Plugged-in) 3. Presentation
GISC1082 Isu Semasa & Cabaran Masa Depan		
SCES1104 Fundamentals of Biology II	1. Analyze the concepts of reproduction and development, animal and plant growth, energy and respiration, and genetics (C4, PLO2, KKG2). 2. Conduct a study on the factors that influence the reaction of enzymes and photosynthesis through practical.(C3, P4, PLO2, PLO3, KKG1) 3. Critically draw the relationship between the concept of infectious disease and microbiology.(C4, A4, PLO2, PLO8, KKG3, KAT1)	1. Practicals 2. Product producing

SCES1114 Fundamentals of Physics II	1.Apply the concepts related to electrostatics, capacitor, magnetic field and magnetic induction in daily life. (C3, PLO2, KKG1) 2.Exhibit practical skills in conducting inquiry investigations related to electricity and wave optics. (C4, P4, PLO2, PLO3, KKG2) 3. Describe critically the application of the concepts of photoelectric and nuclear physics in the latest technology. (C4, A4, PLO2, PLO5, KKG3, KIK7)	1.Examination 2. 2 Practicals - Practical Report - Practical Skills 3. Writing
SCES1124 Fundamentals of Chemistry II	1. Explain the facts, concepts and theories of the rate of reaction (C2, PLO1) 2. Apply the knowlege of concepts and principles of chemical equilibrium, salts and organic compounds to solve problems (C3, PLO2, PLO7, KKG1, KDN5) 3. Analyse the concepts and principles of acid-base and hydrocarbon compounds based on related theories. (C4, A2, PLO2, PLO10, KKG2, KEP11)	1. Quiz 2. Practical Reports

SCES1134 Trends & Issues in Science Education	1. Analyse Science Education trends and issues in Malaysia with reference to the Philosophy of Science, Philosophy of Education Malaysia, Philosophy of National Science Education based on current and latest reports. (C4, LO2, KKG2) 2. Critically comment on the progress or achievements of the current and latest trends and issues of Science Education in Malaysia and global. (C5, A4, LO2, LO9, KKG2, KPK1) 3. Justify the pedagogy of science education in line with the future trends. (C6, A3, LO2, LO5, KKG6, KIK7)	1. e-Forum (Individual) 2. Case Study (Individual) 2000 words 3. Writing (Individual) 1200 words
SCES1142 Mathematics in Science	1. Apply the Concept of Linear and Quadratic Equations and Inequalities in Science (C3, LO2, KKG1) 2. Apply the Concept of Linear and Quadratic Functions and Graphs in Science(C4, A2, LO4, LO7, KIK1, KIK7, KDN5) 3. Relate the Concept of Trigonometric Functions and Graphs in Science(C4, A3, LO4, LO7, KIK7, KDN5)	1. Quiz 2. Project 3. Writing
PJMS1104 Asas Senaman & Kecergasan	1. Menghuraikan pengetahuan yang berkaitan dengan asas senaman, prinsip, jenis-jenis dan komponen kecergasan keseluruhan (C2, HPP1) 2. Menilai perkaitan antara prinsip, jenis-jenis senaman, komponen kecergasan keseluruhan dan kecergasan fizikal (C5, HPP2, KKG7)	1.Penulisan 2.Peperiksaan

	3. Mengadaptasi senaman berasaskan aerobik, anaerobik dan kalistenik dalam latihan fizikal (P6, A4, HPP3, HPP6, KAT2)	3. Pembentangan
PJMS1114 Isu-Isu Dalam Pendidikan Jasmani & Sukan		
PJMS1124 Asas Akuatik		
PJMS1134 Asas Rekreasi & Kesenggangan		
PJMS1144 Modifikasi Permainan		
BMMB1104 Kesusasteraan & Kebudayaan Melayu		
BMMB1114 Pengenalan Sistem Ejaan Jawi & Rumi		
BMMB1124 Literasi Bahasa		

BMMB1134 Keterampilan Berbahasa		
BMMB1144 Kesantunan Berbahasa		