

Final Exam and syllabi Contents Form: Semester 1 / 2023

Subject: Foundation Mathematics 1 Code: MA30101 Class EP M4/1-2 Teacher's Name: Shiv Kumar

Contents	Formative 2	Final Exam	Written Answers	Classroom Handouts	Remark
1. Concept of parabola	✓	✓	✓	Text book (Haese Mathematics 3 rd edition) (Class Worksheets +Handouts)	Content might change because of time constraints.
2. Vertex form of parabola	✓	✓	✓		
3. Finding the vertex and axis of symmetry for parabola	✓	✓	✓		
4. Completing the square	✓	✓	✓		
5. Quadratic inequality	✓	✓	✓		
6. Solving quadratic inequality	✓	✓	✓		
7. Graphing quadratic inequality	✓	✓	✓		
8. Solution of quadratic inequality	✓	✓	✓		
9. Exponents and properties	✓	✓	✓		

Subject: Universal Mathematics 1 Code: MA30213 Class: EP M4/1-2 Teacher's Name: Robert Sylvester

Contents	Formative 2	Final	Written Answers	Classroom Handouts	Remark
1. Creating Truth Tables	✓	✓	✓	Worksheets, Schoology, textbook work, teacher's notes	Content might change because of time constraints.
2. Negations, Conjunctions and Disjunctions	✓	✓	✓		
3. Conditional, Biconditional, Inverse and Converse	✓	✓	✓		
4. Tautologies and Logically Equivalent statements	✓	✓	✓		
5. Translating statements into Symbolic Form	✓	✓	✓		

Formative 2: - Quizzes and Activities - Schoology worksheet - Worksheets

Subject: M4 Foundation Health Studies and Physical Education Code: HP30101 Class EP M4/1-2 Teacher's Name: Brian Mallon

Contents	Formative 2	Final	Classroom Handouts	Remark
1. Basketball Rules	✓	✓	Exam Review Sheet.	Content might change because of time constraints.
2. Basketball History	✓	✓		
3. Physical Fitness	✓	✓		
4. MOE Fitness Tests	✓	✓		
5. Sportsmanship	✓	✓		

Note: The exam will take place during our last class before exam week.

Subject: Foundation Physics Code: ST30101 Class EP M4/1-2 Teacher's Name: Mr. Edward Aldworth

Contents	Formative 2	Exam	Classroom Handouts	Remark
1. Understanding Vectors and Scalars	✓	✓	Textbook Class Notes Class activities Class Tests Labs	
2. Momentum	✓	✓		
3. Impulse	✓	✓		
4. Impulse – momentum theorem	✓	✓		
5. Conservation of momentum	✓	✓		
6. Inelastic collisions	✓	✓		

Subject: Foundation Chemistry Code: ST30102 Class: EPM4/1 & M4/2 Teacher's Name: Mr. Michael Dew

Contents		Formative 2	Final	Classroom Handouts	Remark
1.	Large Covalent Structures	✓	✓	Text book Power points Work Sheets Class Tests	Content might change because of time constraints.
2.	Metallic Bonding	✓	✓		
3.	Names and Formulas of Compounds	✓	✓		
4.	Equations for Chemical Reactions	✓	✓		
5.	The masses of Atoms, Molecules, and Ions	✓	✓		
6.	The Mole and Avogadro's Number	✓	✓		
7.	Stoichiometry Equation Calculations	✓	✓		
8.	Reactions Involving Chemical Gas	✓	✓		
9.	Concentration of a Solution	✓	✓		

Subject: Foundation Earth, Stars and the Universe Code: ST30104 Class: EP M4/1&2 Teacher's Name: Nicholas Crook

Contents	Formative 2	Summative Test	Classroom Handouts	Remark
1. Plate Tectonics. <ul style="list-style-type: none"> • Evidences. • Plate boundaries. 	√	√	Schoology, zoom meeting room, Discussions, movies, worksheets, poster presentations, power point presentations, labs, animations, and quizzes.	Content might change because of time constraints.
2. Volcanoes. <ul style="list-style-type: none"> • Types. • Risks. 	√	√		
3. Earthquakes. <ul style="list-style-type: none"> • Process. • Levels. • Risks. 	√	√		
4. Atmosphere. <ul style="list-style-type: none"> • Energy. • Circulation. 	√	√		
5. Earth's rotation.				
6. Oceans. <ul style="list-style-type: none"> • Circulation. 				
7. Weather & climate change.				

Formative 2: - Quizzes. - Worksheets. - Poster assignments. - Discussions. - Labs. - Scientific Investigations.

Subject: Foundation Biology

Code: ST30103

Class: EP M4/1 and 4/2

Teacher's Name: Zak Callaway

Content	Formative 2	Final Exam	Classroom Handouts	Remarks
Unit 7: Immune System, Bacteria, Viruses, and Other Pathogens <ul style="list-style-type: none">• Infectious Agents• Bacterial infections and vaccinations• Viral infections and vaccinations• Herd immunity• Immune System<ul style="list-style-type: none">• 1st line of defence• 2nd line of defence• 3rd line of defence• Allergy	√	√	Power point presentations, Google Classroom Meetings, In-class discussions, lesson reviews, labs, videos, animations, and quizzes.	
Unit 8: Population Ecology <ul style="list-style-type: none">• Population structure• Population dispersion• Human population growth• Demographic transition• Limits to growth<ul style="list-style-type: none">• density-dependent factors• density-independent factors• Carrying capacity• Population pyramids	√	√		

Formative 2: Review Questions, Worksheets, Discussions, Lab, Scientific Investigations

Subject: Foundation English Code: EN30101 Class: EP M4/1-2 Teacher: Jonas Godson

Final Exam Contents		Formative 2	Classroom Handouts	Remark
Multiple Choice	- Vocabulary covered in Units 3 - 5 of the Prepare textbook. (all pages in Schoology also) - Using the past simple with the present perfect tense - Choosing the correct part of speech (nouns, verbs, and adjectives) - Identifying the components of an <u>introduction</u> and <u>conclusion</u> paragraph in a reading piece. - Using parallel structures Writing a Process Essay (Unit 4)	All	Material uploaded to Schoology Textbooks A PowerPoint presentation with material to revise for the exam will be provided the week before the exam.	
Reading				
Writing				

Subject: English Reading Writing 1 Code: EN30201 Class: EP M4 1-2 Teacher: Jonathan Phillips

Final Test Content		Formative 2	Classroom Handouts	Remark
Multiple Choice	Advantage and disadvantage: Nouns Locations on maps Vocabulary: Verbs of change Changes in maps: Synonyms Describing change: Passive and active voice Vocabulary: Sherlock Holmes	All	Material uploaded to Schoology Zoom Lesson Recordings IELTS Introduction Student's Book A PDF File with material to revise for the exam will be provided the week before the exam.	
Reading	Vocabulary IELTS Reading Questions			
Writing	IELTS Writing Task 1			

ท30101 ภาษาไทยพื้นฐาน 1

1. นิทานเวตาล
2. นิราศนรินทร์
3. การใช้คำ

ส30101 สังคมศึกษา ศาสนา และวัฒนธรรมพื้นฐาน 1

1. การพัฒนาศรัทธาและปัญญาทางพระพุทธศาสนา
2. หลักการของพระพุทธศาสนากับหลักวิทยาศาสตร์
3. พระไตรปิฎก
 - พระไตรปิฎกและการเผยแพร่พระไตรปิฎกในประเทศไทย
4. กฎหมายในชีวิตประจำวัน
 - กฎหมายแพ่ง
 - กฎหมายอาญา
 - กฎหมายอื่น และข้อตกลงระหว่างประเทศ
5. ความหมาย ความสำคัญ แนวคิด และหลักการสิทธิมนุษยชน
 - ปัญหาสิทธิมนุษยชนในประเทศและแนวทางแก้ปัญหาและพัฒนา

ส30107 ประวัติศาสตร์ 1

อาณาจักรอยุธยา

1. ปัจจัยในการสถาปนาและความเจริญรุ่งเรืองของอาณาจักรอยุธยา
2. รูปแบบการเมืองการปกครองของอาณาจักรอยุธยา
3. ลักษณะเศรษฐกิจ/สังคม/ภูมิปัญญาและวัฒนธรรมของอาณาจักรอยุธยา
4. สาเหตุการเสียกรุงศรีอยุธยาครั้งที่1 และครั้งที่ 2
5. ศิลปกรรมในสมัยอยุธยา