

**Final Exam Contents Form: Semester 1 / 2023**

**Subject: Foundation Mathematics 3    Code: MA30103    Class: EP M5/1-2    Teacher's Name: Keerthi Prabhakar**

<b>Contents</b>	<b>Formative 2</b>	<b>Final Exam</b>	<b>Written Answers</b>	<b>Classroom Handouts</b>	<b>Remark</b>
1. Experimental Probability	✓	✓	✓	Class notes and Worksheets	Content might change because of time constraints.
2. Sample space	✓	✓	✓		
3. Theoretical Probability	✓	✓	✓		
4. Compound events	✓	✓	✓		
5. Tree diagrams	✓	✓	✓		
6. Laws of Probability	✓				
7. Conditional Probability	✓				
8. Probability from Venn diagrams	✓				

Formative 2: - Quizzes - Worksheets - Tests

**Subject: Universal Mathematics 3    Code: MA30215    Class EP M5/1-2    Teacher's Name: Shiv Kumar**

Contents	Formative 2	Final Exam	Written Answers	Classroom Handouts	Remark
1. Unit triangle and finding the value of sine, cosine and tangent using unit triangle	✓	✓	✓	<b>Text book</b> (Haese Mathematics 3 <sup>rd</sup> edition)  (Class Worksheets +Handouts)	Content might change because of time constraints.
2. Trigonometric identity proof	✓	✓	✓		
3. Values of sine and cosine functions	✓	✓	✓		
4. Sine and cosine functions	✓	✓	✓		
5. Graphs of trigonometric functions	✓	✓	✓		
6. Trigonometric functions of sums and differences	✓	✓	✓		
7. Sine and cosine rules	✓	✓	✓		
8. Vectors	✓	✓	✓		
9. Vector's arithmetic operations	✓	✓	✓		

**Subject: M5 Foundation Health Studies and Physical Education    Code: HP30103    Class EP M5/1-2    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. Futsal Rules	✓	✓		
3. Disease Prevention	✓	✓		
4. Physical Fitness	✓	✓		
5. MOE Fitness Tests	✓	✓		

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

**Subject: FOUNDATION EN30103 Class EP M5/1-2 Teacher's Name: Steven Raine**

<b>Final Exam content</b>		<b>Formative 2</b>	<b>Writing</b>	<b>Classroom Handouts</b>	<b>Remark</b>
multiple-choice	Redundancy misplaced modifiers misplaced modifiers misplaced modifiers Pronoun antecedents Pronoun antecedents	✓		CLASSROOM PRACTICE QUIZZES,  AUTHENTIC EXAM QUESTIONS  SAT TEST  ST, GABRIEL'S WORKBOOK (GRAMMAR).	
Reading Questions IELTS Matching questions	IELTS READING	✓		IELTS READING BOOK	
Writing Questions- long and short	Opinion	✓	✓	IELTS WRITING BOOK & WORKSHEETS	

**Subject: READING & WRITING EN30203 Class EP M5/1 Teacher's Name: Steven Raine**

	<b>Final Exam content</b>	<b>Formative 2</b>	<b>Writing</b>	<b>Classroom Handouts</b>	<b>Remark</b>
multiple-choice	One question: SAT Sentence placement question Two questions: Odd one out Three questions SAT	✓		CLASSROOM PRACTICE QUIZZES,  AUTHENTIC EXAM QUESTIONS  SAT TEST  ST, GABRIEL'S WORKBOOK (GRAMMAR).	
Reading Questions	<b>IELTS: MATCHING HEADINGS TO PARAGRAPHS</b> SAT READING PASSAGE WITH COMPREHENSION	✓		IELTS WRITING BOOK & WORKSHEETS	
Two long and short writing tasks	<b>Writing</b>	✓	✓	NOTEBOOK	

**Subject: Occupational Works 2**

**Code: OC30105**

**Class EP M 5/1 & 5/2**

**Teacher's Name: Dr. Hermann**

<b>Contents</b>	<b>Formative 2</b>	<b>Final Exam</b>	<b>Classroom Handouts</b>	<b>Remark</b>
<b>1. Unit 2 Business Intro</b>	✓	✓	Textbook	The content might change because of time constraints. A special Summative Test for online because of the lockdown during the COVID-19 pandemic
Definition and importance	✓	✓	Schoology.com	
Legal Forms	✓	✓	PowerPoint	
Finance & Accounting	✓	✓	Presentations	
Marketing	✓	✓	Class Participation	
Character & Ethics	✓	✓	In-Class Assignments Homework	
<b>Formative:</b> In class Assignments Quizzes Homework				The Summative Test will take place during our normal class period prior to the Final week. The date announced on Schoology

**Subject: Data Analytics Technology: ST30106 Class EP M5 Teacher's Name: Dave Thomas**

<b>Contents</b>	<b>Formative</b>	<b>Final Project</b>	<b>Classroom Handouts</b>	<b>Remark</b>
1. Python- Selection and repetition	✓	✓	Worksheets, Online PDFs	Content might change because of time constraints.
2. Python- String manipulation	✓	✓		
3. Python- Input-Output	✓	✓		
4. Repetition and selection-python	✓	✓		

Formative 2: - Worksheets - Class participation - Quiz

**Subject: Computer for Graphics: ST30274 Class EP M4 & M5 Teacher's Name: Matt Harris**

Contents	Formative	Writing part	Classroom Handouts	Remark
1. Introduction to Photoshop	✓	✓	PowerPoint Presentations Class Participation In-Class Assignments Online PDFs	Content might change because of time constraints.
2. Photo manipulation/ Digital art/ Pop-art	✓	✓		
3. Introduction to Illustrator	✓	✓		
4. Line art/ Character art & design	✓	✓		

**Subject: Periodic Motion and Static Electricity ST30202 Class EP: M5/1 Teacher's Name: Glenn Thomas**

Contents	Formative 2	Final (Multiple choice)	Final (Written Section)	Classroom Handouts	Remark
<b>1. Electric fields</b> - Uniform fields - Radial fields - Coulomb's law - Millikan's oil drop experiment - Charges in an electric field	✓	✓	✓	Worksheets, Notebooks, workbook work.	Content might change because of time constraints.
<b>2. Capacitors</b> - Energy stored on a charged capacitor - Capacitance - Connecting capacitors in series and parallel - Discharging and charging capacitors.	✓	✓	✓		

Formative 2: - Projects - Labs - Class participation -Online Quizzes -Worksheets

**Subject: Universal Chemistry 2**

**Code: ST30232**

**Class EP M5/1 Teacher's Name: Anumol Sunny**

	<b>Contents</b>	<b>Formative 2</b>	<b>Final Exam Questions</b>	<b>Classroom Handouts</b>	<b>Remark</b>
1	The Nature of Bonding	√	√	Worksheets, Power Points, Related videos	Content might change because of time constraints.
2	Covalent Bonding	√	√		
3	Metallic Bonding	√	√		
4	Bonding and Physical Properties	√	√		
5	The shapes of molecules and ions	√	√		
6	Electronegativity	√	√		
7	Forces acting between molecules	√	√		
8	Electrochemical cells	√	√		
9	Electrochemical series	√	√		

Formative: - Class Tests, Assignments, Class participation, Lab

**Subject: Animal Physiology**

**Code: ST30247**

**Class: EP M5/1(H)**

**Teacher's Name: Nicholas Crook**

<b>Contents</b>	<b>Formative 2</b>	<b>Summative Test</b>	<b>Classroom Handouts</b>	<b>Remark</b>
1. Reproduction. <ul style="list-style-type: none"><li>• Asexual/sexual.</li><li>• Gametogenesis.</li><li>• Human reproduction.</li><li>• Birth control.</li></ul>	√	√	Schoology, zoom meeting room, discussions, movies, worksheets, poster presentations, power point presentations, labs, animations, and quizzes.	Content might change because of time constraints.
2. Growth. <ul style="list-style-type: none"><li>• Organisms (general).</li><li>• Animals (general).</li><li>• Humans.</li><li>• Plants.</li></ul>	√	√		

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

วิชา ภาษาไทยพื้นฐาน 3 (ท30103)

1. โคลนดีดล้อ ตอน ความนิยมเป็นเสมือน
2. การเขียนเชิงวิชาการ
3. การกรอกแบบฟอร์ม
4. การเขียนประกาศ



## วิชา สังคมศึกษา ศาสนา และวัฒนธรรม พื้นฐาน 3 (ส30103)

### 1. ภูมิศาสตร์มนุษย์

- ภูมิศาสตร์ผังเมือง (ทฤษฎีผังเมือง, ผังเมืองที่สวยงามของโลก)
- ภูมิศาสตร์ประชากร      ● ภูมิศาสตร์ท่องเที่ยว
- ภูมิศาสตร์เศรษฐกิจ      ● ภูมิศาสตร์การขนส่ง
- ภูมิศาสตร์ตั้งถิ่นฐาน

### 2. ภูมิศาสตร์เทคนิค

- แผนที่      ● GIS, ภาพถ่ายดาวเทียม
- GPS, RS, ภาพถ่ายทางอากาศ      ● เส้นชั้นความสูง

## วิชา ประวัติศาสตร์ 3 (ส30109)

### หน่วยการเรียนรู้ที่ 4

#### พัฒนาการของยุโรปสมัยกลาง

1. เหตุการณ์สำคัญในยุโรปสมัยกลาง
2. อารยธรรมสมัยกลาง

### หน่วยการเรียนรู้ที่ 5

#### พัฒนาการของยุโรปสมัยใหม่

1. การขยายอิทธิพลของชาติตะวันตก ยุคสำรวจทางทะเล
2. การฟื้นฟูศิลปวิทยา (Renaissance)
3. การปฏิรูปศาสนา
4. กำเนิดรัฐชาติ
5. การปฏิวัติทางวิทยาศาสตร์และการปฏิวัติอุตสาหกรรม
6. ยุคภูมิธรรมและแนวคิดประชาธิปไตย
7. ศิลปวัฒนธรรมสมัยใหม่