

Final Exam Contents Form: Semester 2 / 2025

Subject: Foundation Mathematics Code: MA30104 Class: EP M5/1-2 Teacher's Name: Keerthi Prabhakar

Contents	Formative 2	Final Examination	Classroom Handouts	Remark
1. Outliers	✓	✓	Worksheets given in class	
2. Standard Deviation of grouped data	✓	✓		
3. Normal Distribution	✓	✓		
4. Correlation	✓	✓		
5. Pearson's Correlation Coefficient	✓	✓		

Subject: Universal Mathematics 4 Code: MA30216 Class EP M5/1-2 Teacher's Name: Shiv Kumar

Contents	Formative 2	Written Answers	Classroom Handouts	Remark
Counting rules and factorial	✓	✓	Text book (Haese Mathematics 3 rd edition) (Class Worksheets +Handouts)	Content might change because of time constraints.
Permutation formula and word problems on permutation	✓			
Combination formula and word problems on combination	✓	✓		
Binomial expansion theorem	✓	✓		
Binomial experiment and its properties	✓			
Word problems based on binomial experiments	✓	✓		
Mean, variance and standard deviation formula of binomial.	✓	✓		
Binomial distribution	✓	✓		
Complex Number (SAT)	✓			

Formative 2: - Quizzes - Worksheets - Tests

Subject: Foundation English 4 Code: EN30104 Class EP-M5/1-2 Teacher's Name: Mr. Christopher Reese

Contents	Formative 2	Multiple Choice	Written Answers	Classroom Handouts	Remark
Vocabulary: adverb-adjective collocations	✓	✓			<i>All material tested can be found in the assignments posted to Google Classroom. Additional revision materials (e.g. Quizlet sets / grammar summaries) will also be posted to Google Classroom.</i>
Vocabulary: collocations related to education	✓	✓			
Grammar: Relative Clauses (defining / non-defining, inversion of preposition for formal writing)	✓		✓		
Writing: Short response (questions related to education / conservation)	✓		✓		

Formative 2: Formative score is calculated from assignments posted to Google Classroom which are due for completion during the second half of the semester.

Subject: Reading and Writing 4 Code: EN30204 Class EP-M5/1-2 Teacher's Name: Mr. Christopher Reese

Contents	Formative 2	Multiple Choice	Written Answers	Classroom Handouts	Remark
1. Grammar: 1/2/0 conditionals and alternatives to “if”	✓	✓		<p><i>All material tested can be found in the assignments posted to Google Classroom. Additional revision materials (e.g. Quizlet sets / grammar summaries) will also be posted to Google Classroom.</i></p>	<p>Contents might change because of time constraints.</p>
2. Vocabulary: collocations about finance	✓	✓			
3. Reading: Matching Information	✓	✓			
4. Register / Vocabulary: Using appropriate register / formality	✓		✓		
5. Writing: Writing a formal letter	✓		✓		

Formative 2 : Formative score is calculated from assignments posted to Google Classroom which are due for completion during the second half of the semester.

Subject: ST30107 Class EP M5 Teacher's Name: Dave Thomas

Contents	Formative 2	Final Project	Classroom Handouts	Remark
PowerPoint- Formatting images/ video	✓	✓	Worksheets, Online PDFs	Content might change because of time constraints.
PowerPoint- Formatting text	✓	✓		
PowerPoint-presenting and representing information, graphs, charts, tables and diagrams	✓	✓		
PowerPoint- Presentation skills, public speaking	✓	✓		
Alternatives to PowerPoint compare and contrast	✓	✓		

Formative 2: - Worksheets - Class participation - Quiz

Subject: Universal Physics Code: ST30203 Electricity and magnets Class: EP M5/2 Teacher's Name: Glenn Thomas

Contents	Formative 2	Mid - Term	Classroom Handouts	Remark
Unit 2: Electromagnetic effects <ul style="list-style-type: none"> • Magnetic fields, magnetic flux, magnetic flux density, and flux linkage • DC motors, motor effect, and Fleming's left hand rule • Magnetic forces on wires and charges, mass spectrometers, and circular motion in a magnetic field. • Electromagnetic induction, AC generators, calculating induced e.m.f.'s, and Fleming's right hand rule. • Transformer types, transmission of power, national grid, and uses of transformers. 	✓	✓	Google classroom, teams meeting room, Discussions, movies, worksheets, poster presentations, power point presentations, labs, animations, and quizzes.	Content might change because of time constraints.

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

Subject: Universal Chemistry

Code: ST30233

Class EP-M5 / 1-2

Teacher's Name: Cherise Nieuwoudt

Contents	Formative 2	Multiple Choice	Written Answers	Classroom Handouts	Remark
1. Structure of Water & Polarity (bent shape, electronegativity, partial charges)	✓	✓	✓		<i>Worksheets based on Chemistry Textbook. Class lectures. Bloklet on topics. Labs.</i> Contents might change because of time constraints.
2. Hydrogen Bonding in Water	✓	✓	✓		
3. Cohesion & Surface Tension	✓	✓	✓		
4. Structure of Ice & Density	✓	✓	✓		
5. Solutions (solute, solvent, homogeneous mixture)	✓	✓	✓		
6. Solubility & "Like Dissolves Like"	✓	✓	✓		
7. Electrolytes & Conductivity	✓	✓	✓		
8. Dissociation of Ionic Compounds	✓	✓	✓		
9. Hydration of Ions in Water	✓		✓		
10. Factors Affecting Rate of Dissolving (temperature, stirring, particle size)	✓	✓	✓		
11. Types of Mixtures (Solutions, Suspensions, Colloids)	✓	✓	✓		
12. Tyndall Effect	✓	✓	✓		

Formative: Completion of Chemistry Worksheets, quizzes, assignments (posters, presentations), labs, and CK-12 lessons for review.

Subject: Foundation Occupational Works Code: OC30106 Class EP M 5/1 and 5/2 Teacher's Name: Dr. Hermann Gruenwald

Contents	Formative 2	Final Exam	Classroom Handouts	Remark
1. Apply concepts and principles to effectively manage an organization or the information services organization age	✓	✓		
2. Explain the principles of operations, policymaking, and planning for running organizations or the information services organizations age	✓	✓		
3. Present how to work and put them into practice in the areas of document management, finance, office supplies, building, and maintenance.	✓	✓		
4. Know the principles of quality assurance and evaluate the organizations or information services organizations with morality and ethics.	✓	✓	Google Classroom PowerPoint Presentations Class Participation In-Class Assignments Homework Material on Google Classroom	The content might change due to time constraints. This is a closed-book exam No phone, iPad or other mobile device allowed during the exam

Subject: Plant Physiology Code: ST30248

Class EP M5/2H

Teacher's Name: Nicholas Crook

Contents	Formative 2	End-term	Classroom Handouts	Remark
Plant Photosynthesis	✓	✓	Worksheets, Notebook work, Power point presentations, Discussions, Labs, Participation exercises.	Content might change because of time constraints.
Reproduction in Flowering Plants	✓	✓		
Fruits & Seeds of Flowering Plants	✓	✓		
Control of Plant Growth	✓	✓		
Plant Responses	✓	✓		

วิชา ภาษาไทยพื้นฐาน 4 (ท30104)

- มัทนะพาณ
- การพูดต่อประชุมชน
- การแนะนำตัวเอง

วิชา สังคมศึกษา ศาสนา และวัฒนธรรมพื้นฐาน 4 (ส30104)

-ระบบเศรษฐกิจ -ดัชนีชี้วัดเศรษฐกิจ -วิกฤตการณ์ทางเศรษฐกิจ -องค์กรเศรษฐกิจระหว่างประเทศ

วิชา ประวัติศาสตร์ 4 (ส30110)

หน่วยการเรียนรู้ที่ 7 ความขัดแย้งและการปราบโยชน์ระหว่างประเทศ

- วิเคราะห์เหตุการณ์สำคัญๆ ที่มีผลต่อการเปลี่ยนแปลงทางสังคม เศรษฐกิจ และการเมืองเข้าสู่โลกสมัยปัจจุบัน

หน่วยการเรียนรู้ที่ 8 เหตุการณ์สำคัญของโลก ในศตวรรษที่ 21

- เหตุการณ์ 11 กันยายน 2001 - การก่อการร้ายต่างๆ - เศรษฐกิจและสังคมในคริสต์ศวรรษที่