

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>	Contents might change because of time constraints.
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”	✓	✓		<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>	Contents might change because of time constraints.
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)	✓	✓	✓	Worksheets based on Chemistry Textbook. Class lectures. Blooket on topics. Labs.	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	✓	✓	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
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.	✓	✓		

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)

1. มัทนะพาธา
2. การพูดต่อประมุขชน
3. การแนะนำตนเอง

วิชา สังคมศึกษา ศาสนา และวัฒนธรรมพื้นฐาน 4 (ส30104)

-ระบบเศรษฐกิจ -ดัชนีชี้วัดเศรษฐกิจ -วิกฤตการณ์ทางเศรษฐกิจ -องค์กรเศรษฐกิจระหว่างประเทศ

วิชา ประวัติศาสตร์ 4 (ส30110)

หน่วยการเรียนรู้ที่ 7 ความขัดแย้งและการประสานประโยชน์ระหว่างประเทศ

- วิเคราะห์เหตุการณ์สำคัญๆ ที่มีผลต่อการเปลี่ยนแปลงทางสังคม เศรษฐกิจ และการเมืองเข้าสู่โลกสมัยปัจจุบัน

หน่วยการเรียนรู้ที่ 8 เหตุการณ์สำคัญของโลก ในศตวรรษที่ 21

- เหตุการณ์ 11 กันยายน 2001 - การก่อการร้ายต่างๆ - เศรษฐกิจและสังคมในคริสต์ศตวรรษที่