

Final Exam and syllabi Contents Form: Semester 1 / 2024

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. Intersection between parabola and line.	✓	✓	✓		
10. Exponents and properties	✓	✓	✓		

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 5, 12, 13 of the Prepare textbook.	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	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.			
Writing	- Using parallel structures Writing a Process Essay (Unit 12)			

Subject: English for Academic Achievement

Code: EN30207

Class: EP M4/2B

Teacher: Jonas Godson

Final Exam Contents		Formative 2	Classroom Handouts	Remark
Multiple Choice	– Business English vocabulary covered in the lessons on Marketing (4 Ps), Economic systems, and general business terms and phrases – Present tenses for future – will & (be) going to – “will be doing” & “will have done”	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	Identifying the characteristics of a marketing plan Describing different economic systems and giving their opinion on what is best for Thailand with examples			

Subject: Universal Mathematics 1 Code: MA30213 Class: EP M4/1-2 Teacher's Name: Mr. Chris Won

Contents	Formative 2	Final exam	Classroom Handouts	Remark
1. Propositional logic	✓	✓	MyOpenMath assignments, Course reader on Google Classroom, In-class notes	Content might change because of time constraints.
2. Logical operators	✓	✓		
3. Symbolic representation of propositions and logical operators	✓	✓		
4. Material implication and the variants (e.g. conversion, inversion, contraposition, logical equivalence, vacuous truths)	✓	✓		
5. Predicate logic	✓	✓		
6. Logical quantifiers	✓	✓		
7. Negation vs. duality of logical quantification	✓	✓		
8. Truth tables	✓	✓		
9. De Morgan's law and its proof	✓	✓		
10. Tautology	✓	✓		
11. Introduction to mathematical proofs	✓	✓		

- Formative 2:
- Quizzes
 - Google Classroom work
 - MyOpenMath work

Subject: Foundation Physics Code: ST30101 Class: EP M4/1 & M4/2 Teacher's Name: Mr. Steven Kuhn

Contents		Formative 2	Final	Classroom Handouts	Remark
1.	Four Fundamental Forces	✓	✓	Textbook Powerpoints Worksheets Quizzes/Tests	Content might change because of time constraints.
2.	Types of waves	✓	✓		
3.	Reading graphs of waves	✓	✓		
4.	Doppler Effect	✓	✓		
5.	Superposition and Standing Waves	✓	✓		
6.	Properties of sound waves	✓	✓		
7.	Electromagnetic Spectrum	✓	✓		
8.	Properties of visible light	✓	✓		

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

Contents		Formative 2	Final	Classroom Handouts	Remark
1.	Concentration of Solutions	✓	✓	Text book Power points Work Sheets Class Tests	Content might change because of time constraints.
2.	Percent Yield	✓	✓		
3.	Redox Reactions	✓	✓		
4.	Galvanic Cells and Batteries	✓	✓		
5.	Electrolysis	✓	✓		
6.	Acids, Bases, and Salts	✓	✓		
7.	The Rate of Reaction	✓	✓		

Subject: Occupational Works

Code: OC30104

Class EP M 4/2 B

Teacher's Name: Dr. Hermann

Contents	Formative 2	Final Exam Project	Classroom Handouts	Remark
1. Unit 1	✓	✓	Google Classroom PowerPoint Presentations Class Participation In-Class Assignments Homework	The content might change because of time constraints. A special Final Exam project announced on Google Classroom is due before the final exam week
Electrical Works	✓	✓		
Flashlight	✓	✓		
Wiring	✓	✓		
Circuits	✓	✓		
Principles/Theory	✓	✓		
Materials and Tools	✓	✓		
		PowerPoint presentation Create a ppt of your homemade flashlight project include the following slides 1. Student name and number 2. Selfie 3. Materials used 4. Tools used 5. Sketch of flashlight design and components 6. Work in progress 7. Finished project 8. What have you learned by doing this project?		
		Actual Flashlight to be submitted		
Formative	Home works	In-Class Assignments		

Contents	Formative 2	Final Exam Project	Classroom Handouts	Remark
1. Unit 1 Business Plan	✓	✓	Materials posted on Google Classroom	
Business Concept	✓	✓		
Legal Forms of Business	✓	✓		
Product and Service Business	✓	✓		
Marketing Plan	✓	✓		
SWOT Analysis	✓	✓		
Formative: In class Assignments Homework		Perform a SWOT analysis For the electric car industry in Thailand Describe: Strength Weakness Opportunities Threats Minimum 4 pages times roman 12 point double spaced		The final exam project details are shown on google classroom and is to be submitted on Google classroom on the due date which is prior to the start of the final exam week

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

Contents	Formative	Final	Writing part	Classroom Handouts	Remark
1. Introduction to Illustrator	✓		✓	PowerPoint Presentations	Content might change because of time constraints.
2. Workspace & layout	✓		✓	Class Participation	
3. Pen/ Shape tools & layers	✓		✓	In-Class Assignments	
4. Copying/ tracing artwork	✓		✓	Online PDFs	
5. Character Creation	✓		✓		

Subject: Multimedia for Creation: ST30275 Class EP M4 Teacher's Name: Matt Harris

Contents	Formative	Final	Writing part	Classroom Handouts	Remark
1. Introduction to Premiere Pro	✓		✓	PowerPoint Presentations	Content might change because of time constraints.
2. Introduction to After Effects	✓		✓	Class Participation	
3. Workspace & interface	✓		✓	In-Class Assignments	
4. Layers & basic effects	✓		✓	Online PDFs	
5. Key framing	✓		✓		

ท30101 ภาษาไทยพื้นฐาน 1

1. นิราศนรินทร์คำโคลง
2. คำและความหมาย
3. การใช้สำนวนไทย
4. การใช้คำพุ่มเพื่อยและกำกวม
5. การใช้สำนวนต่างประเทศ

ส30101 สังคมศึกษา ศาสนา และวัฒนธรรมพื้นฐาน1

1. หลักการของพระพุทธศาสนากับหลักวิทยาศาสตร์
2. พระไตรปิฎก
 - พระไตรปิฎกและการเผยแผ่พระไตรปิฎกในประเทศไทย
3. กฎหมายในชีวิตประจำวัน
 - กฎหมายแพ่ง
 - กฎหมายอาญา
 - กฎหมายอื่น
4. ความหมาย ความสำคัญ แนวคิด และหลักการสิทธิมนุษยชน
 - ปัญหาสิทธิมนุษยชนในประเทศและแนวทางแก้ปัญหาและพัฒนา

ส30107 ประวัติศาสตร์ 1

อาณาจักรอยุธยาและอาณาจักรธนบุรี

1. ปัจจัยในการสถาปนาและความเจริญรุ่งเรืองของอาณาจักรอยุธยา
2. รูปแบบการเมืองการปกครอง ของอาณาจักรอยุธยา
3. ลักษณะเศรษฐกิจ/สังคม/ภูมิปัญญา และวัฒนธรรมของอาณาจักรอยุธยา- อาณาจักรธนบุรี
4. สาเหตุการเสียกรุงศรีอยุธยาครั้งที่ 1 และครั้งที่ 2
5. ปัจจัยในการสถาปนาอาณาจักรอยุธยา และอาณาจักรธนบุรี
6. การเมืองการปกครองของอาณาจักรอยุธยา และอาณาจักรธนบุรี
7. การเสื่อมอำนาจของอาณาจักรธนบุรี
8. ศิลปกรรมในสมัยอยุธยา และสมัยธนบุรี