



MA23102 Foundation Mathematics 6

Teacher	Ms. Mabelle Wong
Contact	EP Teacher Room, 2 nd Floor Colombet Bldg.
Class Time	EP-M3/1: Mon, period 3; Wed, period 3; Thurs, period 2 EP-M3/2: Tues, period 4; Wed, period 4; Thurs, period 1 EP-M3/3: Wed, Period 6; Thurs, period 5; Fri, period 2
Credits	1.5

Course Description

This foundation mathematics course focuses on the topics of inequality, quadratic equations, factoring polynomials, trigonometric ratios and circle theorems. This course enables students to learn and use mathematical skills and processes which include problem-solving, reasoning, communications, mathematical implication and presentation, mathematical connections, and creative thinking. Students are encouraged to have responsibility, discipline, self-confidence, and positive attitudes toward mathematics. The course closely follows the content of the Thai syllabus while also exposes students to questions and word problems from an international syllabus.

Textbook

IGCSE Cambridge International Mathematics Extended 2nd edition (Haese and Harris Publications)

Course Outline & Objectives

Learning Units	Chapters from Haese and Harris textbook
1. Inequality (Indicator MA1.3 S.3/1) 1. Linear inequality in one variable 2. Solving linear inequality in one variable 3. Problems about linear inequality in one variable	Chapter 35: Inequalities p. 613-617
2. Quadratic equations (Indicators MA1.2 S.3/2, MA1.3 S.3/2) 1. Quadratic equation with one variable 2. Solving quadratic equation with one variable 3. Solving word problems on quadratic equation with one variable	Chapter 23: Quadratic Equations p. 375-387
3. Factoring polynomials (Indicator MA1.2 S.3/1) 1. Factoring cubic equations/third degree polynomials 2. Factor theorem 3. Remainder theorem 4. Synthetic division	Not covered in the textbook Use teacher's notes
4. Trigonometric ratio (Indicator MA2.2 S.3/2) 1. Trigonometric ratio	Chapter 22: Trigonometry p. 351-365



2. Trigonometric ratios of 30, 45, and 60 degrees 3. Application	
5. Circle (Indicator MA2.2 S.3/3) 1. Parts of a circle 2. Properties of angles in a circle 3. Properties of chords in a circle 4. Properties about tangent lines to circles 5. Properties of the rectangle inscribed in a circle	Chapter 31: Circle Geometry p. 523-547

Resources

- A4 plastic portfolio (to keep all student work and handouts)
- A4 lined paper or notebook
- A4 graph paper
- Ruler
- Writing supplies

Academic Integrity Policy

Students are expected to adhere to the Assumption College student handbook. There is to be no plagiarism, no copying, and no cheating of any kind. These and any other acts of academic dishonesty lower the quality of the education and will not be tolerated. Students involved in any form of academic dishonesty, including any student supplying or allowing the copying to take place, will receive a zero.

Plagiarism is the act of taking someone else's work or ideas and passing them off as one's own work or ideas. Examples of plagiarism include the failure to give appropriate acknowledgement when repeating another's idea, phrase, sentence or paragraph, or failure to give appropriate acknowledgement when paraphrasing any of those.

Behavioral Expectations

Students are expected to respect themselves, their classmates, the teacher, and the facilities. Students must accept responsibility for themselves and their actions. Students must speak English in class. Students are expected to be ready at the start of every class (notebooks, textbook, scientific calculator, writing utensils, etc.) and to actively participate throughout the lesson until class is dismissed.

Behaviour is monitored every class. At the end of the semester the points are accumulated and used for the student's behaviour score (10%).

Furthermore, all Thai students are expected to embrace the following *desired characteristics*:

- | | |
|--|--|
| • Love for the country and the King, faith in religion | • Have a sense of public consciousness |
| • Possess discipline | • Eager to learn |
| • Be self-sufficient | • Dedicated to work |
| • Be honest and upright | • Be an AC gentleman |



- Proud to be Thai

Attendance & Tardiness

Attendance will be taken at the start of every class. Students are expected to be in class on-time, every time. Unexcused absences or tardiness will not be tolerated. In the case of planned absences, please notify the teacher as far in advance as possible. Students are expected to catch up on all missed work outside of class time.

Assignments & Projects

An assessment item must be submitted on or before the due date. **An assessment item submitted later than the due date, without an extension from the teacher, will be subject to a penalty (deduction of marks).** Late homework may be completed and submitted to qualify towards eligibility for exams. At the end of the semester, if the students have not completed a sufficient number of homework assignments to pass this aspect of the course, additional work will be set for them.

Grading

This course adheres to the Assumption College grading scale:

$Final\ Score \geq 80\%$	4.0
$75\% \leq Final\ Score < 80\%$	3.5
$70\% \leq Final\ Score < 75\%$	3.0
$65\% \leq Final\ Score < 70\%$	2.5
$60\% \leq Final\ Score < 65\%$	2.0
$55\% \leq Final\ Score < 60\%$	1.5
$50\% \leq Final\ Score < 55\%$	1.0
$Final\ Score < 50\%$	0.0

Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

Formative (Tests, MS Quizzes, Assignments, and Projects)	50%
Behaviour	10% (program mandated)
Midterm Exam	20% (program mandated)
Final Exam	20% (program mandated)

Recommendations for Success

Mathematics can be difficult for many students. All students are encouraged to do the following:

1. Read the course textbook. You may need to read the material multiple times to understand. By reading along at home with the lessons taught at school (typically



THE ENGLISH PROGRAM AT ASSUMPTION COLLEGE
Course Syllabus – Semester 2/2023

only a few pages per night), students will be able to responsibly manage the material and gain the most from the course.

2. Complete all forms of assessment and submit all homework and assignments.
3. Search online, in either Thai or English, if you don't understand a topic discussed in class or simply to get a better understanding of the topic.
4. Do not copy the work of your classmate's work; try to struggle through on your own. This will help you learn.
5. Come see the teacher outside of class time for assistance.
6. Do more than just the bare minimum; do the additional problems in the textbook and the review questions at the end of the chapter and check your answers.
7. Study the notes and vocabulary at least a few minutes every day.



MA20206 Universal Mathematics 6

Teacher Mr. Steven Kuhn
Contact EP Teacher Room, 2nd Floor Colombet Bldg.
Class Time EP-M3/1: Wed, period 5; Thurs, period 3
 EP-M3/2: Mon, period 7; Tue, period 2
 EP-M3/3: Thurs, period 2; Fri, period 4
Credits 1.0

Course Description

Study foundation mathematics on the topics of Algebraic Manipulation and Formulae, Trigonometry Height and distance, Geometrical properties of Circles. Use mathematical skills and processes which are problem-solving, reasoning, mathematical communication and implication, presentation, mathematical knowledge linking, and creativity with responsibility, disciplines, systematic and accurate working, self-confidence, positive attitude towards mathematics, honesty, and effort.

Textbook

IGCSE Cambridge International Mathematics Extended 2nd edition (Haese and Harris Publications)

Course Outline & Objectives

Learning Units	Chapters from Haese and Harris textbook
1. Algebraic Manipulation and Formulae 1. Algebraic Fractions 2. Multiplication and division of Algebraic Fractions 3. Addition and Subtraction of Algebraic Fractions 4. Solving Equations involving Algebraic Fractions	Chapter 20: Algebraic Fractions p. 319-332
2. Trigonometry 1. What is trigonometry 2. Trigonometric Ratios 3. Power of Trigonometric Ratios 4. Trigonometric Ratios for Special angles 5. Trigonometric Ratios of Complementary angles	Chapter 22: Trigonometry p. 351-374
3. Height and Distance 1. Angle of elevation 2. Angle of depression	Chapter 22: Trigonometry p. 351-374



<p>4. Geometric Properties of Circles</p> <ol style="list-style-type: none"> 1. Circles 2. Properties of chords 3. Formulae related to circles 4. Symmetrical properties of circles 5. Angles properties of circles 6. Cyclic quadrilaterals 7. Tangents 8. The Alternate Segment Theorem 	<p>Chapter 31: Circle Geometry p. 523-547</p>
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Resources

- A4 plastic portfolio
(to keep all student work and handouts)
- A4 lined paper or notebook
- A4 graph paper
- Ruler
- Writing supplies

Academic Integrity Policy

Students are expected to adhere to the Assumption College student handbook. There is to be no plagiarism, no copying, and no cheating of any kind. These and any other acts of academic dishonesty lower the quality of the education and will not be tolerated. Students involved in any form of academic dishonesty, including any student supplying or allowing the copying to take place, will receive a zero.

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Behavioral Expectations

Students are expected to respect themselves, their classmates, the teacher, and the facilities. Students must accept responsibility for themselves and their actions. Students must speak English in class. Students are expected to be ready at the start of every class (notebooks, textbook, scientific calculator, writing utensils, etc.) and to actively participate throughout the lesson until class is dismissed.

Behaviour is monitored every class. At the end of the semester the points are accumulated and used for the student's behaviour score (10%).

Furthermore, all Thai students are expected to embrace the following *desired characteristics*:

- | | |
|---|--|
| • Love for the country
and the King, faith in religion | • Have a sense of public consciousness |
| • Possess discipline | • Eager to learn |
| • Be self-sufficient | • Dedicated to work |



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- Be honest and upright
- Proud to be Thai
- Be an AC gentleman

Attendance & Tardiness

Attendance will be taken at the start of every class. Students are expected to be in class on-time, every time. Unexcused absences or tardiness will not be tolerated. In the case of planned absences, please notify the teacher as far in advance as possible. Students are expected to catch up on all missed work outside of class time.

Assignments & Projects

An assessment item must be submitted on or before the due date. **An assessment item submitted later than the due date, without an extension from the teacher, will be subject to a penalty (deduction of marks).** Late homework may be completed and submitted to qualify towards eligibility for exams. At the end of the semester, if the students have not completed a sufficient number of homework assignments to pass this aspect of the course, additional work will be set for them.

Grading

This course adheres to the Assumption College grading scale:

$Final\ Score \geq 80\%$	4.0
$75\% \leq Final\ Score < 80\%$	3.5
$70\% \leq Final\ Score < 75\%$	3.0
$65\% \leq Final\ Score < 70\%$	2.5
$60\% \leq Final\ Score < 65\%$	2.0
$55\% \leq Final\ Score < 60\%$	1.5
$50\% \leq Final\ Score < 55\%$	1.0
$Final\ Score < 50\%$	0.0

Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

Formative (Tests, MS Quizzes, Assignments, and Projects)	50%
Behaviour	10% (program mandated)
Midterm Exam	20% (program mandated)
Final Exam	20% (program mandated)

Recommendations for Success

Mathematics can be difficult for many students. All students are encouraged to do the following:

1. Read the course textbook. You may need to read the material multiple times to understand. By reading along at home with the lessons taught at school (typically only a few pages per night), students will be able to responsibly manage the material and gain the most from the course.
2. Complete all forms of assessment and submit all homework and assignments.



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3. Search online, in either Thai or English, if you don't understand a topic discussed in class or simply to get a better understanding of the topic.
4. Do not copy the work of your classmates' work; try to struggle through on your own. This will help you learn.
5. Come see the teacher outside of class time for assistance.
6. Do more than just the bare minimum; do the additional problems in the textbook and the review questions at the end of the chapter and check your answers.
7. Study the notes and vocabulary at least a few minutes every day.



MA20226 Supplemental Mathematics 6

Teacher Mr. Steven Kuhn

Contact EP Teacher Room, 2nd Floor Colombet Bldg.

Class Time EP-M3/1: Mon, period 2

EP-M3/2: Mon, period 5

EP-M3/3: Tue, period 1

Credits 0.5

Course Description

Study additional knowledge in mathematics: graph construction, solving word problems on the linear equations in one variable, linear equations in two variables, and equations in two variables of the degree not higher than two. Learners will use the mathematical process and skills including solving problems, giving reasons, communicating the mathematical meaning and presenting, connecting mathematical knowledge, and using creativity. Learners are also expected to have the following desired characteristics: love of nation, religion and king; honesty and integrity; self-discipline; avidity for learning; observance of self-sufficiency philosophy; dedication and commitment to work; cherishing Thai-ness; and public-mindedness. In addition, learners will develop 21st century learning skills in the area of arithmetic, critical thinking and solving problems.

Textbook

IGCSE Cambridge International Mathematics Extended 2nd edition (Haese and Harris Publications)

Course Outline & Objectives

Learning Units	Chapters from Haese and Harris textbook
1. Graph 1. Linear equation 2. Quadratic equation 3. Graphs and equations	Chapter 16: Straight Lines p. 245-260 Chapter 26: Polynomial Functions p. 433-456
2. Equations Word Problems 1. Solve word problems on linear equations in one variable 2. Solve word problems on systems of linear equations in two variables	Chapter 17: Simultaneous Equations p. 261-271

Resources

- A4 plastic portfolio
(to keep all student work and handouts)
- A4 lined paper or notebook
- A4 graph paper
- Ruler



- Writing supplies

Academic Integrity Policy

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Behavioral Expectations

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Behaviour is monitored every class. At the end of the semester the points are accumulated and used for the student's behaviour score (10%).

Furthermore, all Thai students are expected to embrace the following *desired characteristics*:

- Love for the country and the King, faith in religion
- Possess discipline
- Be self-sufficient
- Be honest and upright
- Proud to be Thai
- Have a sense of public consciousness
- Eager to learn
- Dedicated to work
- Be an AC gentleman

Attendance & Tardiness

Attendance will be taken at the start of every class. Students are expected to be in class on-time, every time. Unexcused absences or tardiness will not be tolerated. In the case of planned absences, please notify the teacher as far in advance as possible. Students are expected to catch up on all missed work outside of class time.

Assignments & Projects

An assessment item must be submitted on or before the due date. **An assessment item submitted later than the due date, without an extension from the teacher, will be subject to a penalty (deduction of marks).** Late homework may be completed and submitted to qualify towards eligibility for exams. At the end of the semester, if the students have not completed a sufficient number of homework assignments to pass this aspect of the course, additional work will be set for them.



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Course Syllabus – Semester 2/2023

Grading

This course adheres to the Assumption College grading scale:

$Final\ Score \geq 80\%$	4.0
$75\% \leq Final\ Score < 80\%$	3.5
$70\% \leq Final\ Score < 75\%$	3.0
$65\% \leq Final\ Score < 70\%$	2.5
$60\% \leq Final\ Score < 65\%$	2.0
$55\% \leq Final\ Score < 60\%$	1.5
$50\% \leq Final\ Score < 55\%$	1.0
$Final\ Score < 50\%$	0.0

Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

Formative (Tests, MS Quizzes, Assignments, and Projects)	50%
Behaviour	10% (program mandated)
Midterm Exam	20% (program mandated)
Final Exam	20% (program mandated)

Recommendations for Success

Mathematics can be difficult for many students. All students are encouraged to do the following:

1. Read the course textbook. You may need to read the material multiple times to understand. By reading along at home with the lessons taught at school (typically only a few pages per night), students will be able to responsibly manage the material and gain the most from the course.
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4. Do not copy the work of your classmates' work; try to struggle through on your own. This will help you learn.
5. Come see the teacher outside of class time for assistance.
6. Do more than just the bare minimum; do the additional problems in the textbook and the review questions at the end of the chapter and check your answers.
7. Study the notes and vocabulary at least a few minutes every day.



HP23103 Foundation Health Studies 6

Teacher Mr. Brian Mallon
Contact EP Staff Room, Level 2
Bmal1332@gmail.com

Credits 0.5

Course Description

Students will study health problems in the community, as well as about exercise, relaxation, and physical fitness. Students will also examine the health risks associated with alcohol consumption, and alcohol related accidents. They will also explore the violence often portrayed in the media, and how alcohol can lead to increased violence. Students will also be able to demonstrate and teach others how to properly use CPR. Students will learn the importance of avoiding drug and alcohol related situations that can influence their lives in a negative way. Students will identify ways to prevent problems of violence and demonstrate life – rescues in different situations.

Textbook

Think Big Plus, Book 2

Course Outline & Objectives

Unit 1: **Community Health** (5 hours)

1.1 – Health Problems in the Community (2 hours)

1.2 – Guidelines for Solving Health Problems in the Community (3 hours)

Unit 2: **Exercising and Relaxation** (5 hours)

2.1 – Planning/arranging time for exercise, relaxation, & promoting fitness (2 hours)

2.2 – Fitness Development for Health (3 hours)

Unit 3: **Life Safety** (4 hours)

3.1 – Risk factors and behaviors to health (2 hours)

3.2 – Violence avoidance and solutions (2 hours)

Unit 4: **Consumption of beverages affecting health** (3 hours)

4.1 – Relationship between consumption of beverages (1 hour)

4.2 – Occurrence of accidents (2 hours)

Unit 5: **CPR** (3 hours)

4.1 – Helping a person who stopped breathing / respiration and circulation (1 hour)

4.2 – Artificial respiration / External Cardiac Massage (2 hours)

Resources

- | | |
|-----------|---|
| Mandatory | <ul style="list-style-type: none">• Pink resource booklet for note taking (Reminder that any handouts must be stapled or glue into the pink resource) |
| Suggested | <ul style="list-style-type: none">• Fitness and sport activities during lunch break each day |



Academic Integrity Policy

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Behavioral Expectations

For the sake of all the members of the class, students are expected to respect themselves, their classmates, the teacher, and the facilities. Students must accept responsibility for themselves and their actions. Students are expected to be ready at the start of every class and to actively participate throughout the lesson until class is dismissed.

Additionally, all Thai students are expected to embrace the following *desired characteristics*:

- Possess discipline
- Eager to learn
- Be an AC gentleman
- Dedicated to work

Attendance & Tardiness

Students are expected to be in class on time, every time. Unexcused absences or tardiness won't be tolerated. In the event of planned absences, please notify the teacher in advance. Students are expected to catch up on all missed work outside of class time.

Homework & Classwork

Late assignments can be submitted for a maximum of 50% up until the last week of the term. All late or missed assignments that are not turned in *before* the last week of the term will receive a zero.

Grading

This course follows to the Assumption College grading scale:

$Final\ Score \geq 80\%$	4.0
$75\% \leq Final\ Score < 80\%$	3.5
$70\% \leq Final\ Score < 75\%$	3.0
$65\% \leq Final\ Score < 70\%$	2.5
$60\% \leq Final\ Score < 65\%$	2.0
$55\% \leq Final\ Score < 60\%$	1.5
$50\% \leq Final\ Score < 55\%$	1.0
$Final\ Score < 50\%$	0.0



THE ENGLISH PROGRAM AT ASSUMPTION COLLEGE
Course Syllabus – Semester 2/2023

Evaluation and Assessment

Formative 1 & 2	50%
Midterm Exam	20%
Final Exam	20%
Affective Domain	10%

Recommendations for Success

1. Folder should be well organized throughout the semester.
2. Worksheets should be completed and handed in on time.
3. Notebook work must be neatly done and handed in on time.
4. Behavior will be evaluated during every period.
5. Homework should be handed in on time.
6. Classwork during each period must be handed in for assessment.



ST23102 Foundation Science 6

Teacher Mr. Edward Aldworth

Contact EP Teacher Room, 2nd Floor Colombet Bldg.

Credits 1.5

Course Description

This course focuses on understanding the definition of waves, the nature of waves, phenomena related to sound, light and electromagnetic waves and applies knowledge gained for useful purposes. This course will also introduce students to the concept of gravity, Newton's Law of Universal Gravitation, and the effect gravity has on the four seasons and the effect the gravitational pull of the moon has on ocean tides. The course offers an intermediate survey of these topics. As with many courses within EP, critical thinking skills are emphasized over those of rote learning.

Textbook

Focus Smart Science Textbook 3 Pelangi 2019
ISBN: 978-967-2779-53-7

Course Outline & Objectives

ST 2.3 S. 3/1 Unit 1: Waves [S. 3/1]

- 1.1: What is a Wave?
- 1.2: What are the different types of waves and their properties?
- 1.3: Velocity of waves
- 1.4: Electromagnetic waves
- 1.5: Uses and Dangers of EM waves
- 1.6: Design and conduct an experiment to explain the reflection of light
- 1.7: Ray Diagrams, images, and mirrors
- 1.8: Refraction and dispersion of light
- 1.9: Light phenomena and the real world

End of Midterm Exam Content – Start of Final Exam Content

ST 2.3 S. 3/2 Unit 2: Earth and Space Science

- 2.1: What is Gravity?
- 2.2: Mass vs Weight
- 2.2: Newtons Law of Universal Gravitation
- 2.3: Develop a model to explain the formation of seasons
- 2.4: Develop a model to explain the formation of moon phases
- 2.4: Explain uses of space technology and give examples of the advancement of the space investigation



Resources

- Required
- Notebook/Note taking device such as iPad
 - Scientific calculator (not a phone-based application)
 - Ruler

Academic Integrity Policy

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Behavioral Expectations

For the sake of all the members of the class, students are expected to respect themselves, their classmates, the teacher, and the facilities. Students must accept responsibility for themselves and their actions. Students are expected to be ready at the start of every class (Notebook, textbook, scientific calculator, writing utensils, etc.) and to actively participate throughout the lesson until class is dismissed.

A behavior score (out of 5 points) is taken every day. At the end of the semester the average is taken and used for the student's behavior score (10%).

Additionally, all Thai students are expected to embrace the following *desired characteristics*:

- Possess discipline
- Eager to learn
- Be an AC gentleman
- Dedicated to work

Attendance & Tardiness

Attendance will be taken at the start of every class. Students are expected to be in class on-time, every time. Unexcused absences or tardiness will not be tolerated. In the case of planned absences, please notify the teacher as far in advance as possible. Students are expected to catch up on all missed work outside of class time.

Assignments & Classwork

Assignments and classwork will be assigned often and must be submitted on or before the due date. Late assignments can be submitted for a maximum of 50% up until the last week of the term. All late or missed assignments that are not turned in *before* the last week of the term will receive a zero.



Grading

Foundation Science 5 follows the Assumption College grading scale:

<i>Final Score</i> \geq 80%	4.0
$75\% \leq$ <i>Final Score</i> < 80%	3.5
$70\% \leq$ <i>Final Score</i> < 75%	3.0
$65\% \leq$ <i>Final Score</i> < 70%	2.5
$60\% \leq$ <i>Final Score</i> < 65%	2.0
$55\% \leq$ <i>Final Score</i> < 60%	1.5
$50\% \leq$ <i>Final Score</i> < 55%	1.0
<i>Final Score</i> < 50%	0.0

Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

Assignments/Notebook/Lab	25%
Quiz/Test	15%
STEM	10%
Behavior	10% (program mandated)
Midterm (Summative) Exam	20% (program mandated)
Final Exam	20% (program mandated)

Recommendations for Success

All students are encouraged to try the following:

1. Read, read, read the textbook. Oftentimes, reading the text once is not enough even for native English speakers. You may need to read the material multiple times to understand. By reading along at home with the lessons taught at school (typically only a few pages per night), students will be able to responsibly manage the material and gain the most from the course.
2. Search online, in either Thai or English, if you don't understand a topic discussed in class or simply to get a better understanding of the topic.
3. Do **not** copy your classmates work; struggle through and do the work on your own! This is how you learn!
4. Come see the teacher outside of class time for assistance.
5. Do the review questions at the end of the chapter and see the teacher for the answers.
6. Study the notes and vocabulary at least a few minutes every day, such as in homeroom or during any free time you might have in other classes.



ST20206 Universal Science 6

Teacher Mr. Michael Dew

Contact Laboratory office, 2nd Floor Colombet Bldg.

Class Time EP-M 3/1: Wednesday 5th period; Thursday 3rd period

EP-M 3/2: Tuesday 7th period; Thursday 7th period

EP-M 3/3: Monday 1st period; Tuesday 1st period

Credits 1.5

Course Description

The Universal Science course encompasses a multidisciplinary approach to learning. The course embraces the unique spirit of Assumption in delivering both a dynamic and holistic approach to learning; addresses the needs of individual students at varying academic levels. The new teaching and learning of science focuses on students themselves, allowing them to discover the knowledge mostly by themselves. With their fundamental knowledge and the results from their scientific investigations, students can construct their own principles, conceptual ideas and understandings systematically. Universal science topics include chemical equations, types of chemical reactions, endothermic and exothermic reactions, organic chemistry, introduction to acids, bases, and salts, polymers, ceramics, nuclear reactions, and nuclear fusion and fission. Enhanced knowledge and understanding of scientific processes and developing skills in observation, experimentation and the interpretation of data, and production of conclusions. Students will understand the importance of applying knowledge to real-life situations with responsibility, honesty, integrity, discipline, creativity, self-sufficiency, a scientific mind and attitude. See course outline and objectives below.

Textbook

Focus Smart Plus Science Mathayom 3

Fusion: Matter and Energy. Holt McDougal

Course Outline & Objectives

Chapter 1: Chemistry

- 1.1 Chemical Equations
- 1.2 Balancing Chemical Equations
- 1.3 Acids, Bases, and Salts
- 1.4 Endothermic and Exothermic Reactions
- 1.5 Rate of Chemical Reactions

Chapter 2: Organic Chemistry

- 2.1 Introduction to Organic Chemistry
- 2.2 Carbon based Chemistry Organic Chemistry Functional Groups
- 2.3 Organic Chemistry Functional Groups
- 2.4 Organic Chemistry and Hydrocarbons

End of Mid-Term Exam Content - Start of Final Exam Content



Chapter 3: Chemistry Materials

- 3.1 Polymers
- 3.2 Ceramics
- 3.3 Composite materials
- 3.4 Flow of charges
- 3.5 Atmospheric electricity

Chapter 4: Nuclear Reactions

- 4.1 Alpha, Beta and Gamma decay
- 4.2 Applications of radioactivity in medicine
- 4.3 Nuclear fission and nuclear fusion

Resources

- | | |
|----------|--|
| Required | <ul style="list-style-type: none">• 1 notebook• 1 plastic folder for course materials• Science Text Book• Science work Book• Red and blue pen. Liquid paper. Pencils.• Internet -Schoology• Headphones• Ruler |
|----------|--|

Academic Integrity Policy

Students are expected to adhere to the Assumption College student handbook. There is to be no plagiarism, no copying, and no cheating of any kind. These and any other acts of academic dishonesty lower the quality of the education and will not be tolerated. Students involved in any form of academic dishonesty, including any student supplying or allowing the copying to take place, will receive a zero.

Plagiarism is the act of taking someone else's work or ideas and passing them off as one's own work or ideas. Examples of plagiarism include the failure to give appropriate acknowledgement when repeating another's idea, phrase, sentence or paragraph, or failure to give appropriate acknowledgement when paraphrasing any of those.

Behavioral Expectations

For the sake of all the members of the class, students are expected to respect themselves, their classmates, the teacher, and the facilities. Students must accept responsibility for themselves and their actions. Students are expected to be ready at the start of every class and to actively participate throughout the lesson until class is dismissed.

All students are given a full score for behavior (10 points) which must be maintained throughout the course of the subject. Any student whose behavior score slips below 5 points over the course of time will be referred to the discipline master.

All Thai students are expected to embrace the following *desired characteristics*:

- Possess discipline
- Eager to learn
- Be an AC gentleman
- Dedicated to work



Attendance & Tardiness

Attendance will be taken at the start of every class. Students are expected to be in class on time, every time. Unexcused absences or tardiness will not be tolerated. In the case of planned absences, please notify the teacher as far in advance as possible. Students are expected to catch up on all missed work outside of class time.

Homework & Class work

Homework and classwork will be assigned often and must be submitted on or before the due date. Late assignments can be submitted for a maximum of 50% up until the last week of the term. All late or missed assignments that are not turned in *before* the last week of the term will receive a zero.

Grading

This course follows to the Assumption College grading scale:

$Final\ Score \geq 80\%$	4.0
$75\% \leq Final\ Score < 80\%$	3.5
$70\% \leq Final\ Score < 75\%$	3.0
$65\% \leq Final\ Score < 70\%$	2.5
$60\% \leq Final\ Score < 65\%$	2.0
$55\% \leq Final\ Score < 60\%$	1.5
$50\% \leq Final\ Score < 55\%$	1.0
$Final\ Score < 50\%$	0.0

Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

Assignments/Classwork/Lab	30%
Quiz/Test	15%
Notebook	5%
Behavior	10% (program mandated)
Midterm (Summative) Exam	20% (program mandated)
Final Exam	20% (program mandated)

Recommendations for Success

All students are encouraged to try the following:

1. Read as much as possible, your textbook and workbook at home. Reading the text once is not enough! Even native English speakers usually need to read more than once. You may need to read the material multiple times to understand. Read and study at home the lessons taught at school.
2. (Students will be able to responsibly manage the material and gain the most from the course.
3. Search online, in either Thai or English, if you don't understand a topic discussed in class or simply to get a better understanding of the topic.



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4. Do **not** copy your classmates' work; struggle through and do the work on your own! This is how you learn!
5. Come see the teacher outside of class time for assistance if you need help.
6. Do the review questions at the end of the chapter and see the teacher for the answers. Study the notes and vocabulary at least a few minutes every day, such as in the homeroom or during any free time you might have in other classes.



ST23103 Technology and Computer Science 3

Teacher Mr. Dave Thomas

Contact EP Teacher Room, 2nd Floor Colombet Bldg.

Credits 0.5

Course Description

Further study into intermediate level of knowledge of robots and robotics. Student centered learning using a STEM framework to create mobile robots and automatic mechanical systems. Explore how the mechanics of robots work and can be developed. Advanced use of algorithms in the design and planning stage of programs
Logic Gates, Boolean operations and advanced number systems
Development of computational thinking to use in analytical and technological processes to create knowledge and understanding, communicative ability, thinking ability, ability to use technology and apply the knowledge to real-life situations with morality, ethics, endeavor, and studiousness.

Course Outline & Objectives

Topics include:

Indicators [1,2,3]

Roles and Operation of Robots [Indicator 1, 2]

Variable Arrays.

Use of Boolean operations in robot programming

Representing Data hexadecimal, binary and denary

Creation and Development [Indicator 1, 2]

Advance constructions

Robotic appendages

Sensors: acting on and reacting to the environment

Programming [Indicator 2, 3]

Intermediate level programming

Wires and “MyBlocks”

Advancement of the concept of planning to program (pseudo-code and control flow Logical systems)

Computational thinking in the field of problem solving

Resources

- Required
- EP Computer Lab
 - Robots

Academic Integrity Policy

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academic dishonestly lower the quality of the education and will not be tolerated. Students involved in any form of academic dishonesty, including any student supplying or allowing the copying to take place, will receive a zero.

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Behavioral Expectations

For the sake of all the members of the class, students are expected to respect themselves, their classmates, the teacher, and the facilities. Students must accept responsibility for themselves and their actions. A behavior score (out of 10 points) is taken every day. At the end of the semester the average is taken and used for the student's behavior score (10%). Students *earn* the scores they receive.

Additionally, all Thai students are expected to embrace the following *desired characteristics*:

- Love for the country and the King, faith in religion
- Possess discipline
- Be self-sufficient
- Proud to be Thai
- Be an AC gentleman
- Eager to learn
- Dedicated to work
- Have a sense of public consciousness
- Be honest and upright

Attendance & Tardiness

Attendance will be taken at the start of every class. Students are expected to be in class on-time, every time. Unexcused absences or tardiness will not be tolerated. In the case of planned absences, please notify the teacher in as far in advance as possible. Students are expected to catch up on all missed work outside of class time.

Homework & Classwork

Homework and classwork will be assigned often and must be submitted on or before the due date. Late assignments can be submitted for a maximum of 50% up until the last week of the term. All late or missed assignments that are not turned in *before* the last week of the term will receive a zero.

Grading

This course follows to the Assumption College grading scale:

$Final\ Score \geq 80\%$	4.0
$75\% \leq Final\ Score < 80\%$	3.5
$70\% \leq Final\ Score < 75\%$	3.0
$65\% \leq Final\ Score < 70\%$	2.5
$60\% \leq Final\ Score < 65\%$	2.0
$55\% \leq Final\ Score < 60\%$	1.5
$50\% \leq Final\ Score < 55\%$	1.0
$Final\ Score < 50\%$	0.0



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Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

STEM	10%
Homework/Classwork	10%
Quiz	10%
Coursework	20%
Behavior	10% (program mandated)
Midterm Exam/Project	20% (program mandated)
Final Exam	20% (program mandated)

Recommendations for Success

Information technology can be a difficult course for many students. All students are encouraged to try the following:

1. Read, read, read the textbook. Oftentimes, reading the text once is not enough even for native English speakers. You may need to read the material multiple times to understand. By reading along at home with the lessons taught at school (typically only a few pages per night), students will be able to responsibly manage the material and gain the most from the course.
2. Search online, in either Thai or English, if you don't understand a topic discussed in class or simply to get a better understanding of the topic.
3. Do **not** copy your classmate's work; struggle through and do the work on your own! This is how you learn!
4. Come see the teacher outside of class time for assistance.
5. Do more than just the bare minimum; there are plenty of problems in the textbook. We only have time for so many of them. Do the review questions at the end of the chapter and see the teacher for the answers.
6. Study the notes and vocabulary at least a few minutes every day, such as in homeroom or during any free time you might have in other classes.



ST20255 & ST20256 Computer for Project 1 & 2

Teacher Mr. Matt Harris
Contact Location: 5th Floor Computer Lab

Class Time EP-M 3/3: Monday 10:20 – 1:00

Credits 1.0

Course Description

This course is designed to provide students with fundamental programming skills and an introduction to the semantics of the HTML programming language. The course will focus on elementary computer science principles, basic, intermediate and applications of HTML.

Students will build a knowledge about computer science, the HTML programming language, A thorough exploration of the features in HTML programming language will be conducted. Learning about the different attributes and tags and how they are applied to create web documents and web pages. Using notepad and learning how to use Adobe Dreamweaver. An introduction into CSS (cascading style sheets) which can be applied to HTML. Students will be introduced to principles of computer science such as program design, abstraction, and performance. Students will apply the knowledge they have learnt to create a landing page or a multiple page website.

Course Outline & Objectives

Topics include: [Indicator 1,2]

Computer for Project 1 & 2 [Indicator 1, 2]

<p>Programming</p> <p>Week 1-2: Intro, My profiles doc/ My idol presentation Programming languages, Algorithms, Data types</p> <p>Week 2-4: HTML basics 101, attributes, tags and elements (functions)</p> <p>Week 5-7: Adobe Dreamweaver, web projects</p> <p>Midterm Exam (Week 8 and 9)</p> <p>Week 10-13: HTML & CSS</p> <p>Week 14-15: Program design</p> <p>Final Exam (Week 16)</p>

Resources

Required • EP Computer Lab

Academic Integrity Policy

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academic dishonestly lower the quality of the education and will not be tolerated. Students involved in any form of academic dishonesty, including any student supplying or allowing the copying to take place, will receive a zero.

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Behavioral Expectations

For the sake of all the members of the class, students are expected to respect themselves, their classmates, the teacher, and the facilities. Students must accept responsibility for themselves and their actions. A behavior score (out of 10 points) is taken every day. At the end of the semester the average is taken and used for the student's behavior score (10%). Students *earn* the scores they receive.

Additionally, all Thai students are expected to embrace the following *desired characteristics*:

- Love for the country and the King, faith in religion
- Possess discipline
- Be self-sufficient
- Proud to be Thai
- Be an AC gentleman
- Eager to learn
- Dedicated to work
- Have a sense of public consciousness
- Be honest and upright

Attendance & Tardiness

Attendance will be taken at the start of every class. Students are expected to be in class on-time, every time. Unexcused absences or tardiness will not be tolerated. In the case of planned absences, please notify the teacher in as far in advance as possible. Students are expected to catch up on all missed work outside of class time.

Homework & Classwork

Homework and classwork will be assigned often and must be submitted on or before the due date. Late assignments can be submitted for a maximum of 50% up until the last week of the term. All late or missed assignments that are not turned in *before* the last week of the term will receive a zero.

Grading

This course follows to the Assumption College grading scale:

$Final\ Score \geq 80\%$	4.0
$75\% \leq Final\ Score < 80\%$	3.5
$70\% \leq Final\ Score < 75\%$	3.0
$65\% \leq Final\ Score < 70\%$	2.5
$60\% \leq Final\ Score < 65\%$	2.0
$55\% \leq Final\ Score < 60\%$	1.5
$50\% \leq Final\ Score < 55\%$	1.0
$Final\ Score < 50\%$	0.0



Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

STEAM	10%
Homework/Classwork	30%
Coursework	30%
Behavior	10% (program mandated)
Midterm Exam/Project	10% (program mandated)
Final Exam	10% (program mandated)

Recommendations for Success

Information technology can be a difficult course for many students. All students are encouraged to try the following:

1. Read, read, read the teacher's online notes. Oftentimes, reading the text once is not enough even for native English speakers. You may need to read the material multiple times to understand. By reading along at home with the lessons taught at school (typically only a few pages per night), students will be able to responsibly manage the material and gain the most from the course.
2. Search online, in either Thai or English, if you don't understand a topic discussed in class or simply to get a better understanding of the topic.
3. Do **not** copy your classmate's work; struggle through and do the work on your own! This is how you learn!
4. Come see the teacher outside of class time for assistance.
5. Do more than just the bare minimum; there are plenty of problems in the teacher's online notes. We only have time for so many of them. Do the review questions at the end of the chapter and see the teacher for the answers.
6. Study the notes and vocabulary at least a few minutes every day, such as in homeroom or during any free time you might have in other classes.



OC23103 Foundation Occupational Works 6

Teacher Dr. Hermann Gruenwald
Contact EP Teacher Room, 2nd Floor Colombet Building
DrHermann365@gmail.com

Website Google Classroom

Class Time EP-M3/1: Thursdays, Period 5
EP-M3/2: Tuesdays, Period 1
EP-M3/3: Thursdays, Period 4

Credits 0.5

Course Description

During this semester the students will be learning to propagate and nurture plants, which will then be transferred to the garden area.

There will be a section on business and identifying types of businesses that the students may be interested in for the future.

Finally, students will learn about job seeking and identifying possible careers of interest for the future. They will identify qualifications that are needed for entry into different careers and practice researching for job vacancies. Students will also complete a CV of their experiences and achievements thus far and their future goals.

The goals of the Occupational Works subject are to:

- endow students with creative opportunities and curiosity
- refine skills for individual and group working processes such as management, teamwork, problem-solving and attention to detail
- develop and apply research and investigation skills to coursework
- improve awareness of human impact on the environment for one's life and family
- acquire technological knowledge for occupational development
- promote awareness of nationalism, religiosity, royalty, honesty, self-discipline, studiousness, self-sufficiency, endeavor, love of being Thai, and public-mindedness.

Course Outline & Objectives

Unit 1: Agricultural Work (*Indicator 1, 2, 3*)

- Importance and methodology of propagating plants.
- Understand the tools, equipment and process of propagating plants.
- Design and build plant propagators and grow seedlings.
- Transfer seedlings to the vertical garden project completed in M2.

Unit 2: Business (*Indicators 1, 2, 3*)

- Learn about the meaning of business and its advantages.
- Recognize different types of business and ones that interest the students personally.

Unit 3: Occupational Works (*Indicators 4, 5, 6*)



- Recognize different strategies and methods of job searching and finding suitable vacancies.
- Complete online career tests to suggest possibilities for the future.
- Research job vacancies for careers of interest from electronic (online) and printed (newspapers) media.
- Identify qualifications needed to pursue careers of interest and be highly employable.
- Write a curriculum vitae of experience gained up to M3 with a section on future targets and goals.

Strand 1: Living and Family

Standard O1.1: Understanding of concept of work; endowment with creativity and skills for various aspects and work processes, management, teamwork, investigation for seeking knowledge, morality, diligence, and awareness of the need to economise on the use of energy and the environment for one’s life and for family

Indicators

1. Discuss efficient stages of working.
2. Apply skills for team working with morality.
3. Discuss work by applying management skills for economising on energy, resources and the environment.

Strand 4: Occupation

Standard O4.1: Understanding and acquisition of necessary skills and experiences; proper perception of future career; technological application for occupational development; endowment with morality and favourable attitude towards occupations

Indicators

1. Explain searching for employment through diverse methods.
2. Analyse the guidelines for entering employment.
3. Evaluate alternatives for taking up occupations in keeping with their knowledge, attitudes and interests.

Learning Units/Names of Learning Units	Time (hrs.)	Process/Activity	Media	Evaluation and Assessment
1. Agricultural work	(7)	Concept learning	- Worksheet	- Observation form
- Importance of plant propagation	1	Problem-solving	- PowerPoint	- Rubric for evaluation of worksheet
- How to propagate plants	2	Group working	- Web site	- Test
- Tools and equipment used for plant propagation	2		- Video	
	2		- Photos	



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- Example of plant propagation				
2. Business	(3)	Concept learning	- Worksheet	- Observation form
- Meaning of business	1	Analytical thinking		- Rubric for evaluation of worksheet
- Types of business	2	Learn from real experience	- PowerPoint - Web site - Video - Photos	- Test
Midterm Exam	1			
3. Occupational works	(6)	Social learning process	- Worksheet	- Observation form
- Job seeking and vacancy	1	Concept learning		- Rubric for evaluation of worksheet
- Looking for job vacancy from printed media	1	Analytical thinking	- PowerPoint - Web site	- Test
- Looking for job vacancy from electronic media	1	Learn from real experience	- Video - Photos	
- Necessary qualifications for employability				
3. Occupational works (cont.)				
- Necessary qualifications for job application	1			
- Job security and career advancement	1			
Final Exam	1			



Resources

- Required
- A blank-paper sketchbook (minimum A4 size)
 - Basic stationary (pen, pencil, eraser, ruler, sharpener etc)
 - Extra stationary (glue stick, stapler, tape, liquid paper etc.)
 - AC 3 ring binder with clear front cover as portfolio
- Suggested
- Various colored pens / markers / highlighters / pencils
- Occasional
- Garments to practice folding in unit 2
 - Craftwork materials or items for unit 4
 - Cooking equipment and ingredients for unit 3
- The above will be requested a week in advance of use*

Academic Integrity Policy

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Behavioral Expectations

For the sake of all the members of the class, students are expected to respect themselves, their classmates, the teacher, and the facilities. Students must accept responsibility for themselves and their actions. Students are expected to be ready at the start of every class (sketch book, basic stationary, materials, ingredients etc.) and to actively participate throughout the lesson until class is dismissed.

Behavior and participation is monitored during every class and points are deducted for misbehaviour, non-participation or disruption to the class. This is averaged throughout the semester and calculated as a score of 10 at the end of semester.

Additionally, all Thai students are expected to embrace the following *desired characteristics*:

- Possess discipline
 - Be an AC gentleman
 - Be honest and upright
 - Be eager to learn
 - Be dedicated to work
 - Have a sense of public-consciousness
-

Attendance & Tardiness

Attendance will be taken at the start of every class. Students are expected to be in class on-time, every time. Unexcused absences or tardiness will not be tolerated. In the case of planned absences, please notify the teacher in as far in advance as possible. Students are expected to catch up on all missed work outside of class time.



Homework & Class Work

Homework and class work will be assigned often, must be completed to a high standard and be submitted on or before the due date. Late assignments are subject to 50% less marks for each week they are late. All missed assignments will receive a zero and will dramatically reduce the averaged class work and homework scores of the individual.

Grading

This course follows to the Assumption College grading scale:

<i>Final Score</i> \geq 80%	4.0	A
$75\% \leq$ <i>Final Score</i> < 80%	3.5	B+
$70\% \leq$ <i>Final Score</i> < 75%	3.0	B
$65\% \leq$ <i>Final Score</i> < 70%	2.5	C+
$60\% \leq$ <i>Final Score</i> < 65%	2.0	C
$55\% \leq$ <i>Final Score</i> < 60%	1.5	D+
$50\% \leq$ <i>Final Score</i> < 55%	1.0	D
<i>Final Score</i> < 50%	0.0	F

Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

Behavior & Participation	20%	Affective Domain
Formative 1 Class Work & Home Work	15%	Formative
Formative 2 Class Work & Home Work	15%	Formative
STEM	10%	Formative
Midterm Exam	20 %	Exams
Final Exam	20%	Exams

Recommendations for Success

1. Bring all the materials that are needed to complete projects on the day of class
2. Be creative and work hard for your own success and learning.
3. Don't be afraid to experiment and have fun studying
4. Plan projects carefully and have the required materials for your project
5. Keep your notebook tidy, attractive and up-to-date and submit work on time



EN23102 M3 Foundation English 6
Teacher Mr. Paul Griffiths
Contact EP Teacher Room, 2nd Floor Colombet Bldg.
paul_v_griffiths@yahoo.co.uk
Class Time EP-M3 - Three Periods a Week for Each Class
Credits 1.5

Course Description

This class will aim to improve the general English of students. We will focus on the four skills of speaking, listening, reading and writing. We will also cover grammar and vocabulary. It is another goal of the course to encourage reading for pleasure and we will read 'The Thief of Always' (or a different book that the student chooses) in semester two and students will write a book report about it.

Textbooks + Novels

Think 4 – Student Book

Think 4 – Workbook

The Lion, the Witch and the Wardrobe – Novel by C.S. Lewis

The Thief of Always – Novel by Clive Barker

Course Outline & Objectives

Week 1 – Vocabulary Games and thinking outside the box.

Weeks 2-3 – **Think Unit 4 – The Art of Thinking** (*finish from semester 1*)

- Vocabulary – expressions with 'good' and adverbial phrases
- Grammar – Adverbs
- Reading – True or False
- Functional Language – Expressing Frustration

Week 4 – **Introduction to Book Report in Semester 2**

Weeks 5-7 – **Think Unit 5 – Too much Tech?**

- Vocabulary – Technology nouns and verbs
- Grammar – Modal verbs
- Reading – Reading for detailed understanding
- Writing – Instructions.
- Functional Language – Advice and obligation

Week 8 – **Revision of Skills / Catch up on missed classes**

Week 9 – **Midterm Exams**

Christmas / New Year break

Weeks 10-13 – **Think Unit 6 – Better Together**

- Vocabulary – Ways of Speaking and Friendship idioms
- Grammar – Comparatives and showing contrast
- Reading – True, False or Not Given
- Writing – An essay. Using the correct punctuation.
- Functional Language – Using intensifying comparatives



Week 14 – Work on book report (finish book report)

Week 15 – Revision of Skills and content / Catch up on missed classes

Week 16 – Final Exams

Resources

- Required
- 1 notebook (1 white notebook)
 - Folder for English only (to keep handouts, etc.)
 - Textbooks
 - Blue or black pen + red pen for checking work
 - Dictionary (English to English)

Other resources such as worksheets will be given throughout the semester.

Academic Integrity Policy

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Behavioral Expectations

For the sake of all the members of the class, students are expected to respect themselves, their classmates, the teacher, and the facilities. Students must accept responsibility for themselves and their actions. Students are expected to be ready at the start of every class (notebook, worksheets, English Folder, writing utensils, etc.) and to actively participate throughout the lesson until class is dismissed.

Additionally, all Thai students are expected to embrace the following *desired characteristics*:

- Possess discipline
- Eager to learn
- Be an AC gentleman
- Dedicated to work

Attendance & Tardiness

Attendance will be taken at the start of every class. Students are expected to be in class on-time, every time. Unexcused absences or tardiness will not be tolerated. In the case of planned absences, please notify the teacher in as far in advance as possible. Students are expected to catch up on all missed work outside of class time.

Homework & Classwork

Homework and classwork will be assigned often and must be submitted on or before the due date. Late assignments can be submitted but some marks will be taken off as a penalty. All



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late or missed assignments that are not turned in *before* the last week of the term will receive a zero.

Grading

This course follows to the Assumption College grading scale:

$Final\ Score \geq 80\%$	4.0
$75\% \leq Final\ Score < 80\%$	3.5
$70\% \leq Final\ Score < 75\%$	3.0
$65\% \leq Final\ Score < 70\%$	2.5
$60\% \leq Final\ Score < 65\%$	2.0
$55\% \leq Final\ Score < 60\%$	1.5
$50\% \leq Final\ Score < 55\%$	1.0
$Final\ Score < 50\%$	0.0

Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

Formative Score	50%
Behavior	10% (program mandated)
Midterm Exam	20% (program mandated)
Final Exam	20% (program mandated)

Recommendations for Success

English can be a difficult course for many students. All students are encouraged to try the following:

1. Have your materials for English on your desk at the beginning of class.
2. Pay attention and listen carefully while taking notes.
3. Always use English during discussions.
4. Do your homework yourself and do not copy.
5. Come see the teacher outside of class time for assistance.
6. Always do your best.



Student Syllabus for: EP3 Supplemental English 18 EN20218

Teacher: Mr. Jonathan Steven Phillips

Contact: epac.jonathanphillips@gmail.com

COURSE DESCRIPTION:

Welcome to Semester 2 of EP3 Supplemental English. This course is designed to further your ability with analyzing reading, critical thinking, as well as strengthen your formal writing ability. We focus on academic skills, writing, time management and inter-personal communication skills. This course is writing, listening, speaking and reading intensive. In-class speaking assignments, research essays, large amounts of literary and academic vocabulary, participation, homework, quizzes and exams make up a majority of your grade. By the end of the year, you should be well prepared to take an International Exam in English.

The course is at an intermediate level and will move quickly. If you miss a class, it is your responsibility to find out what you have missed, either from your classmates or by seeing me on your own time, not during class time.

COURSE OBJECTIVES:

The main objectives of this course are:

- to strengthen the students' writing ability in formal, informal, and technical writing, according to University expectations
- to broaden and expand the students' proficiency and knowledge in exam level English;
- to provide material for the students to revise, consolidate and extend their command of English grammar and vocabulary;
- to develop the students' reading skills to enable them to skim the text for main ideas, to scan the text for specific information, and to deduce meanings from the context, to identify the views/opinions of the author, to distinguish main ideas from supporting ones, to recognize connections and relationships between facts in a text and to label diagrams/flowcharts using precise information.
- to develop the students' writing skills to enable them to respond to input applying information to a specified task, to elicit, to select, to summarize information in clear, organized essays, to give a well-organised overview of relevant information in a graph, chart, table or diagram and to present a clear, relevant, well-organised argument, giving evidence or examples to support ideas and use language accurately.
- to develop the students' listening skills to enable them to understand and apply specific information from the input, to label a plan, map or diagram, to complete a table, flow-chart or summary, to record factual details, to summarise information to show how different items relate to one another, to listen for facts such as place/prices/times.
- to be exposed and learn in depth about a variety of societal and literary topics
- to develop the students' speaking skills to enable them to use social and professional language, to report, explain, summarize and develop a discussion;

COURSE OUTLINE:

A B2 First qualification proves you have the language skills to live and work independently in an English-speaking country or study on courses taught in English.



- Listening recording 1: Eight short extracts from monologues or conversations between interacting speakers. There is one multiple-choice question for each extract, and you have to choose A, B or C. Listening for feeling, attitude, opinion, purpose, function, agreement, gist and detail.
- Listening recording 2: A monologue (which may be introduced by a presenter) lasting approximately 3 minutes. You have to complete the sentences on the question paper with the missing information which you hear on the recording. Listening for specific information, stated opinion.
- The B2 First Reading and Use of English paper is in seven parts and has a mix of text types and questions. **For Parts 1 to 4**, you read a range of texts and do grammar and vocabulary tasks including gap fills and multiple choice.
- Writing: You're given an essay title and two ideas clearly linked to the title. You write an essay giving your opinions about the title, using the ideas given. You must also add a third, different idea of your own linked to the title. The title will be a subject of general interest – you won't need any specialised knowledge. Using language functions, such as evaluating, expressing opinions, hypothesising, justifying, persuading.
- Speaking 1: Conversation with the examiner. The examiner asks questions and you may have to give information about your interests, studies, career, etc. Give information about yourself and express your opinion about various topics.
- Speaking 2: The examiner gives you two photographs and asks you to talk about them. You have to speak for 1 minute without interruption and the interlocutor then asks the other candidate to comment on your photographs for about 30 seconds. The other candidate receives a different set of photographs and you have to listen and comment when they have finished speaking. The question you have to answer about your photographs is written at the top of the page to remind you what you should talk about.

End of Midterm Exam Content – Start of Final Exam Content

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- Listening recording 3: A series of five themed monologues of approximately 30 seconds each. On the question paper, you have to select five correct options from a list of eight possible answers. Listening for gist, attitude, opinion, purpose, feeling, main points and detail.
- Listening recording 4: A conversation between two or more speakers of approximately 3–4 minutes. You have to answer some multiple-choice questions by choosing the correct answer from three options (A, B or C). Listening for attitude, opinion, detail, gist, main idea and specific information.
- The B2 First Reading and Use of English paper is in seven parts and has a mix of text types and questions. **For Parts 5 to 7**, you read a series of texts and answer questions that test your reading ability and show that you can deal with a variety of different types of texts.
- Writing: You write a text from a choice of text types – article, email/letter, report or review. To guide your writing, you'll be given information about



context, topic purpose and target reader. Writing different types of text that could be included in the exam.

- Speaking 3: Conversation with the other candidate. The examiner gives you some material and a task to do. You have to talk with the other candidate and make a decision. Exchanging ideas, expressing and justifying opinions, agreeing and/or disagreeing, suggesting, speculating, evaluating, reaching a decision through negotiation, etc.
- Speaking 4: Further discussion with the other candidate, guided by questions from the examiner, about the topics or issues raised in the task in Part 3. Expressing and justifying opinions, agreeing and/or disagreeing.

You need to have the following in class each day:

Blue or Black ink pens and pencils.

Plastic folder to hold materials/textbooks

(2) White notebooks

(1) Highlighter

Paper Dictionary

Paper/Electronic Thesaurus

COURSE POLICIES/BEHAVIOR:

Course policies are the rules and guidelines our class follows. They can be summed up in one word: respect. Respect the teacher; respect your fellow classmates and their desire to learn. Exhibit respect and behave and act as young men.

CHEATING, COPYING and PLAGIARISM:

There is to be no plagiarism, no copying, and no cheating of any kind. These and any other acts of academic dishonesty lower the quality of the education and **will not be tolerated**. Students involved in any form of academic dishonesty, including any student supplying or allowing the copying to take place, **will receive a zero**.

Plagiarism is the act of taking someone else's work or ideas and passing them off as one's own work or ideas. Examples of plagiarism include the failure to give appropriate acknowledgement when repeating another's idea, phrase, sentence or paragraph, or failure to give appropriate acknowledgement when paraphrasing any of those.

HOMEWORK:

All homework assignments must be completed and turned in during class the day that it is due. Late work is accepted, but if work is turned in after class or the next day, points will be deducted.

GRADE DETERMINATION:

Your grades will be determined by your homework, class work, quizzes/tests and participation. You will be graded on speaking, listening, reading, writing and behaviour. Do



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your best in everything that we do, and do your best to keep up and not miss anything. Zeros will hurt your grade much more than a low score. **Active participation and preparedness is expected at all times!**

This course follows to the Assumption College grading scale:

<i>Final Score</i> \geq 80%	4.0
$75\% \leq$ <i>Final Score</i> < 80%	3.5
$70\% \leq$ <i>Final Score</i> < 75%	3.0
$65\% \leq$ <i>Final Score</i> < 70%	2.5
$60\% \leq$ <i>Final Score</i> < 65%	2.0
$55\% \leq$ <i>Final Score</i> < 60%	1.5
$50\% \leq$ <i>Final Score</i> < 55%	1.0
<i>Final Score</i> < 50%	0.0

Evaluation and Assessment

The final semester grade for this course out of 100% is broken down as follows:

Group Work	10%
Skills (Assignments)	10%
Grammar	10%
Vocabulary	10%
Reading	10%
Behavior	10% (program mandated)
Midterm (Summative) Exam	20% (program mandated)
Final Exam	20% (program mandated)

