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## **MA30105 Foundation Mathematics**

**Teacher** Mr. Keerthi Prabhakar  
**Contact** EP Teacher Room, 2<sup>nd</sup> Floor Colombet Bldg.  
**Class Time** EP-M6/1: Wed, Period 2; Thu, Period 3  
EP-M6/2: Wed, Period 2; Thu, Period 3  
**Credits** 1.0

### **Course Description**

This foundation mathematics course focuses on the following topics: **Sets**, Logic, and Real Numbers. Set Theory is the foundation for all mathematics and involves operations like union and intersection. Logic is formal methodology used in mathematics to arrive at proofs and is the basis for Computer Science. Students proceed from Sets and Logic to see how the properties of equality and properties of the real number system can be used to solve quadratic and other equations as well as inequalities. Other topics studied include interval notation and absolute value. Students will practice mathematical skills and processes which are problem-solving, involve reasoning in general, mathematical implication and presentation, as well as mathematical connections and creative thinking.

### **Textbooks**

*Mathematics for the International Student SL (Haese Mathematics)*

ISBN 978-1-921972-08-9

*Algebra 2 (Glencoe McGraw Hill) ISBN 13:9780078738302*

### **Course Outline & Objectives**

<b>Learning Units</b>	<b>Chapters from IGCSE Math textbook</b>
1.Sets a. Types of sets and equality of sets* b. Subset and power set c. Venn-Euler diagram* d. Operations of sets: Union*, Intersection*, Complement, Difference e. Members of finite sets and solutions	<i>Chapter 7: Set Notation and Venn Diagrams (pg.211-230)</i>
2.Logic a. Proposition	<i>Chapter 8: Logic (pg.231-256)</i>



b. Connecting propositions. c. The negation of a proposition d. Constructing truth tables for propositions	
3. Real Numbers a. Structure and closure properties of real numbers b. Properties of real numbers about addition and multiplication, and properties of equality c. Application of properties of real numbers in solving quadratic equations. d. Intervals e. Properties of inequality and solutions of inequalities with one variable with a degree not exceeding two f. Absolute value	<i>Algebra 2 Chapter 1-2 Properties of Real Number (pg. 11-19)</i> <i>Chapter 11: Algebraic Representation and manipulation (pg. 104-123)</i> <i>Chapter 13 Equations and inequalities (pg. 127-149)</i> <i>Algebra 2 Chapter 1-4: Solving Absolute Value Equations.</i> <i>Algebra Chapter 1-5: Solving Inequalities.</i>

#### Resources

- Graphing Calculator
- Worksheets
- 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 education and will not be tolerated. Students involved in any form of academic dishonesty, including any student supplying or allowing copying, will receive a zero.

Plagiarism is 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
- 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.

### Homework & Classwork

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 not be graded and will result in an automatic score of zero.** Late homework, however, 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:

Assignments/Projects	20%
Tests	20%
STEM	10%
Behaviour	10% (program mandated)
Midterm Exam	20% (program mandated)
Final Exam	20% (program mandated)

### **Recommendations for Success**

Mathematics can be complicated 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. Students can responsibly manage the material and gain the most from the course by reading along at home with the lessons taught at school (typically only a few pages per night).
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 to understand the topic better.
4. Do not copy your classmates' work; try to struggle independently. This will help you learn.
5. 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 for at least a few minutes every day.



## **MA30217 Universal Mathematics 5**

<b>Teacher</b>	Mr. Shiv Kumar
<b>Contact</b>	Science Lab, 2 <sup>nd</sup> Floor Colombet Building. <a href="mailto:skkumarshiv100@gmail.com">skkumarshiv100@gmail.com</a>
<b>Class Time</b>	EP-M6/1-2: Tuesday Period 7, Wednesday Period 4, Thursday Period 5,
<b>Credits</b>	1.5

### **Course Description**

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This course is an introduction to Basic Calculus. We begin with an examination of functions and consider ideas such as graphing rates of change. We then go on to consider both finite and infinite limits of functions. Limits will allow us to develop the theory of derivatives along with practical applications of the techniques of differentiation. We will then use the anti-derivative to introduce integrals. The meaning of integration will be covered along with basic techniques of integration. This course is designed to prepare students for a first year university course in the subject which is often quite rigorous.

### **Textbook**

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*Mathematics for the International Student Mathematics SL (Haese Mathematics)*  
ISBN 978-1-921972-08-9

### **Course Outline & Objectives**

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#### **Unit 1. Basic Calculus**

- |   |                             |
|---|-----------------------------|
| 1. Differentiation  | Pg 353-357                  |
| 2. Rules of differentiation   | Pg 360-369                  |
| 3. Finding the slope/rate of change using differentiation (Class worksheet and Notes) |                             |
| 4. Derivatives of composite functions   | Pg 371-378                  |
| 5. Using turning points to solve problems   | (Class worksheet and Notes) |
| 6. Application of differentiation   | (Class worksheet and Notes) |
| 7. Stationary, max, and min points  | (Class worksheet and Notes) |
| 8. Definite integration   | Pg 454 - 457                |
| 9. Area under a curve   | pg 475 - 479                |
| 10. Area between a curve and a straight line  | Pg 479 - 483                |

#### **Unit 2. Infinite Sequence and Infinite Series**

- |   |                             |
|---|-----------------------------|
| 1. Limit of Sequence                    | Pg 345-346                  |
| 2. Limits at Infinity                   | Pg 347-                     |
| 348                                     |                             |
| 3. Differentiation from first principal | Pg 355-                     |
| 357                                     |                             |
| 4. Sum of Infinite Series               | (Class worksheet and Notes) |

#### **Unit 3. Linear Programming**

- |  |                             |
|--|-----------------------------|
| 1. Graphs of Linear Equations and Inequalities | (Class worksheet and Notes) |
|--|-----------------------------|



2. Objective Functions and Inequality Constraint
3. Word Problems of Linear Programming

(Class worksheet and Notes)  
(Class worksheet and Notes)

### **Resources**

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|-----------|--|
| Required  | <ul style="list-style-type: none"><li>• A plastic folder for worksheets.</li><li>• White School Notebook</li><li>• Red and blue pen.</li></ul> |
| •         |  |
| Suggested | <ul style="list-style-type: none"><li>• Many different colored pens/markers/highlighters</li><li>• Ruler</li></ul>                             |

### **Academic Integrity Policy**

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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. Students should be expected to earn their scores. Scores of pass should not be given unless the student has attained sufficient knowledge to earn a passing grade.

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**

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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 (Notebooks, textbook, scientific calculator, writing utensils, etc.) and to actively participate throughout the lesson until class is dismissed.

Behavior is monitored every day as per the class rules that are set out at the beginning of the academic year (see the front of your note books). 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 for a full score of 10 points. Late work without excuse will be deducted at the rate of 10% per day until the maximum possible score is zero. All work must be turned in before the last week of each term. Late work is discouraged.

### Grading

This course follows to the Assumption College grading scale:

<i>Final Score</i> ≥ 80%	4.0
$75\% \leq \textit{Final Score} < 80\%$	3.5
$70\% \leq \textit{Final Score} < 75\%$	3.0
$65\% \leq \textit{Final Score} < 70\%$	2.5
$60\% \leq \textit{Final Score} < 65\%$	2.0
$55\% \leq \textit{Final Score} < 60\%$	1.5
$50\% \leq \textit{Final Score} < 55\%$	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:

Class work	20%
Class Participation	10%
Note book	10%
Behavior	10%
Quizzes	10%
Midterm (Summative) Exam	20% (program mandated)
Final Exam	20% (program mandated)

### Recommendations for Success



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

1. Read, read, read the course textbook. Often, 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. Get a Thai language introductory mathematics book.
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.
6. 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.
7. 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.





**Student Syllabus for: EP6 Foundation English EN30105**

**Teacher:** Mr. Hereward Campbell-Anderson

**Contact:** [Hereward.ca@assumption.ac.th](mailto:Hereward.ca@assumption.ac.th)

**COURSE DESCRIPTION:**

Welcome to Semester 1 of EP6 Foundation English 5. 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 reading, and writing intensive. In-class reading and writing 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 write about and analyze a variety of academic topics at university.

**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 International English language exam 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.



## **COURSE OUTLINE:**

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IELTS: the high-stakes English test for **study**, **migration** or **work**

- Reading: The reading component consists of 40 questions, designed to test a wide range of reading skills. These include reading for gist, reading for main ideas, reading for detail, skimming, understanding logical argument and recognizing writers' opinions, attitudes and purpose.
- Writing: You will be presented with a graph, table, chart or diagram and asked to describe, summarise or explain the information in your own words. You may be asked to describe and explain data, describe the stages of a process, how something works or describe an object or event.
- Vocabulary: Art, business & money, communication & personality, crime & punishment, economics, education, environment, family & children.

End of Midterm Exam Content – Start of Final Exam Content
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IELTS: the high-stakes English test for **study**, **migration** or **work**

- Reading: this includes three long texts which range from the descriptive and factual to the discursive and analytical. These are taken from books, journals, magazines and newspapers. They have been selected for a non-specialist audience but are appropriate for people entering university courses or seeking professional registration.
- Writing: you will be asked to write an essay in response to a point of view, argument or problem. Responses to both tasks must be in a formal style.
- Vocabulary: Food, health, language, technology, transport, travel, society, sport, work.

### **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 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:

Writing assignments (4)	12% (4 x 3%)
Speaking Assignments (4)	12% (4 x 3%)
Listening homeworks (4)	10% (4 x 2.5%)
Grammar homeworks (4)	8% (4 x 2%)
Reading homeworks (4)	8% (4 x 2%)
Behaviour	10%



<b>Week</b>	<b>Course Content</b>
1	<b>Listening</b> <ul style="list-style-type: none"><li>• Family and friends</li></ul> <b>Grammar</b> <ul style="list-style-type: none"><li>• Habitual actions, past and present</li></ul> <b>Vocabulary</b> <ul style="list-style-type: none"><li>• Literal vs. idiomatic phrasal verbs</li></ul>
2	<b>Vocabulary</b> <ul style="list-style-type: none"><li>• Three-part phrasal Verbs</li></ul> <b>Reading</b> <ul style="list-style-type: none"><li>• The boomerang generation</li></ul> <b>Speaking</b> <ul style="list-style-type: none"><li>• Talking about yourself</li></ul>
3	<b>Grammar</b> <ul style="list-style-type: none"><li>• Multi-word verbs</li></ul> <b>Vocabulary</b> <ul style="list-style-type: none"><li>• Colloquial expressions</li></ul>
4	<b>Writing</b> <ul style="list-style-type: none"><li>• Informal email structure</li></ul> <b>Vocabulary</b> <ul style="list-style-type: none"><li>• Food idioms and expressions</li></ul>
5	<b>Grammar</b> <ul style="list-style-type: none"><li>• Infinitive vs. gerund</li><li>• Review future tenses</li></ul> <b>Vocabulary</b> <ul style="list-style-type: none"><li>• Thinking of the future</li><li>• Commonly confused words</li></ul>
6	<b>Listening</b> <ul style="list-style-type: none"><li>• Living on Mars</li></ul> <b>Reading</b> <ul style="list-style-type: none"><li>• Could you be a forecaster</li></ul> <b>Speaking</b> <ul style="list-style-type: none"><li>• Discussing options</li></ul>
7	<b>Speaking</b> <ul style="list-style-type: none"><li>-Discussing options</li></ul> <b>Vocabulary</b> <ul style="list-style-type: none"><li>• Word formation: Suffixes</li></ul> <b>Writing</b> <ul style="list-style-type: none"><li>• Writing part 1 practice</li></ul>
8	<b>Review</b>
9	<b>Mid-term exam</b>
10	<b>Reading</b> <ul style="list-style-type: none"><li>• The pop-up revolution</li></ul>



	<b>Writing</b> Peer analysis of writing part 1
11	<b>Vocabulary</b> <ul style="list-style-type: none"><li>• Clothes and fashion</li><li>• Compound adjectives and nouns</li></ul> <b>Grammar</b> <ul style="list-style-type: none"><li>• Expressions with modals meanings</li></ul>
12	<b>Vocabulary</b> <ul style="list-style-type: none"><li>• Travel and tourism related adverbs and adjectives</li></ul> <b>Reading</b> <ul style="list-style-type: none"><li>• Travel trends</li></ul>
13	<b>Grammar</b> <ul style="list-style-type: none"><li>• Modifying comparative and superlative sentences</li></ul> <b>Listening</b> <ul style="list-style-type: none"><li>• An interview about fashion</li></ul>
14	<b>Vocabulary</b> <ul style="list-style-type: none"><li>• Landscape. Homophones, homonyms, homographs</li></ul> <b>Grammar</b> <ul style="list-style-type: none"><li>• Conditionals</li><li>• Conjunctions</li></ul>
15	<b>Speaking</b> <ul style="list-style-type: none"><li>• Contrasting opinions</li></ul> <b>Listening</b> <ul style="list-style-type: none"><li>• Innovative technologies and the environment</li></ul>
16	<b>Reading</b> The wonderful world of waymarking  <b>Vocabulary</b> <ul style="list-style-type: none"><li>• Celebrity. Dependent prepositions.</li></ul> <b>Reading</b> <ul style="list-style-type: none"><li>• Celebrity worship syndrome</li></ul> <b>Grammar</b> <ul style="list-style-type: none"><li>• Compound / complex sentences</li><li>• Reflective pronouns</li></ul>
17	<b>Writing</b> <ul style="list-style-type: none"><li>• High level opinion language</li><li>• Linking words</li><li>• Topic vocabulary</li></ul> <b>Grammar</b> <ul style="list-style-type: none"><li>• Relative clauses</li><li>• Participle clauses</li></ul>
18	<b>Writing</b> <ul style="list-style-type: none"><li>• Formal emails</li></ul>
19	<b>Review</b>
20	<b>Final Exam</b>



## **Student Syllabus for: EP6 *English for Life Skills 6*: EN30246**

**Teacher:** Mr. Joshua Bolen, J.D. (Mr. Bolen)

### **COURSE DESCRIPTION:**

Welcome to English for Life Skills M6! Through a series of engaging and enriching lessons using Mr. Bolen's selected materials, students will continue to strengthen their core knowledge of the language.

The Students will study and listen to a range of English texts. The Students will study and learn how to give effective presentations. They will use learning skills in the 21st century, which encourages the students to be able to have listening, critical thinking and problem solving skills. The learning skills will be used to make students possess learners' key competencies, which are thinking capability, problem solving capability, capability in applying life skills and capability in technological application. This will be done through the teaching and learning focusing on promoting Thai wisdom with respect to the language and literature and religion and tradition. Teaching and learning also promotes students to live under the Sufficiency Economy Philosophy. Students will be provided with desirable characteristics such as love of nation, religion and king, honesty and integrity and self-discipline. Additional important characteristics are avidity for learning, observance of principles of Sufficiency Economy Philosophy in one's way of life, dedication and commitment to work, cherishing Thai-ness, public-mindedness and gentlemen of Assumption College.

### **COURSE OBJECTIVES:**

#### **Indicators**

1. Listen to speakers from a range of countries, using different accents and talking in a range of contexts and situations.
2. Predict content before a listening exercise. Use contextual clues to anticipate topics, potential vocabulary and potential grammatical structures before listening.
3. Listen for gist. Show an understanding of the main ideas of a listening exercise after one listen.
4. Understand signposting language when listening. Show a knowledge and understanding of signposting language and how and why it is used. Make lists of the most common signposting language.
5. Listen for detail. Pick out specific information in a listening passage.
6. Infer relevant details when listening. Use contextual clues to gather information about meaning, who is speaking, what is happening and other questions appropriate to the listening exercise.
7. Practice listening activities that are connected to relevant international exams. Some of these should be done with past-paper questions and done in exam conditions.
8. Explain/discuss how listening can be improved, what techniques can be used and useful sources of practice material.
9. Watch examples of good and bad presentations. Have an accurate understanding of the characteristics of good and bad presentations and be able to plan presentations using the good



characteristics and avoiding the bad characteristics. The focus should be on presentation skills that may be useful for university admissions and studying at university.

10. Use verbal communication to effectively present information. Use various techniques such as variation of tone of voice and the stress of important words to convey ideas more clearly and concisely.
11. Use non-verbal communication effectively. Use various techniques such as body language and eye contact to show confidence to the audience.
12. Use signposting language effectively when presenting. Show a knowledge and understanding of signposting language and how and why it is used. Make lists of the most common signposting language that are used during presentations.

### **Learning Contents**

Study English on the topics of news, announcements, poems, skits, pictures, different non-text information styles such as maps, graphs, and initiatives. Study non-fictions, fictions, personal information, various experiences, incidents, themes from analyzed stories, languages, voices, social manners and cultures, traditions and customs, festivals, language structures, idioms, proverbs, poems, ways of life, beliefs and cultures of native speakers, and information related to other learning content groups. Use process of establishing knowledge and understanding, reading process, process of establishing practical skills, working process, process of language skills, process of establishing attitudes, process of conceptualization, process of analysis, process of establishing realization, and process of establishing communicative knowledge and understanding to create knowledge and understanding, communicative ability, thinking ability, problem-solving ability, life skills, and ability to use technology. At the same time, students will have the following intended characteristics which are nationalism, religiosity, loyalty, disciplines, diligence, self-sufficiency, endeavor, love of being Thai, and public mind.

### **Resources**

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|-----------|---|
| Required  | <ul style="list-style-type: none"><li>• At least 1 white notebook.</li><li>• Dictionary (English to English, not a translating one)</li><li>• Extra lines A4 paper for written assignments.</li></ul> |
| Suggested | <ul style="list-style-type: none"><li>• Many different colored pens/markers/highlighters</li></ul>  |

### **Academic Integrity Policy**

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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**

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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 (notebooks, textbook, writing utensils, etc.) and to actively participate throughout the lesson until class is dismissed.

Behavior is monitored every day as per the class rules that are set out at the beginning of the academic year (see the front of your note books). At the end of the semester the average is taken and used for the student's behavior score (20%). 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 A.C. gentleman
- Eager to learn
- Dedicated to work
- Have a sense of public consciousness
- Be honest and upright

### **Attendance & Tardiness**

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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**

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Homework and classwork will be assigned often and must be submitted on or before the due date for a score of 20 points. If the work is not done for the start of class, a maximum score of 15 will be possible. After more than one day has lapsed, a maximum score of 10 will be available. Late assignments can be submitted for a maximum of 50% (10 points) 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**

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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:





Total Score of all Assessment	Homework 80%
Behavior	10%
Attendance	10%

### **Recommendations for Success**

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

1. Be on task during class. Focus and follow instructions and do the required activities to your best abilities. Do not worry about making mistakes as they are the best way for us to incorporate the materials into our long-term memories.
2. Watch Movies, or TV shows, or YouTube with British / Australian accents, with the English subtitles is a good way to improve your speaking and listening skills; it also helps with vocabulary too.
3. Search online (in English) if you don't understand a topic discussed in class to get a better understanding of the topic.
4. Do not copy your classmate's 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.
6. Revise your work, as recommended by your teacher and work to continuously improve your work. Learning is a process, not a product.

### **Precise resources:**

- **Teacher** Handouts, Worksheets, Presentations.
- Whiteboards & Projector.



## **Student Syllabus for: EP6 English for Academic Achievement 5: EN30211**

**Teacher:** Mr. Joshua Bolen, J.D. (Mr. Bolen)

### **COURSE DESCRIPTION:**

Welcome to English for Academic Achievement M6! Throughout the semester we will continue to explore the skill groups of reading, writing, speaking. Through a series of engaging and enriching lessons using Mr. Bolen's selected materials, students will continue to strengthen their core knowledge of the language.

This course is writing, reading, listening and speaking intensive. You will regularly practice your writing, reading, listening and speaking skills. In-class essays, participation, presentations, quizzes and exams make up a majority of your grade.

The course is at an advanced beginner/pre-intermediate level and will move along with the pace of the majority of the class. 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:**

#### **Indicators**

1. Read statements, news, announcements, correctly according to reading strategies.
2. Explain and write about sentences and statements corresponding to different non-text information when reading including identifying and writing different non-text information styles corresponding to sentences and statements when listening and reading.
3. Find main idea, analyze, summarize, and interpret ideas and express opinions when listening and reading non-fictions and fictions including giving reasons and examples to support ideas.
4. Talk and write interactively about personal information and other surrounding incidents, experiences, situations, news/events, and interesting issues in public attention, and communicate continuously and properly.
5. Talk and write about the summary of main idea/theme when analyzing stories, activities, news, events, and situations according to personal interests.
6. Choose languages, voices, and manners appropriate to personal levels, opportunities, and places according to social manners and cultures of native speakers.
7. Explain/Discuss ways of life, ideas, beliefs, and origins of customs and traditions of native speakers.
8. Explain/Compare differences between sentence structures, statements, idioms, proverbs, and poems of foreign and Thai languages.
9. Analyze/Discuss similarities and differences between ways of life, beliefs, and cultures of native speakers and Thai people and use them reasonably.
10. Search for, collect, and conclude information/facts related to other learning content groups from learning resources and present it with speaking/writing.
11. Use foreign languages to investigate/search for, collect, analyze, and conclude various knowledge/information from media and other learning resources for further education and careers.



## **Learning Contents**

Study English on the topics of news, announcements, poems, skits, pictures, different non-text information styles such as maps, graphs, and initiatives. Study non-fictions, fictions, personal information, various experiences, incidents, themes from analyzed stories, languages, voices, social manners and cultures, traditions and customs, festivals, language structures, idioms, proverbs, poems, ways of life, beliefs and cultures of native speakers, and information related to other learning content groups. Use process of establishing knowledge and understanding, reading process, process of establishing practical skills, working process, process of language skills, process of establishing attitudes, process of conceptualization, process of analysis, process of establishing realization, and process of establishing communicative knowledge and understanding to create knowledge and understanding, communicative ability, thinking ability, problem-solving ability, life skills, and ability to use technology. At the same time, students will have the following intended characteristics which are nationalism, religiosity, loyalty, disciplines, diligence, self-sufficiency, endeavor, love of being Thai, and public mind.

## **Resources**

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- |           |  |
|-----------|--|
| Required  | <ul style="list-style-type: none"><li>• At least 3 white notebooks.</li><li>• Dictionary (English to English, not a translating one)</li><li>• Extra lines A4 paper for written assignments.</li></ul> |
| Suggested | <ul style="list-style-type: none"><li>• Many different colored pens/markers/highlighters</li></ul>   |

## **Academic Integrity Policy**

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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 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.

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**

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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 (notebooks, textbook, writing utensils, etc.) and to actively participate throughout the lesson until class is dismissed.



Behavior is monitored every day as per the class rules that are set out at the beginning of the academic year (see the front of your note books). At the end of the semester the average is taken and used for the student's behavior score (20%). 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 A.C. gentleman
- Eager to learn
- Dedicated to work
- Have a sense of public consciousness
- Be honest and upright

### **Attendance & Tardiness**

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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**

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Homework and classwork will be assigned often and must be submitted on or before the due date for a score of 20 points. If the work is not done for the start of class, a maximum score of 15 will be possible. After more than one day has lapsed, a maximum score of 10 will be available. Late assignments can be submitted for a maximum of 50% (10 points) 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**

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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:

Total Score of all Formative Assessment*	50%
Behavior	10%
Midterm (Summative) Exam	20% (program mandated)
Final Exam	20% (program mandated)

\* This total score shall be reflected by the cumulative points scored by students on all class assignments, homework, extra credit work, etc.

## Recommendations for Success

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

1. Be on task during class. Focus and follow instructions and do the required activities to your best abilities. Do not worry about making mistakes as they are the best way for us to incorporate the materials into our long-term memories.
2. Watch Movies, or TV shows, or YouTube with British / Australian accents, with the English subtitles is a good way to improve your speaking and listening skills; it also helps with vocabulary too.
3. Search online (in English) if you don't understand a topic discussed in class to get a better understanding of the topic.
4. Do not copy your classmate's 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.
6. Revise your work, as recommended by your teacher and work to continuously improve your work. Learning is a process, not a product.

## Precise resources:

- **Teacher** Handouts, Worksheets, Presentation.
- Whiteboards & projector



THE **ENGLISH PROGRAM** AT ASSUMPTION COLLEGE  
EP-M.6 Course Syllabus – Semester 1/2024

<u>Week</u>	<u>Topics</u>
1	Free Time, Hobbies and Activities.
2	Nutrition & Food.
3	Innovation & Technology.
4	Architecture & Historical Buildings, Places.
5	Social Media and Social Events.
6	Education.
7	Life Goals & Strategies.
8	Advertising.
9	<b>MIDTERM REVIEW</b>
10	<b>MIDTERM</b>
11	Evidence Based Reading Questions. Skimming & Scanning. Practice Test.
12	IELTS Task 2 Writing: Technology <i>Advantages and Disadvantages</i> .
13	Evidence Based Reading Questions. True-False-Not Given. Practice Test.
14	IELTS Writing – Life Goals. Topic Vocabulary.
15	Evidence Based Reading Questions. True-False-Not Given. Practice Test.
16	IELTS Task 2 Writing. Discuss Both Views Essay.
17	Evidence Based Reading Questions. <u>Matching</u> Headings. Practice Test.
18	IELTS Writing: Cause – Effect Essays..
19	<b>FINAL EXAM REVIEW</b>
20	<b>FINAL EXAM</b>



**Grammar Review - MANDATORY**

This folder contains review of the more important grammar points you should be able to master before you leave Assumption College. These review folders will be improve vital grammar points for your SAT / IELTS Exams. There are helpful tutorial videos, and short quizzes to help you improve.

**Grammar is the SAT / IELTS killer. Review your grammar and reverse this trend.**

All students must complete all the assignments in this folder.



## ST30281 B6/2 Integrated Science

<b>Teacher</b>	Mr. Michael Dew
<b>Contact</b>	EP Teacher Room, 2- Floor, Colombet Bldg.
<b>Class Time</b>	EP-M 6/2: Tuesday Period 3, Thursday Period 3 and 4
<b>Credits</b>	1.5 (3 Periods /week)

### Course Description

This course in Integrated science focuses on cell biology, chromosomes, DNA, ecological succession, organism diversity, and natural selection. The course offers both a conceptual foundation and qualitative presentation of integrated science topics. As with many courses within EP, critical thinking skills are emphasized over those of rote learning. The course will closely follow the order and content of the latest version of content as a part of this course, which provides some of the major topics in university level science courses.

Demonstrations, computer-simulated activities and laboratory sessions will allow students to learn basic laboratory techniques, lab safety and get a hands-on experience of the theories and concepts learned in the lectures. As with many courses within the English Program, critical thinking skills are emphasized over those of rote learning and BMAT- style questions are a part of the evaluation process.

### Textbook

- *International A Level Integrated Science, Oxford International AQA Examinations.*  
Supplementary:
- *BMAT Past Paper Worked Solutions (2003-2017) 2018*

### Course Outline & Objectives

#### Chapter 1: Genetics

- 1.1 Genetic material
- 1.2 DNA nucleotides
- 1.3 DNA replication and Transcription
- 1.4 Translation and protein synthesis

#### Chapter 2: Cell Biology

- 3.1 Organism cell structure and function
- 3.2 Cellular communication and signaling



- 3.3 Cellular transport
- 3.4 Organism equilibrium

### **Chapter 3: Ecosystem**

- 2.1 Effects of ecosystem on humans and the environment
- 2.2 Ecosystem relationships
- 2.3 Ecosystem succession
- 2.4 Ecosystem effects on population, biodiversity, and evolution.
- 2.5 DNA mutations and Biological Diversity

### **Chapter 4: Human Body Systems**

- 4.1 Respiratory system
- 4.2 Excretory system
- 4.3 Circular system
- 4.4 Lymphatic system
- 4.5 Immune system

### **Chapter 5: Scientific Knowledge and Investigation**

- 5.1 Scientific Investigation and Research
- 5.2 Data Analysis and Interpretation

### **Resources**

- |           |   |
|-----------|---|
| Required  | <ul style="list-style-type: none"><li>• Assumption Notebook (2)</li><li>• Binder/ folder</li><li>• Scientific calculator (not a phone-based application)</li><li>• Ruler</li></ul>  |
| Suggested | <ul style="list-style-type: none"><li>• Many different colored pens/markers/highlighters</li><li>• Electronic Thai-English translator (not a phone-based application)</li><li>• A Matayom-level chemistry practice book in Thai</li></ul> |

### **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 (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.

### **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**

Foundation Chemistry 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:

Homework/Classwork/Projects	30%
Class Test	20%
Behavior	10% (program mandated)
Midterm Exam	20% (program mandated)
Final Exam	20% (program mandated)

### Recommendations for Success

All students are encouraged to try the following:

1. 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. Get a Thai language science and technology book.
4. Do **not** copy your classmate's 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.
6. 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.

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.



## **OC30227 Principles of Marketing**

**Teacher** Dr. Hermann Gruenwald  
**Contact** EP Teacher Room, 2<sup>nd</sup> Floor Colombet Building  
Hermann\_gr@assumption.gmail.com

**Website** <https://classroom.google.com/w/Njg0NTU3OTMzNDgw/t/all>

**Class Time** M6/2B Tuesday 11:10-12:00  
M6/2B Monday 9:20 – 10:10

**Credits** 1

### **Learning Content Description**

Students will study the principles of marketing and how to apply them. Focusing on the 4Ps of product marketing with product, price, place and promotion in an international setting we will explore both advertisement as well as personal selling. In service marketing the 4P model will be extended to the 7P model with physical evidence, process and people. Students will learn through the analytic thinking process, problem solving process, practices, group work, and attitude building process. Students are expected to subsequently develop the ability to communicate, to think, and to solve problems in a business and marketing context. Life skills and the use of technology are also to be enhanced through this course of study. Students will additionally develop lifelong learning skills, as well as skill sets to be creative and innovative -- think creatively, demonstrate innovation, use critical thinking, solve problems wisely, communicate effectively, and be a team player to work productively with others. International marketing related skills will be the focus of this course. Students are expected to learn about sales and marketing as well as on-line marketing and the use of social media. Students have to keep themselves updated with news and information, to gain a good judgement on media, to become well-rounded individuals in the field of marketing in the digital age. Other skills that will be fostered are life and career skills which cover flexibility, adaptability, creativity, self-responsibility and social skills. As for the students' desired characteristics, the course will focus on ethics, honesty, discipline, avidity for learning, dedication for work and public service.

The goals of the Principles of Marketing subject and the Learning Outcomes are to:

1. Apply concepts and principles to effectively manage the marketing of products and services.
2. Explain the principles of marketing including product, price, place and promotion for running marketing organizations on a national and international basis.
3. Present how to apply the marketing principles to various industries and product categories.
4. Know the principles of service marketing and evaluate their application with morality and business ethics.



## **Resources**

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- Required
- A pink A.C. notebook (minimum A4 size)
  - Basic stationary (pen, pencil, eraser, ruler, sharpener etc.)
  - Extra stationary (glue stick, stapler, tape, liquid paper etc.)
  - AC Portfolio A4 with clear front cover
- Suggested
- Various colored pens / markers / highlighters / pencils
- Occasional
- Smart phones for research in class
  - USB thumb drives to save typed work onto
  - Materials potentially needed for special projects
- The above will be requested a week in advance of use*

## **Academic Integrity Policy**

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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**

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

## **Attendance & Tardiness**

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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 check schoology for the content of the lectures and the in-class assignments and homework and project assignments.

### **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	10%	Affective Domain
Class Work	10%	Formative
Home Work	10%	Formative
Presentation	10%	Formative
Portfolio	10%	Formative
Team Work	10%	Formative
		50% 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
6. Check schoology.com for assignments and course materials and grades