

Course syllabus Semester 1

Learning Group: Chinese

Subject: Chinese Language7

Year Level: 10

Total: 1.0credit

Number	Topics	Contents	B.E. 2551 Standard	B.E. 2551 Grade Level indicators	Objectives	Assessment Scores
1	<p>This course aims to help students develop fundamental Chinese language skills, Including speaking, listening, reading, and writing.</p> <p>Basic vocabulary and grammar are introduced and taught in a communicative context.</p> <p>To reinforce learning, students are engaged in a wide variety of activities, such as role playing, task</p>	<ol style="list-style-type: none"> 1. Transportation 2. Distance 3. Traffic 4. Places 	Grade 10	<ul style="list-style-type: none"> • Use Pinyin (the PRC 's official romanized "spelling" system for Chinese syllables) to accurately Pronounce Chinese words. • To practice the real conversation in Chinese life 	Talk about daily activities using basic vocabulary, grammar patterns, and standard usage with clear pronunciation and correct tones	20
		<ol style="list-style-type: none"> 5. Occupation 6. Future plans 7. Essay 		Use correct vocabulary and grammar introduced in the course to carry out simple daily life conversations in Chinese on selected topics, such as greetings, telling dates & time, family, hobbies, visiting friends, & occupations	Recognize 50-80 Chinese characters and produce the sounds associated with the characters.	30
Final Exam Semester 1						50
Total Score for Semester 1						100

Course syllabus Semester 2

Learning Group: Chinese

Subject: Chinese Language 6

Year Level: 10

Total: 1.0 credit

Number	Topics	Contents	B.E. 2551 Standard	B.E. 2551 Grade Level indicators	Objectives	Assessment Scores
1	Centered group work and timely homework submissions. Various aspects of Chinese culture and daily life topics are also covered in this course.	5. Homework 6. Objects 7. Excerice 8. Sports		• Students should prepare the course text and try to speak Chinese and review what they have learned on lessons.	• Write 40-50 Chinese characters in the Simplified Chinese. • Demonstrate comprehension of, and respond to, simple dialogues and speeches on given topics.	20
		Revision		Students will be able to use the communicating skills learned from this class.	• Demonstrate comprehension of short reading selections.	30
Final Exam Semester 2						50
Total Score for Semester 2						100

Course Syllabus (Midterm-Semester 1/2017)

Learning Group: English

Subject Code:

Subject: English

Year Level: 10

Total: 2 periods / week

Credit: 1.0

Week	Period	Topic	Contents	Objectives: The students should be able to...
1	1-2	Sociology	Definition of Role model Reading - Article 1:- Why do we need a Role Model? Listening – Best of both worlds.	Talk about their Role model(s) Define and use the vocabulary taught in the class. Improve their listening, and reading skills
2	3-4	Sociology	Gerunds and Infinitives Pronunciation – Syllable stress	Gain better understanding of grammar. Improve their grammar. Form grammatically correct sentences.
3	5-6	Sociology	Reading - Article 2: Search for 100 real-life heroes. Listening – Myths of effective leadership	Define and use the vocabulary taught in the class. Improve their listening, and reading skills
4	7-8	Sociology	Essay – Definition, Organizing and developing an essay	Understand what an essay is. Understand different types of essays. Develop skills to write an effective essay.
5	9-10	Consumer behavior	Concept of Consumer behavior. Reading Article 1: So much dead space	Talk about their shopping behavior. Learn how to take notes effectively.

			Listening – A perfect mess. Note-taking skills using a T-chart	Improve their listening, and reading skills.
6	11-12	Consumer behavior	Grammar – Definite and Indefinite articles. Subjunctive for suggestions.	Learn grammar rules and how to use them in writing and speaking.
7	13-14	Consumer behavior	Reading - Article 2: Now on stage: Your home! Vocabulary: Collocations with nouns. Listening – The Changing business dress code. Pronunciation – Unstressed syllables.	Pronounce words properly. Learn new vocabulary. Improve their listening skills
8	15-16	Consumer behavior	Writing - Descriptive essay. Parts in a descriptive essay.	Write a descriptive essay.

Course Syllabus (Midterm-Semester 1/2017)

Learning Group: Math

Subject Code: MA

Subject: Math

Year Level: 10

Total: 2 periods / week

Credit: 1.0

Week	Period	Topic	Contents	Objectives: The students should be able to...
1	1-2	Set	<ul style="list-style-type: none"> - Introduction to set --parts and types of set. - Writing set in a notation form and finding subset. 	Explain what a set is and give some examples to support the explanation
2	3-4	Set	Operations of set—union and intersection	Distinguish between union and intersection of sets and solve problems correctly
3	5-6	Set	Operations of set--complement	Solve problem regarding complement of set accurately
4	7-8	Set	Venn diagram	Draw a Venn diagram properly and correctly
5	9-10	Reasoning	Introduction to reasoning	Explain about reasoning clearly with some examples to support the explanation
6	11-12	Reasoning	Truth value using AND and OR	Find the truth value of mathematical statements joined by AND or OR
7	13-14	Reasoning	Truth value using IF \rightarrow THEN, and other types of conditions	Find the truth value of mathematical statements using if \rightarrow then and other types of conditions
8	15-16	<ul style="list-style-type: none"> - Equations and Inequalities - Surds and Indices 	<ul style="list-style-type: none"> - Simultaneous Equation - Sum and product of Roots - Discriminant, Roots and x – intercepts - Quadratic Inequalities. 	

Course Syllabus (Midterm-Semester 1/2017)

Learning Group: **Science**

Subject Code: SC21201

Subject: Science

Year Level: **10**

Total: 2 periods / week

Credit: 1.0

Week	Period	Topic	Contents	Objectives: The students should be able to...
1	1-2	Introduction to Physics	Physical quantities, standard units, addition of vectors using graphical and mathematical method	<ol style="list-style-type: none"> 1. differentiate vector and scalar quantities 2. add vectors using graphical and mathematical method
2	3-4	Linear Motion Motion in One Dimension	Average acceleration, speed, velocity and average speed, average acceleration, distance-time graph,, velocity-time graph, uniformly accelerated motion, SUVAT equation	<ol style="list-style-type: none"> 1. define/describe average acceleration, speed, velocity, average speed, distance-time graph, velocity-time graph, uniformly accelerated motion 2. Calculate and use the SUVAT formulae in problem solving involving linear motion
3	5-6	Projectile Motion Uniform Circular Motion	Acceleration due to gravity, terminal velocity, throwing downward and upward Centripetal motion	<ol style="list-style-type: none"> 1. explain, describe acceleration due to gravity, terminal velocity, centripetal motion 2. relate the concepts in practical applications
4	7-8	Simple Harmonic Motion	Oscillations, Displacement, Velocity and Acceleration, Equilibrium and Restoring Forces Inertia, Sine Waves, Damping, Forced Oscillations, Resonance and Breaking Glasses Damping revisited	<ol style="list-style-type: none"> 1. define and describe the terms: Oscillations, Displacement, Velocity and Acceleration, Equilibrium and Restoring Forces Inertia, Sine Waves, Damping, Forced Oscillations, Resonance and Breaking Glasses Damping revisited 2. explain the principles on simple harmonic motion

5	9-10	Gravity	Motion of the object in gravitational field, motion of electrical molecule in electrical field and magnetic field	1. explain and describe Motion of the object in gravitational field, motion of electrical molecule in electrical field and magnetic field
6	11-12	Molecular Bond	Types of bonds, how bonds are formed	1. explain and describe the types of bonds, how bonds are formed
7	13-14	Waves EM waves	Mechanical waves, sound waves, quality of sound and hearing	1. explain and describe : Mechanical waves, sound waves, quality of sound and hearing
8	15-16	Nuclear Physics	Nuclear reaction, radioactivity	1. explain and describe: Nuclear reaction, radioactivity

Course Syllabus (Midterm-Semester 1/2017)

Learning Group: Social Studies

Subject Code:

Subject: Social Studies

Year Level: 10

Total: 2 periods / week

Credit: 1.0

Week	Period	Topic	Contents	Objectives: The students should be able to...
1	1-2	Investigating the past	- What is history?	<ul style="list-style-type: none"> • Define history. • Understand how people make history.
2	3-4	Investigating the past	- How do we measure history?	<ul style="list-style-type: none"> • Define the terms chronology, anachronism, prehistory and history. • Understand how time is measured in history.
3	5-6	Investigating the past	<ul style="list-style-type: none"> - Why do we study history? - How do we know about history? 	<ul style="list-style-type: none"> • Understand how events make history. • Understand what is involved in the study of history. • Identify different types of sources. • Understand the importance of archaeology.
4	7-8	Investigating the past	- What problems do historians face?	<ul style="list-style-type: none"> • Understand the importance of archaeology. • Understand the difference between fact and an opinion.
5	9-10	Civilisations, Kingdoms and Empires	- Introduction to Civilisations, Kingdoms and Empires	<ul style="list-style-type: none"> • Understand the term 'civilisation', 'kingdom', and 'empire'. • List the factors people need to build a civilization / the factors that led to the rise of civilisations. • Distinguish the differences between civilisations, kingdoms and empires.

6	11-12	Civilisations, Kingdoms and Empires	<ul style="list-style-type: none"> - Factors for the Rise of a River Valley Civilization <ul style="list-style-type: none"> • The Indus Valley Civilisation • The Ancient Chinese 	<ul style="list-style-type: none"> • Identify the factors that led to the rise of the Indus Valley Civilisation. • Identify the factors that led to the rise of Shang Civilisation. • Understand the background of the ancient Chinese Civilisation. • Identify the factors that led to the rise of Shang Civilisation.
7	13-14	Civilisations, Kingdoms and Empires	<ul style="list-style-type: none"> - The Dong-son Civilisation 	<ul style="list-style-type: none"> • Know the Dong-son Civilisation as another example of an ancient river civilisation.
8	15-16	Midterm Exam Semester 1		