Module Synopsis

**English Language (1128)**
This module primarily aims for the students to be able to communicate effectively in English through developing their macro-skills:
1. Listen to, read and view with understanding, accuracy and critical appreciation, a wide range of fiction and non-fiction texts from print, non-print and electronic sources.
2. Speak, write and make presentations in internationally acceptable English that is grammatical, fluent and appropriate for purpose, audience, context and culture. At higher levels of proficiency, students will speak and write for academic purposes and creative expression, using language that is inventive and imaginative.
3. Understand and use internationally acceptable English (Standard English) grammar and vocabulary accurately and appropriately as well as understand how speakers/writers put words together and use language to communicate meaning and achieve impact.
4. Think through, interpret and evaluate fiction and non-fiction texts from print and electronic sources to analyse: how language is used to evoke responses and construct meaning; how information is presented; and how different modes of presentation create impact.
5. Interact effectively with people from their own or different cultures.

**Mathematics (4016)**
This subject provides students with the fundamental mathematical knowledge and skills. Further, at the end of the module, it aims to enable students to acquire the necessary mathematical concepts and skills for continuous learning in mathematics and related disciplines, and for applications to the real world.

1. Acquire the necessary mathematical concepts and skills for continuous learning in mathematics and related disciplines, and for applications to the real world;
2. Develop the necessary process skills for the acquisition and application of mathematical concepts and skills;
3. Develop the mathematical thinking and problem solving skills and apply these skills to formulate and solve problems;
4. Recognise and use connections among mathematical ideas, and between mathematics and other disciplines;
5. Develop positive attitudes towards mathematics;
6. Make effective use of a variety of mathematical tools (including information and communication technology tools) in the learning and application of mathematics;
7. Produce imaginative and creative work arising from mathematical ideas;
8. Develop the abilities to reason logically, to communicate mathematically, and to learn cooperatively and independently.
Additional Mathematics (4038)
This subject aims to prepare students for future General Certificate of Education (Advanced Level) Mathematics which requires a strong foundation in algebraic manipulation skills and mathematical reasoning skills. Along with Elementary Mathematics, these 2 subjects are intended to equip students with the necessary mathematical concepts and skills for continuous learning in Mathematics and related discipline.

Science
(Physics, Chemistry) (5076)
(Physics, Biology) (5077)
(Physics, Chemistry) (5078)
This combined science education programme seeks to develop the academic students' knowledge, skills, attitudes and values that will allow them to take an informed position on scientific issues and tensions that may be facing them in today's society. It gives students the opportunity to study Biology, Chemistry and Physics, each covered in separate syllabus sections. Students gain an understanding of the basic principles of each subject through a mix of theoretical and practical studies, while also developing an understanding of the scientific skills essential for further study. They learn how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment. As well as focusing on the individual sciences, the syllabus helps students to understand the technological world in which they live, and take an informed interest in science and scientific developments.

Principles of Accounts (7092)
The syllabus predominantly aims to develop an understanding of the principles and concepts of accounting and their applications in a variety of business situations. Also, through this module, the candidates will acquire basic knowledge in double entry and develop the ability to prepare, present, analyse and interpret financial statements

1. Acquire knowledge and understanding of fundamental accounting concepts, principles, and procedures in the context of business aims and activities;
2. Develop skills in preparing, analysing and interpreting accounting information and understanding their implication;
3. Develop an understanding of the role of accounting in providing an information system for monitoring and decision making;
4. Develop skills of numeracy, information technology literacy, communication, inquiry, presentation and interpretation;
5. Develop attitudes of accuracy, orderliness and logical thought and an appreciation of professional ethics
**Combined Humanities (2204)**

**Social Studies**

The proposed syllabus is organised around two core ideas - "Being Rooted" and "Living Global". Through these two ideas, the syllabus aims to develop our students to become well-informed and responsible citizens who have a sense of national identity and a global perspective.

**Geography Elective**

This module is comprised of two major areas: Physical Geography and Human Geography. The first area covers Natural Vegetation and River and Coasts; while the latter includes topics on Geography of Food and Development Purposely.

**History Elective**

This module is designed to provide students with a global perspective of the complexities of international relations. It also highlights the importance of understanding and interpreting history in all its complexity - its people, events, issues, periods, turning points, themes and sources. Likewise, this subject equips students with the necessary skills to make reasoned and informed decisions.

**Mother Tongue**

- **Chinese Language (1162)**
- **Malay Language (1132)**

The mother tongue language subjects cover the understanding and application of the language. These syllabuses also intend to enhance the listening, speaking, reading and writing skills of the students' mother tongue.

Students will be assessed on their ability to understand and respond to the spoken and written language, showing knowledge of a range and variety of vocabulary while applying grammar and structures correctly.

For more information on the GCE 'O' Level Examination syllabus, the candidate may visit [www.seab.gov.sg](http://www.seab.gov.sg)