

**MT. ALVERNIA HIGH SCHOOL
2 QUEEN'S DRIVE
P.O. BOX 124 • MONTEGO BAY • ST. JAMES**

DECISION MAKING REGARDING SUBJECT CHOICES-2013

After three years in Mt. Alvernia High School a student should have a good basic foundation for higher studies. She will have been given an idea of most subjects and disciplines, and should be able to know to a great extent where her interest, aptitude and abilities lie. With proper guidance from her parents and teachers as well as the knowledge acquired from Career Talks and her Christian Family Life Classes, she should be able to make subject choices in line with her career goal.

In making her choice, the student is advised to be realistic, giving due consideration to interest, personality traits, past performance and preparedness to make a sustained effort in the future.

THE FINAL DECISION IS RESERVED FOR THE SCHOOL.

CURRICULUM FOR GRADES 10 AND 11 IS MADE UP OF THE FOLLOWING:

1. Core Subjects:

English Language

Mathematics/Add Mathematics

One Science Subject i.e. *Biology / Human & Social Biology/ Integrated Science*

Home & Family Life Education (School Course)

2. Option Subjects: Students will select 2 subjects from each option in order of preference

OPTION 1: VISUAL ART / ELECTRONIC DOCUMENTATION PREPARATION
&MANAGEMENT (EDP&M)/ GEOGRAPHY/ RELIGIOUS EDUCATION

OPTION 2: ENGLISH LITERATURE /PRINCIPLES OF BUSINESS/TECHNICAL DRAWING/
PHYSICAL EDUCATION

OPTION 3: CHEMISTRY/ CLOTHING & TEXTILES / INFORMATION TECHNOLOGY/
SOCIAL STUDIES

OPTION 4: HISTORY / PHYSICS/ PRINCIPLES OF ACCOUNTS /
HOME MANAGEMENT

OPTION 5: FOOD & NUTRITION/ INFORMATION TECHNOLOGY/ OFFICE
ADMINISTRATION/ SPANISH

GENERAL INFORMATION FOR SUBJECTS

1. If you choose Chemistry and/or Physics, you MUST take BIOLOGY
2. Information Technology CANNOT be taken with EDPM.
3. If you do business you must do EDPM or IT

Once a student is registered for a subject in Grade 10, SHE CANNOT DROP this subject in Grade 10.

GENERAL INFORMATION FOR SUBJECTS

SUBJECT	GENERAL INFORMATION	SOME RELATED CAREERS
MATHEMATICS	Mathematics is essential for all careers as it provides the basis for numeracy and problem solving skills	All professions related to Science and Technology, e.g. Actuary Science, Accounting, Auditing, Education, Statistician, and Systems Analyst.
ENGLISH LANGUAGE	The course explores the use of English Language in communication. It also seeks to hone comprehension and reasoning skills.	Journalism, Communication, Creative Writing – prose and poetry, Law, Education, Politics.
ENGLISH LITERATURE	<p>The course develops your ability to analyse and also helps you to understand how events influence people’s behaviour.</p> <p><i>Requirements: Competence in English Literature in Grade 9, at least 60%. The student should also be an avid reader and a critical thinker.</i></p>	Editor, Law, Playwright, Critic, Journalism, Law
SPANISH	<p>When you study a language, you learn much more than vocabulary and grammar. You learn about people who speak the language and the influence they have had on our lives. Some day you may travel, live or work in a foreign country. Being able to communicate in another language can be an advantage when you are looking for employment in almost any field.</p> <p><i>Requirements: At least 55% in Spanish and 60% in English Language in Grade 9.</i></p>	Journalist, Sportscaster, Hotel Receptionist, Tour Guide, Travel Agent, Lawyer, Engineer, Economist, Financial Expert, Interpreter, Flight Attendant, Diplomat, Translator, Teacher, Publisher, Librarian.

SUBJECT	GENERAL INFORMATION	SOME RELATED CAREERS
INFORMATION TECHNOLOGY	<p>The course explores the components of a computer system – input, output, process and storage. The students will also learn the application software – spreadsheet, data base management and word processing. The course also exposes the students to related careers in the field of Information Technology.</p> <p><i>Requirements: Competence in Information Technology in Grade 9, at least 75% average. Dependent on availability of computers</i></p>	<p>Administrative Assistant, Programmer, Web Designer, Graphics Designer, Systems Administrator, Network Manager, Data Operations Manager, Systems Analyst, Computer Technician.</p>
VISUAL ARTS	<p>The exploration, analysis and communication of art through different expressions such as drawing, painting, decorative craft and printing.</p> <p><i>Requirements: Competence in Visual Arts – at least 65%, good ‘eye-hand’ coordination, a Portfolio with relevant Art pieces, recommendation of the teacher</i></p>	<p>Graphic Artist, Fashion Designer, Interior Decorator and Designer, Set Designer, Games Designer, Sculptor, Painter, Ceramicist, Jeweller, Computer Graphic Artist, Teacher, Art Educator, Textiles, Fine Arts, Photographer, Architect, Animator, Computer-Generated Imagery, Cartoon Graphics, Industrial Designer</p>
PHYSICAL EDUCATION	<p>The course develops an individual’s awareness and understanding of the elements and dimensions of movement and forms the basis for the learning of sport skills.</p> <p><i>Requirement: Love of Sports</i></p>	<p>Athlete, Coach, Curriculum Officer, Sports’ Agent, Sports’ Administrator, Sports’ Law, Sports’ Equipment Dealer, Sports’ Journalist, , Sports’ Medicine, Sports’ Organizer, Sports’ Psychologist.</p>
FOOD AND NUTRITION	<p>The ability to understand, demonstrate, apply and appreciate the various aspects of food preparation and service as well as proper nutrition.</p> <p><i>Requirements: Competence in Food and Nutrition in Grade 9, at least 65%. Dependent on availability of space in the Lab.</i></p>	<p>Careers in Food and Hospitality Sectors, Food technologist, Food Chemist, Dietician, Public Health Inspector, Nursing and Medicine</p>

SUBJECT	GENERAL INFORMATION	SOME RELATED CAREERS
CLOTHING AND TEXTILES	This subject is designed to enable individuals to make intelligent decisions about the choice and importance of clothing and other sewn products. It allows students to acquire skills that enable them to produce these products and to utilize the acquired skills for employment and leisure.	Fashion Designer, Interior Decorator, Interior Designer, Technical Illustrator, Fashion Merchandiser, Costume Designer, Textile Designer.
HOME ECONOMICS MANAGEMENT	This subject is designed to enable individuals to develop knowledge, attitudes and skills to manage available resources to attain family goals. It encourages the development of management capabilities	Tourism & Hospitality Management, Catering, Child Care, Nursery Manager/Owner.
BIOLOGY	<p>A study of living organisms in the environment, life processes, continuity of life and variation, diseases and man, the environment and man. This includes knowledge of the anatomy and physiology of organisms and recognition of the importance of scientific knowledge, principles and process skills in solving problems.</p> <p><i>Requirements: A good attitude, and at least 70% in Integrated Science in Grade 9.</i></p>	Medicine, Dentistry, Veterinary Science, Marine Biology, Nursing, Research, Teaching to name a few.
CHEMISTRY	<p>The study of the nature and properties of nonliving substances. This includes the need to understand the basic chemical concepts in sufficient depth to provide adequate foundation for specialization, the relevance of Chemistry to every day life.</p> <p><i>Requirements: At least 70% in Integrated Science in Grade 9 and at least 60% in Mathematics and a good attitude.</i></p>	Teaching, Medicine, Engineering, Dietetics, Food Science, Nursing, Research Chemist, Pharmacy, Law (due to new techniques involving DNA testing), Forensic Science, Geology, Environmental Science

SUBJECT	GENERAL INFORMATION	SOME RELATED CAREERS
PHYSICS	<p>CXC Physics seeks to develop the ability to apply an understanding of the principles of Physics to situations which may not be familiar, to design and perform experiments and carry out other investigations, to gather information and present it in tabular, graphical or other acceptable forms.</p> <p><i>Requirements: Competence in Integrated Science – at least 70%, and at least 60% in Mathematics. Students are also required to have strong reasoning skills and strong manipulative skills.</i></p>	<p>Physicist, Engineer, Medicine, Medical Technology, Radiography, Pilot, Architect, Education, Surveyor.</p>
INTEGRATED SCIENCE	<p>In our daily lives, many of our decisions demand knowledge of science. A lack of this knowledge could result in an inability to deal satisfactorily with many of the situations that confront us. Science should, therefore, be an important part of our general education. Integrated Science attempts to meet this need.</p> <p><i>Requirements: Good attitude to work.</i></p>	<p>Scientific Research, Nursing, Laboratory Technology.</p>
HUMAN AND SOCIAL BIOLOGY	<p>This deals with the study of the structure and functioning of the human body. It also includes the application of biological principles to the maintenance of health and to the problems of living together.</p>	<p>Public Health, Teaching Environmentalist.</p>
PRINCIPLES OF ACCOUNTS	<p>This includes the study of the purpose, principles, concepts, methods, terms of book and record keeping used in standard.</p> <p><i>Requirements: Basic Numeracy Skills</i></p>	<p>Chartered Accounting, Auditing, Financial Analysis, Payroll Officer, and Accounting.</p>

SUBJECT	GENERAL INFORMATION	SOME RELATED CAREERS
<p>PRINCIPLES OF BUSINESS</p>	<p>This is the study of Commerce and Economics. It includes a development of the understanding of business practices as well as the social and economic systems in Jamaica and other Caribbean Territories.</p> <p><i>Requirements: Good work attitude, Good reading, writing and numerate skills.</i></p>	<p>Marketing, Human Resource Development, Banking, Insurance, Tourism, Education, Research, Management</p>
<p>OFFICE ADMINISTRATION</p>	<p>This subject is designed to provide students with the knowledge, technical and inter-personal skills to function effectively within our modern office environment. It encourages the development of positive work ethics.</p>	<p>Administrative Assistant, Clerical Assistant, Office Manager, Record Management Clerks, Accounting Clerks, Administrative Support Personnel.</p>
<p>ELECTRONIC DOCUMENT PREPARATION AND MANAGEMENT (EDP&M)</p>	<p>The ability to use the computer as a fundamental tool in the field of data management and document preparation. It also develops skills in information systems for secondary, post-secondary studies and future careers.</p>	<p>Administrative Assistant, Data Operations Clerk, Record Management Clerks, Accounting Clerks, Administrative Support Personnel, Desktop Publishing.</p>
<p>GEOGRAPHY</p>	<p>The interaction between the various elements of the environment, both physical and human. This includes the study of the features of the earth's surface, climate, population distribution, and economic activity.</p> <p><i>Requirements: Good reading, writing and numeric skills. A good attitude to work and at least 60% average for GRADE 9.</i></p>	<p>Geologist, Meteorologist, Agronomist, Marine Biologist, Pilot and other careers in the travel industry, G.I.S. Analyst, careers in Environmental Science, Education and Urban Planner.</p>

SUBJECT	GENERAL INFORMATION	SOME RELATED CAREERS
CARIBBEAN HISTORY	<p>A knowledge and understanding of the common experiences and contribution of Caribbean People 1492 –1986. It invites an exploration of the policies, values and attitudes that have shaped our Heritage as Caribbean People.</p> <p><i>Requirements: Good reading and writing skills, ability to read and understand maps, diagrams, charts and graphs. Competence in History – at least 50 % average in Grade 9.</i></p>	<p>Law, Archaeology, Education, Tourism, Foreign Services, Politics, International Relations, Journalism.</p>
SOCIAL STUDIES	<p>This develops the necessary skills and introduces students to such knowledge of social phenomena as may enhance their effectiveness as social participants in the Caribbean Community, promote social consciousness and enhance positive values. It also includes an understanding of their roles and responsibilities, being part of a family, community, and nation/state.</p>	<p>Guidance Counsellor, Sociologist, Social Worker, Counselling Psychologist</p>
RELIGIOUS EDUCATION	<p>It provides students with opportunity to participate in the age-long search of human beings for the meaning and purpose of life. It facilitates an appreciation and an affirmation of one’s own sense of uniqueness and identity. It is intended to assist students in understanding the concept of God in religions.</p>	<p>Counsellor, Clergy or Religious Workers, Clinical Psychologist, Social Worker</p>

Mt. Alvernia High School

Registration for Subjects for Grade 10 Year 2013-2014

In the space provided your daughter/ward is to make her first and second choices from each option. She is also to tick her choice of ***HUMAN AND SOCIAL BIOLOGY, BIOLOGY OR INTEGRATED SCIENCE.*** She should return the completed form to her Grade Teacher by **Monday, May 20, 2013.**

Approved subject choices will be distributed with the Grade 9 **End of Year Reports.**

Name _____ Career Choice _____

Grade _____ Tel # _____
(During the Summer Vacation)

HUMAN & SOCIAL BIOLOGY [] BIOLOGY [] INTEGRATED SCIENCE []

CHOICE 1

CHOICE 2

OPTION 1 _____

OPTION 2 _____

OPTION 3 _____

OPTION 4 _____

OPTION 5 _____

We have discussed _____'s choice of subjects with her and endorse them. We also agree to leave the final decision to the school, to abide by that decision and to co-operate as far as we are able in helping our daughter/ward to abide by the rules and regulations set out for grade s 10 and 11 and for graduation from school.

Name of Parent / Guardian

Signature Parent / Guardian Date.....

Signature of Student Date.....

N.B. If too few students, choose a particular subject the school reserves the right to **CANCEL** that subject for this year. The student will be given her Choice 2.

PLEASE KEEP A COPY OF THIS PAGE FOR YOUR RECORDS.