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Cross-Disciplinary Subjects

The tentative list of Cross-Disciplinary Subjects (CDS) is shown here. The final list of subjects to be offered in each semester is subject to change and not all subjects will be offered in every semester.

Temasek Applied Science School

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
ABM1X01	Human Health & Diseases	1	3
ABT1X01	Environmental Science	1	3
ABT1X02	Life Sciences & You	1	3
ACE1X01	Industrial Safety	1	3
ACE1X02	Water Technology	1	3
ACH1X01	Chemistry in Life	1	3
AFS1X01	Food Hygiene	1	3
AMB1X01	Discovering the Human Body	1	3
AMB1X02	Microorganisms & You	1	3
ANT1X01	Basics of Nutrition	1	3
ANT1X02	Science in Cuisine	1	3
APH1X01	Introduction to OTC Medication	1	3

Subject Synopses

ABM1X01 HUMAN HEALTH & DISEASES

This subject provides you with fundamental and up-to-date information on human health and diseases. It covers the common noninfectious and infectious diseases as well as their diagnoses, prevention and treatment.

ABT1X01 ENVIRONMENTAL SCIENCE

This subject examines the effects of human activities on the environment using science to examine these effects. It is interdisciplinary in nature and encompasses areas of science, physical geography and ecology along with aspects of the social sciences.

ABT1X02 LIFE SCIENCES & YOU

This subject is designed to create an awareness of the life sciences, its applications and impact on the lives of people. It will cover the current developments in the different areas of the life sciences as well as the related legal, social, moral and ethical issues and implications.

ACE1X01 INDUSTRIAL SAFETY

This subject is designed to create awareness of the importance of industrial safety. Topics will include machinery safety, hazards of fire and explosion, material handling, personal protection equipment and the legislation concerning safety.

ACE1X02 WATER TECHNOLOGY

This subject examines water as an essential for life. It highlights the sources of water in nature, the technology in processing water including wastewater, quality of water in terms of chemical, physical and microbiological standards and uses of water in everyday life. The subject will be taught via lectures, tutorials and practicals.

ACH1X01 CHEMISTRY IN LIFE

This subject brings to you an awareness of the impact of chemistry, ranging from colours and plastics to drugs that are encountered in our everyday life.

AFS1X01 FOOD HYGIENE

This subject introduces the importance of food hygiene and practices that prevent food hazards. It covers aspects of safe food handling during preparation and storage.

AMB1X01 DISCOVERING THE HUMAN BODY

This subject illustrates the basic understanding of human anatomy and physiology. It explains how physiological processes lead to the normal functioning of the human body.

AMB1X02 MICROORGANISMS & YOU

This subject offers you an opportunity to discover the world of microorganisms. It unfolds the relationship between man and microorganisms, ie, bacteria, viruses, protozoa, fungi and algae.

ANT1X01 BASICS OF NUTRITION

This subject introduces the key nutrients found in food and their role in relation to health. Nutritive values of various types of food will also be discussed.

ANT1X02 SCIENCE IN CUISINE

This subject emphasises the principles of science in food preparation. It covers the properties of key components in food and the changes it undergoes during food preparation.

APH1X01 INTRODUCTION TO OVER-THE-COUNTER (OTC) MEDICATION

This subject provides you with an overview of over-the-counter (OTC) medication and equips you with an understanding of responsible and proper self-medication for common minor ailments.

Temasek Business School

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
BAF1005	Basic Financial Accounting	1	3
BAF1006	Basic Finance	1	3
BBS1003	Managing Human Resources	1	3
BBS1004	Fundamentals of Management	1	3
BBS1005	Fundamentals of Entrepreneurship	1	3
BBT1004	Basics of E-Business	1	3
BCM1010	Introduction to Mass Communication	1	3
BCM1011	Business Chinese & PRC Culture	1	3
BEC1003	Introductory Economics	1	3
BHT1015	Event Planning	1	3
BHT1016	Fundamentals of Hospitality & Tourism Business	1	3
BLM1005	Introduction to the Law of Singapore	1	3
BLO1003	Introduction to Logistics & Supply Chain Management	1	3
BLO1005	Basic Calculus for Business	1	3
BMK1002	Service Quality	1	3
BMK1003	Introduction to Marketing	1	3

Subject Synopses

BAF1005 BASIC FINANCIAL ACCOUNTING

This subject provides you with an understanding of the general framework of the accounting discipline. You will learn basic knowledge of accounting concepts including preparing, understanding and analysing accounting records and simple financial reports for small and medium-sized enterprises. You will have opportunities to apply the knowledge to real world situations.

BAF1006 BASIC FINANCE

This subject equips you with a basic understanding of financial management, various sources and application of funds of a typical business and some basic techniques to assist in long-term financial decision-making. You will have opportunities through various learning methods such as group discussions and research assignments to apply the knowledge to real world situations.

BBS1003 MANAGING HUMAN RESOURCES

This subject equips you with an understanding of the human resource management functions ranging from employee induction, people development, performance appraisal, rewards and benefits, change management, team management to discipline and grievance handling. You will also have an appreciation of the current trends in the field of human resource management.

BBS1004 FUNDAMENTALS OF MANAGEMENT

This subject equips you with the basic understanding of key management functions of planning, organising, leading and controlling. You will also gain an understanding of the impact of the key environmental factors on business, the importance of corporate social responsibility, business ethics and international management.

BBS1005 FUNDAMENTALS OF ENTREPRENEURSHIP

This subject equips you with the basic understanding of entrepreneurship and an appreciation of issues relating to the setting up of new businesses. You will be able to develop basic, sound business strategies to create viable business plans through the understanding of issues relating to market analysis, customers, marketing mix, staffing and basic financial projections.

BBT1004 BASICS OF E-BUSINESS

This subject provides a basic understanding of the issues in e-business relating to the planning, organising and development of e-business websites. Practical design, development and implementation considerations in e-business websites will be illustrated through hands-on activities. Besides electronic marketing imperatives, security, e-payment systems, legal and ethical issues and future trends will also be discussed.

BCM1010 INTRODUCTION TO MASS COMMUNICATION

This subject provides a better understanding of the media scene. You will learn about mass communication concepts, theories, history, background and the advancement of the media industry. The subject also looks at ethical issues, mass media law, and the implications of media on society.

BCM1011 BUSINESS CHINESE & PRC CULTURE

This subject offers a glimpse of China's history and geography, its socio-political system, economic reform achievements and problems, and development trends. It highlights opportunities and challenges for international businesses in China's economic transformation. It also discusses the effect of traditional values on business practices and etiquette in China today. You will also learn business conversation and correspondence in Chinese.

BEC1003 INTRODUCTORY ECONOMICS

This subject equips you with basic microeconomic concepts and the necessary analytical skills for understanding the business environment. You will apply concepts such as the demand and supply model, elasticity, pricing strategies and growth strategies to the day-to-day business decision-making of individuals and firms. You will also learn problem-solving and process skills that will allow you to understand how economic variables affect business decision-making.

BHT1015 EVENT PLANNING

This subject provides a broad understanding of the event planning, organising and staging process. You will be given opportunities to appreciate the diverse nature of the event industry through fieldwork and research on related areas. The subject will also develop your process and problem-solving skills, as well as your ability to interact and communicate effectively with others.

BHT1016 FUNDAMENTALS OF HOSPITALITY & TOURISM BUSINESS

This subject provides a broad understanding of the hospitality and tourism business by examining the origin of travel and how it has evolved into the biggest industry in the world. The dynamic tourism growth is understood within the framework of demand for and supply of travel services, tourism distribution and trends. The importance of sustainable tourism is underscored by a discussion on tourism impact and the concept of carrying capacity.

You will work in groups or individually and have opportunities to appreciate the dynamic nature of the business and develop an understanding of how tourism can bring about both intended and unintended consequences on people and the environment.

BLM1005 INTRODUCTION TO LAW OF SINGAPORE

This subject provides a basic knowledge of the legal system and laws of Singapore. You will learn about the sources of Singapore law and how it is made. It also aims to equip you with a general understanding of the fundamental principles of criminal law, civil and criminal procedures, family law, the law of tort, and the law of contract.

BLO1003 INTRODUCTION TO LOGISTICS & SUPPLY CHAIN MANAGEMENT

This subject gives a basic understanding of business logistics and supply chain management. You will have opportunities to apply some of the basic techniques acquired to manage real-life problems faced in the industry. This will help to develop your problem-solving skills and enable you to communicate effectively in real industry situations.

BLO1005 BASIC CALCULUS FOR BUSINESS

This subject serves as a foundation subject, designed for students who do not have a background in O Level Additional Mathematics. It will introduce you to the basic concepts of algebra and functions, differentiation and integration. Techniques of problem solving in business and economics applications will also be covered.

BMK1002 SERVICE QUALITY

This subject equips you with the knowledge, skills and mindset of productivity and service quality. It provides an integrated approach for you to learn the various aspects of customer service. This subject places emphasis on practical applications of concepts through role-play, case studies and experiential games. You will be given the opportunity to apply productivity and service quality concepts in a group project.

BMK1003 INTRODUCTION TO MARKETING

This subject provides an understanding of the basic concepts of marketing. It focuses on the tools used by marketers to develop the appropriate marketing mix like product, promotion, price and place; and includes key topics like environmental forces and market segmentation. You will learn how to market a company's products and services successfully.

Temasek Design School

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
DAD1900	20th Century Fashion	1	3
DIA1902	Human Environment Planning	1	3
DPD1901	Freehand Drawing	1	3
DPS1903	Design In Culture	1	3
DVC1905	Colour & Composition	1	3

Subject Synopses

DAD1900 20TH CENTURY FASHION

This subject introduces you to the evolution of fashion in the 20th century. You will explore different fashion looks and styles, trends and silhouettes. Influences from international fashion designers in the fashion industry will also be introduced.

DIA1902 HUMAN ENVIRONMENT PLANNING

This subject deals with issues affecting the human environment. This includes the fundamentals in planning and utilisation of an environment to fit human characteristics and capabilities.

DPD1901 FREEHAND DRAWING

This module emphasises drawing through observation, using basic drawing media. It provides experiences gained from exploring and viewing the physical environment and development of the drawn image. The drawing sessions will be generally based on freehand drawing, placing special demands on seeing / perception (eyeballing), scale, composition and perspective.

DPS1903 DESIGN IN CULTURE

This subject introduces the factors behind cultural formation, and explores human expression in its various forms. It explores human behaviour and production, and some key issues in social development such as geography, history, politics, psychology and gender. Through an examination of objects and artefacts, from early tribal rites and rituals to contemporary fashion and trends, you will develop an awareness and appreciation of culture in shaping societies' needs, wants and desires.

DVC1905 COLOUR & COMPOSITION

This subject introduces basics in colour and composition theories and their application in art and design. It provides an appreciation of such basic theories by understanding the role of primary colours as a catalyst to how colour schemes are derived, and how they are applied in two and three-dimensional compositions.

Temasek Engineering School

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
EPL1X01	Problem Solving Techniques	1	3
EBZ2X01	Management of Enterprise	2	3
EPM2X01	Introduction to Project Management	2	3

Subject Synopses

EPL1X01 PROBLEM SOLVING TECHNIQUES

Innovation involves a change that ultimately results in a useful product or process. It requires creative problem-solving and effective communication skills. In this subject, you will be taught the process skills for teamwork development, good communication, brainstorming and creative thinking. Applying the knowledge of mathematics and the sciences, this subject emphasises the use of creativity to solve practical real-life problems.

EBZ2X01 MANAGEMENT OF ENTERPRISE

This subject is designed to equip you with basic concepts and techniques which are essential for starting up and running a small enterprise. It describes the entrepreneurial traits and the various methods and legal forms needed for setting up an enterprise. The business tools of marketing, finance and human resource management are explained. You may apply your knowledge in the creation of a business plan based on an original business idea.

EPM2X01 INTRODUCTION TO PROJECT MANAGEMENT

This subject covers the important aspects of planning the various activities of a project, allocating necessary resources, calculating the project costs, and implementing and controlling the progress of the project until completion. Software will be used in the subject to enhance your learning.

Temasek Humanities & Social Sciences School

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
GEM1001	Plugging into the China Connections – History & Translation	1	3
GEM1002	Plugging into the China Connections – Project	1	3
GEM1003	Plugging into the China Connections – Attachment in China	1	3
GEN1001	Psychology of Creativity	1	3
GEN1002	Global Citizenship	1	3
GEN1003	World Issues	1	3
GEN1004	Music: Expressions & Applications	1	3
GEN1005	Perspectives on China – An Introduction	1	3
GEN1006	Introduction to Language & Culture (Italian)	1	3
GEN1007	Understanding Art	1	3
GEN1008	Understanding Theatre	1	3
GEN1011	Cross-Cultural Psychology	1	3
GEN1012	Contemporary French	1	3
GEN1013	Essential Japanese	1	3
GEN1014	Introduction to Counselling Psychology	1	3
GEN1015	Transnational Studies	1	3
GEN1901	Entrepreneurship Project: Interdisciplinary Approach	1	3
GEN1902	Innovation Principles & Practice	1	3
GFL1001	Introduction to Language & Culture (French)	1	3
GFL1003	Introduction to Language & Culture (Japanese)	1	3
GLA1002	Creative Writing	1	3
GLA1004	Understanding Expressions of Culture	1	3
GLA1005	Fundamentals of Public Speaking	1	3
GLA1007	Introduction to English Phonetics	1	3
GSS1003	Introduction to Psychology	1	3
GSS1004	Introduction to Sociology	1	3
GSS1005	Leadership & Character	1	3

Subject Synopses

GEM1001 PLUGGING INTO THE CHINA CONNECTIONS – HISTORY & TRANSLATION

This subject equips you with a foundation in China's history and culture as a precursor to developing basic English-Chinese bilingual translation and interpreting skills to function effectively in the business and financial environment.

GEM1002 PLUGGING INTO THE CHINA CONNECTIONS – PROJECT

This subject provides hands-on practice as a follow up to Plugging into the China Connections – History & Translation. You will apply the knowledge and skills you have acquired for the production of specific collaterals or deliverables to meet project requirements.

GEM1003 PLUGGING INTO THE CHINA CONNECTIONS – ATTACHMENT IN CHINA

This is an attachment programme in China where you are given the opportunity to be placed in commercial or governmental bodies, or educational institutions to apply what you have learnt as well as learn how to function effectively in the China environment.

GEM1001 PSYCHOLOGY OF CREATIVITY

This subject explores and reviews approaches to creativity. It covers the psychological components of the creative process and the application of creativity in fields such as business, science, technology, arts, humanities and social sciences. The subject will culminate in a major creativity project that will provide opportunities for you to apply the techniques learnt throughout the subject.

GEN1002 GLOBAL CITIZENSHIP

This subject highlights the interconnectedness of the world today through discussions on various global issues, bringing about an awareness of what it means to be a global citizen. An overseas trip will be included for you to better understand the issues raised during classroom sessions.

GEN1003 WORLD ISSUES

Want to know the "what, why, where and how" of significant world events and issues? This subject helps you to stay attuned to the causes, effects and challenges of what is happening around you in the world.

GEN1004 MUSIC: EXPRESSIONS & APPLICATIONS

This subject provides an insight into music and its applications in various fields. The first part of the subject introduces you to the basic elements of music (eg, pitch, rhythm, melody, harmony and instruments) and musical styles from different time periods ranging from the Middle Ages to modern day. In the second part of the subject, you will explore the role and functions of music in relation to various areas such as film, theatre, commerce and technology.

GEN1005 PERSPECTIVES ON CHINA – AN INTRODUCTION

This subject aims to get you ready for working and living in China when you join the workforce after graduation. It gives you a basic understanding of the different facets of China: her vastness, major classical legacies, intricate political system, giant economy system, strategic foreign relations, and colourful cultures. It also aims to help you understand and appreciate the cultural makeup and mindset of the Chinese community.

GEN1006 INTRODUCTION TO LANGUAGE & CULTURE (ITALIAN)

This subject covers the basic concepts and linguistic forms of the Italian language. You will learn how to introduce yourself, talk about your family, work and daily activities as well as communicate effectively in various Italian-speaking situations. In addition, you will also explore the key aspects of the culture of the Italian community both in Italy and abroad.

GEN1007 UNDERSTANDING ART

This subject provides the knowledge and skills to understand the visual arts and its relevance to society and culture. In lectures and tutorials, the subject engages in issues such as the nature of art, how art is analysed and evaluated, processes of art-making, various forms and mediums and the place of art in our lives. Important periods of art history will also be discussed. In addition, you will be introduced to art experiences as you create your own works of art and learn to express yourself via artistic forms.

GEN1008 UNDERSTANDING THEATRE

This subject provides the basic knowledge and skills to understand the dramatic arts and its relevance to society and culture. It covers topics such as the origins and purpose of theatre, the various forms of western and eastern theatre and the skills required of a performer. In addition, you will be introduced to theatre experiences as you create your own performance works individually and in groups.

GEN1011 CROSS-CULTURAL PSYCHOLOGY

This subject gives you a better understanding of how different cultural settings influence the way people think, behave, value and perceive things. It will raise awareness and create sensitivity on how culture shapes and influences a variety of areas ranging from individual development to socialization and work.

GEN1012 CONTEMPORARY FRENCH

This subject builds on "Introduction to Language and Culture (French)". It is based on everyday life situations which tourists and professionals typically encounter with French-speakers in France or Singapore. The situations covered include vocabulary, language patterns and cultural aspects which equip you with the skills and aptitude to better interact in spoken and written French.

GEN1013 ESSENTIAL JAPANESE

This subject builds on "Introduction to Language and Culture (Japanese)" and focuses on the subtleties of the Japanese language. Grammar will be reinforced and you will build up your vocabulary in the Japanese language. You will also learn to read and write in Japanese characters.

GEN1014 INTRODUCTION TO COUNSELING PSYCHOLOGY

This subject provides opportunities for you to explore the fundamentals of counseling as well as discuss the primary theoretical perspectives and contemporary issues that influence the counseling profession. You will be equipped with helping skills that you can apply by helping people around you.

GEN1015 TRANSNATIONAL STUDIES

This subject deepens your understanding of other cultures. You will also acquire skills and knowledge targeted at preparing you for life in the globalised workplace where you have to work with many nationalities in Singapore or overseas. You are expected to complete a three-week residential stint at the on-campus Glocal Connect Village (GCV). The GCV will provide opportunities for international and local students to interact and be engaged in a range of intercultural experiences together. Lessons for this CDS are conducted during the three weekends and designated evenings of your GCV stay. You will continue to attend your regular diploma classes and participate in your CCA during the week.

GEN1901 ENTREPRENEURSHIP PROJECT: INTERDISCIPLINARY APPROACH

This subject engages you from different disciplines in a project that has entrepreneurship perspectives and objectives. In working through the project, you will develop entrepreneurship process skills, and ultimately create a potential/proposed business entity.

GEN1902 INNOVATION PRINCIPLES & PRACTICE

This subject equips you with the process skills for purposeful, systematic innovation through a comprehensive approach so as to prepare you for the fast-paced changing entrepreneurial environment. Starting with the aim to improve a product design, you will be brought through the process of user observations/interviews, brainstorming, product refinement/redesign and gathering feedback for validation of your designs and future enhancements. Throughout the process, you will be required to develop process maps, document and capture your learning and develop a framework for innovation based on what you have gone through.

GFL1001 INTRODUCTION TO LANGUAGE & CULTURE (FRENCH)

You will learn how to introduce yourself, talk about your family, work and daily activities as well as communicate effectively in various French-speaking situations (in a café, at the hotel reception, at the train station, etc). The subject also explores the key aspects of the culture of the French community.

GFL1003 INTRODUCTION TO LANGUAGE & CULTURE (JAPANESE)

This subject covers basic Japanese oral communication skills in situations like greetings, shopping and describing daily life. The subject also highlights key aspects of the Japanese culture such as practices in different seasons and current social trends.

GLA1002 CREATIVE WRITING

This subject introduces the techniques in the creative writing process that enables you to stretch beyond your basic writing ability. It also covers the various types of literary works as well as their characteristics and engages you in the entire writing process from creative conceptualisation to publishing.

GLA1004 UNDERSTANDING EXPRESSIONS OF CULTURE

This subject highlights the value of cultural diversity. It introduces you to the different perspectives on culture. It also covers the role of culture in effective cross-cultural communication. You will get opportunities to immerse yourself in cultural activities, explore and appreciate the richness of culture, and discuss cultural issues.

GLA1005 FUNDAMENTALS OF PUBLIC SPEAKING

This subject aims to help you become confident speakers. It equips you with the techniques to develop, deliver and evaluate speeches appropriate to a variety of contexts, including both impromptu and prepared situations.

GLA1007 INTRODUCTION TO ENGLISH PHONETICS

This subject presents an introduction to the sounds of spoken English. It also covers other pronunciation features such as stress and intonation, and introduces you to phonemic transcription. The main varieties of spoken English will also be examined in relation to the pronunciation features studied.

GSS1003 INTRODUCTION TO PSYCHOLOGY

This subject introduces the five major areas of psychology: cognitive (learning and memory), developmental (intelligence and personality), physiological (motivations, emotions and stress), social (conformity, authority, friends and groups) and abnormal (disorders and treatment). By the end of this subject, you should be able to understand yourself and others better.

GSS1004 INTRODUCTION TO SOCIOLOGY

This subject introduces basic sociological perspectives in human behaviour. You will have the opportunity to examine current social issues, and develop an analytical mind. Topics include deviance and crime, mass media, culture, social interaction, ethnic relations, globalisation, cyberculture and gender issues.

GSS1005 LEADERSHIP & CHARACTER

This subject covers the various aspects and principles of leadership. You will examine the lives and character traits of well-known leaders. This subject will be useful for those who want to understand what makes a good and moral leader and aspire to be such a leader.

Temasek Informatics & IT School

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
CCD1X01	Introduction to Cyber Security	1	3
CGE1X01	Introduction to Digital Game Development	1	3
CIC1X02	Web Publishing	1	3
CIC1X03	Introduction to Human Computer Interaction	1	3
CID1X01	Effective E-Learning Development	1	3
CID1X02	Introduction to Digital Tools & Techniques	1	3
CIM1X01	Effective Internet Research	1	3
CIM1X04	Web Database Appreciation	1	3
CIT1X01	Introduction to Computer Science	1	3
CIT1X03	Programming in VBA (Visual Basic for Applications)	1	3
CIT1X04	Windows Application Programming in C#	1	3
CIT1X06	Discovering the Virtual Globe	1	3
CIT1X07	Starting an Online Auction Business	1	3
CMA1X01	Calculus & Analytic Geometry	1	3
CMA1X02	Basic Statistics	1	3
CMA1X06	The Powerful Art of Storytelling	1	3
CMA1X07	Styles & Issues in Writing for the New Media	1	3
CMA1X08	Literacies for the Digital Age	1	3

Subject Synopses

CCD1X01 INTRODUCTION TO CYBER SECURITY

This subject introduces the basic elements on the topic of cyber security, and provides insights to common systems vulnerabilities and strategies to mitigate the security risks in existing systems. Basic information on security law and computer ethics will be covered.

CGE 1X01 INTRODUCTION TO DIGITAL GAME DEVELOPMENT

This subject provides basic understanding of how to create a computer game. You will learn how to design and develop a 2D game using an integrated development environment (IDE) software. You will also be introduced to gaming history, the gaming industry and major game publishers. Game development concepts such as game design, game architecture and computer animation will also be covered.

CIC1X02 WEB PUBLISHING

This subject introduces you to multimedia development for the World Wide Web. Topics include web media, such as graphics, audio, animation, and the use of a web development methodology.

CIC1X03 INTRODUCTION TO HUMAN COMPUTER INTERACTION

The design of efficient, effective and user friendly systems depends upon the understanding of technology, its users and the

domain it is used in, i.e. informatics. You will be introduced to the fundamentals of cognitive psychology, principles of human computer interaction and user-centered methodology. This will provide a basic foundation to understanding how IT (Information Technology) can enrich the lives of people.

CID1X01 EFFECTIVE E-LEARNING DEVELOPMENT

This subject aims to develop awareness of the e-learning development workflow, which includes the phases of planning, development, implementation and evaluation. You will use the knowledge acquired to apply e-learning principles to the design and development of an e-learning package.

CID1X02 INTRODUCTION TO DIGITAL TOOLS & TECHNIQUES

This subject provides an understanding of the importance of digital media processes and techniques. It equips you with the ability to use digital equipment for various production methods and explores the use of various design systems (eg., Corporate Identity, Grid Structure, Golden Section and Colour systems) to create effective visual presentations. It will enable you to create effective visuals using appropriate tools and techniques. The subject covers the fundamental concept and design systems for digital media production.

CIM1X01 EFFECTIVE INTERNET RESEARCH

With the phenomenal information explosion brought about by Internet technologies, the ability to effectively search and critically evaluate information resources on the Internet

becomes an important skill. This subject provides you with practical experience of using the Internet to search for quality information and use evaluation tools for research purposes. The topics covered include categories of Internet resources, internet search facilities, evaluation of Internet resources, referencing, Internet ethics and intellectual property issues.

CIM1X04 WEB DATABASE APPRECIATION

This subject introduces you to the importance of dynamic web database applications. You will learn how to build a simple database within web pages. Through the use of web pages, you will connect to a database, as well as select and display data on the web pages. You will also learn how to manage the data from a database via the web pages.

CIT1X01 INTRODUCTION TO COMPUTER SCIENCE

This subject introduces you to one of the youngest and most exciting of scientific disciplines – computer science. It provides you with a broad overview of various essential topics including computer software and hardware, programming languages, operating systems, software development processes, computing applications and societal issues.

CIT1X03 PROGRAMMING IN VBA (VISUAL BASIC FOR APPLICATIONS)

This subject teaches the basics of programming using a commonly available platform such as Microsoft Office Excel. You will learn to write macros in VISUAL Basic® for Applications (VBA) language to automate routine tasks and build application solutions in Microsoft Excel.

Programming techniques to produce graphical user interface (GUI) components and data processing logic will be taught. You will build usable programs on Excel to generate reports, display charts and statistics or create simple interactive games. This subject assumes that you have some basic experience in Microsoft Excel.

CIT1X04 WINDOWS APPLICATION PROGRAMMING IN C#

This subject covers the concepts and implementation of Windows application. You will be introduced to an integrated development tool to build graphical user interface applications in a multitier environment. The subject provides opportunities for you to expand your object-oriented programming skills. The subject assumes that you have some basic understanding of program design and programming techniques to develop applications.

CIT1X06 DISCOVERING THE VIRTUAL GLOBE

This subject introduces you to the latest maps and geographical digital content on virtual globes. You will learn how a virtual globe program works, and how to use it effectively to conduct virtual tours of exciting places on earth. You will also learn about the various issues affecting the planet on a global scale, as well as how to customise a virtual globe using photographs and 3D models. The issues and trends in using virtual globes will also be explored.

CIT1X07 STARTING AN ONLINE AUCTION BUSINESS

In this subject you will learn the basic concepts and rules of an online auction business in popular auction sites such as eBay or Yahoo auction, the strategies of effective buying and selling via online auctions and the principles of maintaining a viable online auction business. Upon completing this subject, you will be able to buy and sell effectively in an online auction site. Hence, you will have the basic entrepreneurship knowhow to start your own online auction business.

CMA1X01 CALCULUS & ANALYTIC GEOMETRY

This module provides you with a firm foundation in mathematics so as to better prepare you for higher education. Topics include functions and graphs, trigonometry, differentiation and integration.

CMA1X02 BASIC STATISTICS

This module provides you with a firm foundation in mathematics so as to better prepare you for higher education. Topics covered include basic statistics, general ideas of sampling methods, central limit theorem, confidence intervals and hypotheses testing.

CMA1X06 THE POWERFUL ART OF STORYTELLING

This subject aims to create awareness of how powerful stories are and how to tell an engaging story. You will learn about the role of stories in society and explore the value of stories in communication. You will learn how to tell a story, displaying sensitivity to the purpose and audience of their stories.

CMA1X07 STYLES & ISSUES IN WRITING FOR THE NEW MEDIA

This subject equips you with the knowledge and skills to write web content effectively for new media such as personal and corporate websites, weblogs and such. You will learn about common web user behaviours and how they affect the way language and texts are used and structured in order to create impact on the Web. You will also learn to display sensitivity to the purpose and audience of their texts. In addition, you will explore various social issues and responsibilities related to communicating through the new media.

CMA1X08 LITERACIES FOR THE DIGITAL AGE

This subject equips you with an understanding of what constitutes literacy in the digital age. It will provide you with the essential critical skills to analyse and evaluate how interaction and meaning-making is achieved, and in particular, it will examine the literacies expected when communicating on the Internet or through channels such as instant messaging, blogs, wikis, virtual communities and such. You will also have opportunities to create or co-construct meaning through the use of new media.

CMC1X01 VOIP MADE SIMPLE

The use of Internet Protocol (IP) Telephony services like MSN Messenger, Skype, Google Talk and AOL Instant Messenger is growing daily. Through this subject, you will understand how IP Telephony is used and its various functions such as chat services, video conferencing, video surveillance, home and office automation, and many others. This subject provides an introduction to IP Telephony and Voice-over-IP. You will learn about its benefits and challenges, as well as the applications and services that it offers. Upon completion, you would be able to think about new ways of using IP Telephony.