management system. Topics include conceptual modelling of a database, relational data model, relational algebra, database language SQL and relation database design. In addition, hands-on DBMS experience is included. Students who have received credits for I.T. 1530 are not allowed to take COMP 1160, or vice versa.

I.T.   1540   Programming Fundamentals and   (3,2,1)
Problem Solving
Prerequisite: I.T. 1120 Business Information Systems or I.T. 1180 Information Management Technology
This course introduces the methodology of problem formulation and specification, program design, and implementation skills including debugging and testing. The course is taught through a high-level structured programming language. This course is not available to Computing Studies, Computer Science and Physics major with Computer Science concentration.

I.T.   1570   IT and the Business World   (3,2,1)
Prerequisite: I.T. 1120 Business Information Systems or I.T. 1180 Information Management Technology
This elective course aims to provide students with an understanding of the relationship between information technology (IT) and business. In particular, the relationship between IT and business successes will be investigated. On completion of this course, students will be able to determine the appropriate IT for the successes of different types of business.

I.T.   1580   You and the Internet   (3,2,1)
Prerequisite: I.T. 1120 Business Information Systems or I.T. 1180 Information Management Technology
This course introduces how the Internet enhances our daily life, increases work efficiency and creates business opportunities to non-IT major students. Students will also learn how to protect their personal privacy, personal computers, and home networks in the Internet, and learn the fundamental principles of mobile and wireless networks.

I.T.   1590   Searching and Managing   (3,2,1) (E)
Information
Prerequisite: I.T. 1120 Business Information Systems or I.T. 1180 Information Management Technology
This course provides a comprehensive examination of different popular search systems such as Google and YouTube. Students will be introduced to the powerful features in these systems, as well as the technology underpinning them. Students will learn how large information repositories are efficiently organized, managed and searched. They will also learn the principles of search engines, information retrieval, and how to use simple database management systems such as Access.

I.T.   2460   Managing Information Systems   (3,3,0)
in the Digital World
Prerequisite: I.T. 1120 Business Information Systems or I.T. 1180 Information Management Technology
The course deals with the management of information systems and technology as it is being practised in organizations today to create value for businesses and consumers.

I.T.   2510   Music, Photo and Movie   (3,2,2) (E)
Processing
Prerequisite: I.T. 1120 Business Information Systems or I.T. 1180 Information Management Technology
After completion of this course, students will have a good understanding on the basic concepts of music, photo and movie processing. Students will also be able to use software tools to process music, photo and movie data such as music file compression/conversion, photo enhancement and movie editing. This course is open to non-Visual Arts and non-CS Majors only.

I.T.   2530   Internet and E-Commerce   (3,2,1)
Prerequisite: I.T. 1120 Business Information Systems or I.T. 1180 Information Management Technology
Students will learn the basic concepts of Internet and e-commerce

technologies, and gain hands-on experience in setting up systems for Internet and e-commerce applications.

I.T.   2550   Fundamentals of Multimedia   (3,2,2)
Prerequisite: I.T. 1180 Information Management Technology
On completion of this course, students will have a good understanding on the basic concepts of the fundamental elements in multimedia. Students will also be able to use software tools to process image, video and audio data such as image enhancement, video editing and audio file compression/conversion, and develop multimedia projects.

I.T.   2560   Building Interactive and Attractive   (3,2,2)
Web Graphics
Prerequisite: I.T. 1120 Business Information Systems or I.T. 1180 Information Management Technology
This course aims at introducing the theories and techniques for developing interactive and attractive graphics on the Web. On completion of the course, students will understand concepts behind Web interactive graphics. They will also be capable of developing such interactive graphics for effective communication and entertainment.

I.T.   2710   Enterprise Application Systems   (3,3,0)
Prerequisite: I.T. 1120 Business Information Systems or I.T. 1180 Information Management Technology
This course introduces how information technology is used in many aspects of a business, with particular emphasis on concepts and practices for modelling, specifying and integrating within-enterprise and B2B business processes for customer relationship management, enterprise resource planning, and supply chain management.

ITAL   1005   Italian I   (3,3,0) (E/I)
This course aims to teach complete beginners basic Italian in listening, speaking, reading and writing. Students will also be introduced to the culture of Italy. Vocabulary and grammar will be presented in a communicative way for a variety of situations such as greeting people, making introductions, and talking about one's family, free time, hobbies and daily routines.

ITAL   1006   Italian II   (3,3,0) (E/I)
Prerequisite: ITAL 1005 Italian I or equivalent
This course aims to build further on the beginner's level work and widen the scope of exposure to more complex aspects of the Italian language and its culture. Participants are expected to consolidate and continue to develop their proficiency in the Italian language and to further develop their production and receptive skills in more complex daily situations.

ITAL   1010   Italian I   (3,3,0) (E/I)
This course aims to teach complete beginners basic Italian in listening, speaking, reading and writing. Students will also be introduced to the culture of Italy. Vocabulary and grammar will be presented in a communicative way for a variety of situations such as greeting people, making introductions, and talking about one's family, free time, hobbies and daily routines.

ITAL   1020   Italian II   (3,3,0) (E/I)
Prerequisite: ITAL 1010 Italian I or equivalent
This course aims to build further on the beginner's level work and widen the scope of exposure to more complex aspects of the Italian language and its culture. Participants are expected to consolidate and continue to develop their proficiency in the Italian language and to further develop their production and receptive skills in more complex daily situations.

ITAL   2005   Italian III   (3,3,0)
Prerequisite: ITAL 1006 Italian II or equivalent
This course aims to build further on the lower-intermediate level work and widen the scope of students' exposure to more complex aspects of Italian language and culture. Students are expected to

consolidate their understanding of Italian grammar and develop further their production and receptive skills in more complex situations such as talking about their holidays, their future plans and hypothetical situations.

ITAL 2006 Italian IV (3,3,0)
Prerequisite: ITAL 2005 Italian III or equivalent
This course aims to further expand students' knowledge of the Italian language to an intermediate level. It aims to enable students to communicate more fluently and confidently with native speakers of Italians in complex situations. Students will also have a deeper understanding of Italian culture and some aspects of its history.

ITAL 2010 Italian III (3,3,0)
Prerequisite: ITAL 1020 Italian II or equivalent
This course aims to build further on the lower-intermediate level work and widen the scope of students' exposure to more complex aspects of Italian language and culture. Students are expected to consolidate their understanding of Italian grammar and develop further their production and receptive skills in more complex situations such as talking about their holidays, their future plans and hypothetical situations.

ITAL 2020 Italian IV (3,3,0)
Prerequisite: ITAL 2010 Italian III or equivalent
This course aims to further expand students' knowledge of the Italian language to an intermediate level. It aims to enable students to communicate more fluently and confidently with native speakers of Italians in complex situations. Students will also have a deeper understanding of Italian culture and some aspects of its history.

ITAL 3005 Italian V (3,3,0)
Prerequisite: ITAL 2006 Italian IV or equivalent
This course aims to bring students to an upper intermediate level of competence in the Italian language. Students will acquire substantial knowledge of the language both from a communicative point of view and with respect to grammar knowledge. In this course they will learn how to integrate all the skills learnt to achieve effective communication. Students will also be introduced to Italian short stories and other forms of literature.

ITAL 3010 Italian V (3,3,0)
Prerequisite: ITAL 2020 Italian IV or equivalent
This course aims to bring students to an upper intermediate level of competence in the Italian language. Students will acquire substantial knowledge of the language both from a communicative point of view and with respect to grammar knowledge. In this course they will learn how to integrate all the skills learnt to achieve effective communication. Students will also be introduced to Italian short stories and other forms of literature.

ITEC 1005 Effective Use of Spreadsheets for (3,1,2)
Data Processing
Prerequisite: General Education Core Course from the Information Management Technology Category
This course provides essential computing skills of spreadsheets for students to use in their future career. After studying this course, students would gain the concepts and skills in using spreadsheets. They would also be able to apply these concepts and skills to analyze various kinds of data.

ITEC 1006 Searching and Managing (3,2,1) (E)
Information
Prerequisite: General Education Core Course from the Information Management Technology Category
This course provides a comprehensive examination of different popular search systems such as Google and YouTube. Students will be introduced to the powerful features in these systems, as well as the technology underpinning them. Students will learn how large information repositories are efficiently organized,

managed and searched. They will also learn the principles of search engines, information retrieval, and how to use simple database management system such as Access.

ITEC 2005 Building Interactve Web (3,2,2)
Animations and Applications
Prerequisite: General Education Core Course from the Information Management Technology Category
This course aims at introducing the theories and techniques for developing interactive animations and applications on the Web. On completion of the course, students will understand concepts behind Web animations and applications. They will also be capable of developing such interactive animations and applications for effective communication and entertainment.

ITEC 2006 Internet and E-Commerce (3,2,1)
Prerequisite: General Education Core Course from the Information Management Technology Category
Students will learn the basic concepts of Internet and e-commerce technologies, and gain hands-on experience in setting up systems for Internet and e-commerce applications.

ITEC 3005 Strategic Use of Information (3,2,1)
Technology
Prerequisite: General Education Core Course from the Information Management Technology Category
This course provides the concepts and techniques to facilitate students to formulate appropriate IT strategy and plan to fit the company environment.

ITEC 3006 Music, Photo and Movie (3,2,2) (E)
Processing
Prerequisite: General Education Core Course from the Information Management Technology Category
After completion of this course, students will have a good understanding on the basic concepts of music, photo and movie processing. Students will also be able to use software tools to process music, photo and movie data such as music file compression/conversion, photo enhancement and movie editing. This course is open to non-Visual Arts and non-CS major only.

JOUR 1120 Introduction to Journalism (3,2,1)
As a requirement for all three Journalism Concentrations, this course explores both journalism's practical and theoretical dimensions and introduces the discipline as a social process and as a profession.

JOUR 1140 Chinese News Writing and (3,2,1)
Reporting
This course introduces the principles of selecting and presenting information in a style appropriate to print journalism in Chinese. Through assignments and various forms of practice, the course provides a systematic, coomprehensive survey of techniques of gathering news and presenting information. Emphasis is put on stimulating the students' interest in social events around them. Reference is made to the local context in the discussion of the news language.

JOUR 1150 Broadcast Reporting and (3,2,1)
Production
Prerequisite: JOUR 1120 Introduction to Journalism
This is an introductory course for students to acquire basic knowledge and skills in news gathering, writing, and production of radio and television news. It aims at training competent broadcast journalists. The broadcast news environment in Hong Kong is also introduced.

JOUR 1160 News Gathering and Writing for (3,2,1)
Print
This course introduces the principles and techniques of selecting and presenting information in a style appropriate to print journalism in Chinese. Emphasis is put on stimulating the