

and/or practice. After completing this course, students will understand some current topics in and methodologies of business analytics.

**COMP 7770 Special Topics in IT Management (3,3,0)**

Prerequisite: The pre-requisite depends on the specific topics covered. The pre-requisite and the chosen topics will be announced before the semester starts.

Students will learn state-of-the-art topics in IT management. Emphasis will be placed on the current issues, methodologies and/or practice. After completing this course, students will understand some current topics in and methodologies of IT management.

**COMP 7780 Special Topics in Knowledge and Information Management (3,3,0)**

Prerequisite: The pre-requisite depends on the specific topics covered. The pre-requisite and the chosen topics will be announced before the semester starts.

Students will learn state-of-the-art topics in knowledge and information management. Emphasis will be placed on the current issues, methodologies and/or practice. After completing this course, students will understand some current topics in and methodologies of knowledge and information management.

**COMP 7790 Special Topics in Internet and Web Technologies (3,3,0)**

Prerequisite: The pre-requisite depends on the specific topics covered. The pre-requisite and the chosen topics will be announced before the semester starts.

Students will learn state-of-the-art topics in Internet and Web technologies. Emphasis will be placed on the current issues, methodologies and/or practice. After completing this course, students will understand some current topics in and methodologies of Internet and Web systems.

**COMP 7800 Analytic Models in Information Technology Management (3,2,1)**

This course aims to introduce different analytic models used in the management of information technology. These include practical applications of quantitative analysis techniques in business decision making, process modeling, planning and evaluation. The course focuses on the ability to recognize the appropriate models applicable to diverse information technology management situation, and to identify solutions to them. Emphasis will be placed on problem formulation and solution application rather than mathematical derivations.

**COMP 7810 Business Intelligence (3,2,1)**

Students will learn the methodologies and concepts of business intelligence, including the characteristics, architectures, and development of data warehouses and data marts. After completing the course, the students will understand the features and applications of Online Analytic Processing (OLAP), and identify the different types of OLAP. Emphasis will be placed on the understanding of enabling technologies and their applications to improve business operations and decision making.

**COMP 7820 Decision Analysis and Support (3,2,1)**

To provide a study of business decision making processes and the types of information systems that provide support to such processes, including the characteristics and architectures of such systems. Students will learn the challenges and techniques of managerial decision making in an environment of imperfect and changing information. Both the qualitative and the quantitative aspects of decision making will be covered.

**COMP 7830 Health Informatics (3,3,0)**

In this course, students will learn the following: (1) structures, operations and workflow in healthcare organizations, (2) data and data standards in the healthcare industry, (3) information technology in healthcare, and (4) health information systems.

**COMP 7840 Management of Medical Visual Data (3,2,1)**

In this course, students will learn (1) some fundamental image processing techniques, (2) the characteristics of different types of medical images, (3) the structure and components of visual information management systems, and (4) the architecture and application of picture archiving and communication systems.

**COMP 7850 Information Security Management (3,2,1)**

This course studies the principles of information security management. The course content is compatible with current industrial standard in information security (e.g. CISSP certification). The students will also learn the current topics and issues in information security management. On completion of the course, students should be able to (1) understand the principles of information security management, (2) acquire the knowledge equivalent to current industrial standard in information security (e.g. CISSP certification), and (3) identify practical information security principles and guidelines with the consideration of legal and privacy issues.

**COMP 7870 IT Innovation Management and Entrepreneurship (3,3,0)**

The development of information technology and innovations plays an increasingly important role in enhancing the competitiveness of countries, organizations, and individuals. Using a combination of lectures, case studies and discussions, term project, and guest lectures, this course prepares students for the technology and information economy by providing the knowledge and skills necessary for innovation management and entrepreneurship. With particular emphasis on information technology-related activities, this course aims to (1) introduce students to the fundamental concepts, practices, opportunities, and challenges related to innovation management and entrepreneurship, (2) provide students with frameworks and tools for the successful management of innovation from idea generation to market exploitation, and (3) stimulate students' interest in entrepreneurship and thus cultivating an entrepreneurial spirit.

**COMP 7880 E-Business Strategies (3,3,0)**

E-business offers real and abundant opportunities for small, medium and large companies throughout the world. However, success in e-business rarely happens without strategy. This course exposes students to contemporary management thinking, methods, and strategies necessary to effectively build and manage e-business systems. Using a combination of lectures, case studies and discussions, in-class assignments, and term project, this course aims to; (1) introduce students to the fundamental concepts and approaches of strategic management, (2) provide students with a comprehensive framework for understanding the business models and strategies for e-business, and (3) prepare students to be active participants in formulating and implementing e-business strategies for organizations.

**COMP 7890 Dynamic Web Programming (3,2,1)**

Prerequisite: Basic knowledge on database and computer programming

This course aims to cover key concepts, technologies and skills on server-side and client-side Web programming, including HTML, CSS, JavaScript, basic server-side script language, database connectivity via Web, session management, as well as more advanced topics like AJAX, JavaScript API, Web services, and Web APIs.

**COMP 7900 Project and Research Skills in IT Management (3,\*,\*)**

The course provides students with basic knowledge of and develops their skills in conducting projects and research in the field of IT management. It also develops students' skills in critical reading, thinking, and writing.

**COMP 7910 MSc Research (3,\*,\*)**

Prerequisite: COMP 7730 MSc Project (with grade B+ or above) Each student is required to work on an academic research project independently under the supervision of an academic staff. After

completing the research projects, students will submit written research papers and present their research results. Each project will be assessed by the supervisor and one observer on four aspects: (i) project management and progress, (ii) methodologies and results, (iii) paper writing, and (iv) oral presentation. Through these research projects, students will learn and practice how to identify research problems, conduct literature reviews, criticize and analyze existing solutions, propose and evaluate new solutions, write and present research papers.

**COMP 7920 Project Skills in IT Management (1,\*,\*)**

The course provides students with knowledge of and develops their skills in conducting projects in the field of IT management. It also develops students' skill in academic writing and presentation.

**CRWR 2110 Selected Readings in World Literature (3,3,0) (E)**

This course introduces literature written by world authors in the 19th and 20th century. Its focus is on short stories, poems, and plays. Students will learn to analyse the artistic and imaginative use of language, and develop the ability to think creatively and critically. The course aims to deepen students' understanding of people from other cultures which helps establish knowledge for their creative works in the future.

**CRWR 2120 Introduction of New Media (3,3,0) (E)**

This course is designed to equip students with the essential concepts of new media. Moreover, Web, blogs, games, creative industries, citizen journalism and global knowledge economy would be introduced to students.

**CRWR 2130 Creative Thinking (3,3,0) (C)**

Creative Thinking is the essential course of training students how to think creatively by knowing the mechanism of our mind. Students will explore to think from various angles and perspectives applying the creative tools into actual artistic and creative work.

**CRWR 2140 Cinematic Storytelling (3,3,0) (C)**

This course is aimed to train students with the cinematic storytelling techniques aside from dialogues and voice over, etc. which includes how the shots language, frame, shape, colour, lighting, editing, music and sound effects tell the story. As film is a unique medium that does not solely depend on the verbal delivery of messages, film scriptwriters need to understand the fundamentals of film art as a narrative tool.

**CRWR 2150 Adaptation Seminar: Literature, Drama, and Cinema (3,3,0) (E)**

This course introduces the students to the creative process of various adaptations from literature into film, drama into film, and literature into drama. This seminar addresses many of the considerations associated with translating texts to film, and offers an in-depth analysis of the ways in which how adaptation works successfully use imagery and film-editing techniques to capture aspects of the original script that would have been impossible to show on stage. Literature provides filmmakers with a rich source of material for films. The students compare concrete examples of adapted films to the original works, and discuss adaptation strategies of selected works.

**CRWR 2160 The Languages of New Media (3,3,0) (E)**

The course will start creative and critical uses of media, and students will discover new tools and new forms of communication useful throughout their studies. Students will have the opportunity to begin working with still images, video, and interactive media like Facebook, You tube, Blogs, Web2.0, Interactive Television, Games and mobile phone film/video to create a range of creative and interactive projects. The expressive range of screen languages in cultural, historical, and technological contexts will also be introduced. Discussions will focus on specific topics in digital

culture with attention to visual communication, hyper-textuality, interactivity and visual identity.

**CRWR 2170 Mobile Communication (3,3,0) (E)**

This course will train students to have a better understanding of Mobile Communication in contemporary information society. Students will have the opportunities to gain knowledge on mobile communication history, the relation between mobile communication and youth culture as well as mobile communication and its transformation of the democratic process. By the end of the course, students will be able to understand how the rapid emergence of online interactions with mobile communication technology has reshaped their lifestyle.

**CRWR 2180 Creative Writing for New Media I (3,3,0) (C)**

This course is aimed to train students with the practical skills for writing scripts, especially for E-books, E-magazine, mobile phone films/video and digital radio broadcasting creatively. The general principle in creative writing for new media will be introduced from week 1 to 5. The second part will focus on writing scripts for mobile phone film/video, and digital radio broadcasting. A new way of interactive storytelling, creative mindset and grammar are highly emphasized.

**CRWR 2210 Television Writing Workshop I (3,3,0) (C)**

This course will train students in professional scriptwriting for different TV programmes like Talk Show, Late Night Show, Reality TV, Children's Programme and TV News Magazine Show with Sit-com as the main focus. At the end of the course students will be able to write Sit-com scripts.

**CRWR 2220 Television Writing Workshop II (3,3,0) (C)**

This course will train students in professional scriptwriting for TV drama series and Made-for-TV movies. At the end of the course students will be able to write scripts for TV dramas.

**CRWR 2310 Screenwriting Workshop I (3,3,0) (C)**

This course introduces students to the craft of screenwriting, establishing a foundation for all future writing. Screenplay formatting will be a major focus, and students will learn how to write scene description, to describe characters and locations, and to develop dramatic conflict, climax, romance and humor. The course will also include script-to-screen action sequences, script-to-screen analysis, comparing well-known films to their original screenplays.

**CRWR 2320 Screenwriting Workshop II (3,3,0) (C)**

This course introduces students to the craft of screenwriting, establishing a foundation for all future writing. Screenplay formatting will be a major focus, and students will learn how to write characters' dialogue, monologue, voice-over, dramatic structure and the ways of storytelling narrative. The course will also include script-to-screen action sequences as well as script-to-screen analysis, comparing well-known films to their original screenplays. This course is a continuation of Screenwriting Workshop I.

**CRWR 3001 Graduation Project I (3,3,0)**

This course is the first section of the graduation project. It mainly helps students from generating, researching, developing, and planning ideas to writing up several high concepts, story outlines, character bios and scene breakdown for their script project in preparation for Graduation Project II. In the final year, regular consultation with graduation project supervisor will be arranged. The course provides an opportunity for students to prove they are capable of completing the project and graduating from the programme.

**CRWR 3002 Graduation Project II (3,3,0)**

This course is the second section of the graduation project. From the high concepts and story outline proposals produced in Graduation Project I, students will write scripts for full length feature film or animation or for certain episodes TV/Web drama