Examples of Previous Dissertation and Capstone Project Topics

**Dissertations**

**Topic:** Understanding the obstacles of using a tablet as a learning tool in primary schools from teachers’ perceptions – By Li Xiaolei, Teacher

“It gave me a better understanding of information technology in education, especially in tablet computers as learning tools.”

**Topic:** An investigation into students’ critical thinking skills in an online environment – By Ron Tsoi, Research Assistant at a university educational information technology centre in Hong Kong

“The MSc(ITE) programme equipped me with the updated knowledge about Information and Communication Technology (ICT) in education. The lecturers are superb and well-recognised in the field. The contents of the courses are up-to-date and practical. This programme is beneficial to me and also paves a way to my further study.”

**Capstone Projects**

**Topic:** Effectiveness of using Virtual Learning Environment (VLE) to train IT helpdesk staff in school – By Janice Sui, IT Manager at a professional and continuing education institution in Hong Kong

“No longer have I delayed the implementation of innovative teaching tools and software. My students are pleased with the new format of learning.”

**Topic:** Exploring the use of flipped classroom & MOOC in teaching and learning – By Kan Kwan, Art & Film-making Director/Chief Photographer at a photographic studio in Hong Kong; Part-time Tutor at a vocational education and training institution in Hong Kong

“I was encouraged that the engaging and flexible nature of digital video lecture-making projects offers broader potential to ground the use of ICT and multimedia technologies in discipline-specific content and processing. And through the different stages of the processing for video lecture production, I gained many useful perceptions for the interactive and self-access learning in flipped classroom with Please2Open Online Courses (P2OC).”

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**Iris TSE**

Lecturer at a professional and continuing education institution in Hong Kong

“Knowledge acquired from the MSc(ITE) programme is of utmost importance to my career as a lecturer. Facilitated by highly-qualified and experienced teaching staff, I have been greatly inspired to successfully incorporate Information and Communication Technology (ICT) in my teaching. I also gained a lot of practical experience which can be applied to my teaching. Specific aspects such as the design of ICT-led teaching and learning activities as well as the creation of multimedia teaching materials had been covered in the curriculum. Skills I learned are in turn beneficial to my students as greater engagement has been reflected from the active responses they gave. Moreover, I was given a valuable opportunity to strengthen my research ability when being a member of the Research team in the Centre for Information Technology in Education (CITE) such that my research ability is further enhanced.”

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**Patrick LAM**

Associate Director at a non-government organisation in Hong Kong

“The programme equipped me with insights and practical skills of e-leadership when I was a school principal at that time. It is an authentic integration of theory and practice for education practitioners. I was able to apply the knowledge of organisational change management for 21st Century learning as well as innovative curriculum and pedagogical design in my workplace. Furthermore, I gained hands-on experience of some e-learning tools which are quite practical to my work. It’s my pleasure to study in the MSc(ITE) programme in the past two years and I’m glad to become a graduate.”

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**Steve YONG**

Assistant Operations Director at a Hong Kong based university press

“As a student of the MSc(ITE) programme, I met different people in related markets, who enjoy sharing views in e-learning, I explored governmental e-learning policies and developments in local and foreign countries. Furthermore I gained hands-on experience of some e-learning tools which are quite practical to my work. It’s my pleasure to study in the MSc(ITE) programme in the past two years and I’m glad to become a graduate.”

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**Iris WU**

Visual Arts Panel Head at a secondary school in Hong Kong

“Studying a Master’s degree programme majoring in Information Technology in Education at the University of Hong Kong has been a rewarding experience which has sparked my interest in pursuing advanced studies. The MSc(ITE) programme is a high-standard programme for ardent learners. Apart from a systematic, well-organised curriculum, it was taught by a group of renowned scholars in the field. It has not only enriched my knowledge of using Web 2.0 platform, but also equipped me with an innovative perspective, enabling me to think about technological implications of new technologies from various standpoints.”

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**Siu Man TSIM**

Primary School Teacher

“What I learned through the programme is very useful in my job.”

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**Steve YONG**

Assistant Operations Director at a Hong Kong based university press

“As an IT professional, I am often called upon to deliver training courses on IT-related topics. The programme equipped me with practical skills which are very useful to my work. It’s my pleasure to study in the MSc(ITE) programme in the past two years and I’m glad to become a graduate.”
Information Technology in Education is a multi-faceted field of study which combines learning theories, instructional design principles, learning technology, research methods, and pedagogical strategies. This programme aims to train technology coordinators in organisations or school contexts.

Why MSc(ITE)?
Business organisations (such as multimedia publishers, banks, and corporate training centres), universities, and schools are frequently in need of skilled professionals in applications of information technology in educational and training contexts. This programme offers participants theoretical and practical insights in the application of instructional design principles and information technology tools for learning and instruction.

What the MSc(ITE) Offers?
An introduction to research in technology for education
An exploration of the cultural, administrative, theoretical and practical implications of technology in education
An investigation into adult learning principles and strategies
An opportunity to apply technology in learning and teaching

Who Should Apply?
Any part-time work opportunity

What are the Admissions Requirements?
To be eligible for admission to the programme, a candidate shall satisfy both the University Admission Requirements and the Programme Specific Requirements as listed below.

What is the Mode of Study?
• For full-time study, the degree can be completed in one year
• For part-time study, it can be completed in two years and no more than four consecutive years
• Study is conducted in face-to-face mode supplemented by online learning (e-learning)
• The flexible modular structure allows students to study at their own pace
• There are three terms per year
• Classes are usually held on weekdays from 6:30 pm to 9:30 pm and on Saturday mornings and afternoons. Some day-time classes will be held on weekends.

Programme Structure (2 Pathways)

### E-learning
- Digital culture and educational practice
- Innovative practices in education through information technology adoption
- Organisational learning
- Technology in education in China within a global context
- Engaging adult learners
- Project management
- Information system analysis and development
- Information technology and intellectual property law in education

### Learning Technology Design
- Placemakers in education
- Learning design and technology
- Digital resources for learning
- Mobile and ubiquitous technology in education
- Educational video and storytelling
- New literacies and technology
- Engaging adult learners
- Data science and learning analytics
- Information system analysis and development
- Information technology and intellectual property law in education

### Core
- Information technology and educational leadership
- Teaching and learning with information technology
- Research and enquiry
- Methods of research and enquiry

### Programme Specific Requirements
1. Comply with the General Regulations applicable to higher degrees as prescribed under General Regulation G2(b) having:
   - A candidate who is seeking admission on the basis of a qualification from a university or comparable institution outside Hong Kong of which the language of teaching and/or examination is not English, shall satisfy the University English language requirement applicable to higher degrees as proscribed under General Regulation G2(b) having:
     - A score of 550 or above (paper-based test) or 80 or above (internet-based test) in the Test of English as a Foreign Language (TOEFL) #;
     - A minimum overall band of 6.0 with no sub-test lower than 5.5 in the International English Language Testing System (IELTS); or
     - A grade of C or above in the Overseas General Certificate of Education, the International General Certificate of Secondary Education, or the Cambridge Test of Proficiency in English Language.

2. Hold a Bachelor’s degree of this University or a qualification of equivalent standard from this University or another comparable institution accepted for this purpose.

3. All candidates shall satisfy the examiners in a qualifying examination, if required.

4. For admissions only, TOEFL, or IELTS scores recorded in the two years before the date of application will be considered.

### How to Apply?
**Application Deadline**
10:00 noon, January 31, 2020 (Friday)

**Enquiries**
Tel: (852) 3943 7000 / 3943 7010 | Email: mite@hku.hk
https://web.edu.hk/hku/programmes/mite

The information in this pamphlet is accurate at the time of printing but may be subject to change at any time. The Faculty reserves the right at all times to withdraw or change the courses listed in this pamphlet.