

COURSE DETAILS

Master's Degree

27702 Research in Educational Technology and Communications (6 credits)

Course Learning Outcomes

1. To enable students to analyze and synthesize concepts and theories in educational technology and communications of interest for research.
2. To identify problem for research and details of problems for research.
3. To enable students to design research, develop research instrument, develop research instrument with quality and conduct research on educational technology and communication.
4. To enable students to use statistics for data analysis in accord with research problem.
5. To enable students to publicize and apply educational technology and communications research work.

Course Description

Concepts in educational technology and communication research, research problem, literature, research design which included population and sample group, data compilation, development and verification of quality of test instrument, statistics for research, descriptive research, experimental research, qualitative research and evaluation of educational technology and communication research project, research in system approach and educational design, research in behavior and educational method, research in educational communications, research in environment and educational management, research in educational evaluation and publication, application of educational technology and communications research work.

27703 Systems Approach in Education (6 credits)

Course Learning Outcomes

1. To acquire knowledge and understanding of concepts in system and system approach in education, procedure of system approach in education which included analysis, synthesis of simulation and test of system.
2. To acquire knowledge and understanding of system approach in formal school system, nonformal school system and informal system as well as information society.
3. To acquire knowledge and understanding of system approach in educational communications and system approach in educational media application.
4. To enable students to achieve in system approach in education.
5. To enable students to design instructional system, training system and knowledge and educational resource center.
6. To acquire knowledge of administration and control system in education and broadcasting of educational system.

Course Description

System and system approach, analysis of educational system, synthesis of educational system, construction of simulation in educational system, test of educational system, educational system approach in formal school system, nonformal school system and informal system, educational system approach in information society era, design of instructional system, training system, knowledge and educational resource center, system approach in educational media, system approach in educational media application, individual case in educational system approach, administration and control over educational system and broadcasting of educational system.

27704 Seminar in Educational Technology and Communications (6 credits)***Course Learning Outcomes***

1. To acquire knowledge and understanding of academic seminar in educational technology and communications.
2. To acquire knowledge and understanding of theory and research results of scope in educational technology and communications.
3. To compile literature related to scope in educational technology and communications leading to research.
4. To organize seminar in educational technology and communications.

Course Description

Academic seminar in educational technology and communications, seminar in theory and research results in system approach and educational system design, in educational behavior, in educational methodology, in educational communication for learners, media for the impaired, media for the disabled, media for marginal people, and media for inmates, management of educational environment, educational management, and educational evaluation.

27705 Educational Technology and Communications in Human Resource Development (6 credits)***Course Learning Outcomes***

1. To acquire knowledge and understanding of development of human resource, concepts regarding human resource development, and development of educational technology and communications and development of human resource.
2. To acquire knowledge and understanding of application of educational technology and communications and development of human resource by self-development, study, training, knowledge and environment management.
3. To enable students to use educational technology and communications in information technology service center and distance education.
4. To acquire knowledge and understanding of application of Epistemology with development of human resource.

5. To enable students to develop human resource to meet with Thai Folk.
6. To cite an example of application of educational technology and communications to development of human resource.

Course Description

Concepts relating to human resource development, educational technology and communications and human resource development, development of educational technology and communications and human resource development, educational technology and communications and human resource development by self-development, study, training, and environment, human resource development in information society era and learning society, resource center for human resource development, information technology and human resource development, distance education and human resource development, Epistemology and human resource development, human resource development according to Thai Folk, case study in application of educational technology and communications and human resource development.

27706 Instructional Technology and Communications and Training (6 credits)

Course Learning Outcomes

1. To equip students with knowledge and understanding of concepts of instructional technology and instructional communications.
2. To enable students to apply theories of learning and teaching in actual instruction and training.
3. To equip students with knowledge and understanding of audio-visual media for instruction, mass media for instruction, electronic and telecommunications media for instruction, and learning modules.
4. To enable students to develop instructional media innovations for use in schools or informal or non-formal educational settings.
5. To equip students with knowledge and understanding of concepts of training technology and training communications.
6. To equip students with the knowledge and ability to organize and design training programs using appropriate training methods and media.
7. To enable students to evaluate instructional and training technology and communications.
8. To enable students to be aware of the morals and ethics of educational technology professionals.

Course Description

The course covers concepts of instructional technology and communications and theories of learning and teaching in the contemporary educational system. Students will explore the topics of audio-visual media, mass media, electronic and telecommunications media, learning modules, and instructional media innovations for use in schools and in non-formal and informal education settings. The course also covers concepts of training technology and communication; the design and management of training programs, training methods, the use of communications for training and the use of training

centers. Students will learn how to evaluate instructional and training technology and communications and about the professional morals and ethics of professional educational technology personnel.

27707 Educational Technology and Communication Management (6 credits)

Course Learning Outcomes

1. To acquire knowledge and understanding of concepts in educational technology and communications management.
2. To acquire knowledge and understanding of planning, organization management, personnel management, facilitation, communications, coordination, control, resource allocation, evaluations and follow-up and results report of educational technology and communications management.
3. To be aware of trends in educational technology and communications management.

Course Description

Concepts regarding educational technology and communications management, dimension system of educational technology and communications management, planning management, personnel management, facilitation, communications, coordination, control, resource allocation, evaluation and follow-up and results report of educational technology and communication management, case studies of educational technology and communication management at local, national, international level and trends in educational technology and communication management.

27708 Electronic and Tele-communication Media in Education (6 credits)

Course Learning Outcomes

1. To explain the concept of communication in the digital age of electronic and tele-communications media for education, and tele-communications for education, and types of electronic communication for education.
2. To enable students to create electronic and tele-communications media for education.
3. To explain the concept of electronic and tele-communications media for education, and applied in the context of formal education, Non-formal education, training programs and lifelong learning.

Course Description

Communication in the digital age and education; communications for electronic and tele-communications media for education; educational television; educational radio broadcasting; educational radio and television; social media and social network for education; virtual reality for education; application for education; satellite for education; application of electronic and tele-communication media for education; and the uses of electronic and tele-communications media for in the context of formal education, Non-formal education, training programs and lifelong learning.

27794 Independent Study (Educational Technology and Communications) (6 credits)***Course Learning Outcomes***

1. To possess appropriate skills and experience in research, innovation study and educational technology.
2. To make use from results of research in educational technology and communications.

Course Description

Selection of problem for research, writing a research project, proposing research project, analysis of literature review, data collection and data analysis, presentation of research report, analysis of research results, application of research results for benefit of educational technology and communications, focus on study in development of appropriate innovation and educational technology.

27795 Thesis (Educational Technology and Communications) (12 credits)

Course Learning Outcomes: Upon completion of the course, students should

1. To be able to select research problems for a thesis.
2. To be able to survey and analyze literature related to the thesis.
3. To be able to design research for the thesis.
4. To gain knowledge and skill in writing and presenting the thesis proposal.
5. To be able to develop quantitative research tools.
6. To be able to develop qualitative research tools.
7. To be able to collect, analyze, and present data for the thesis.
8. To be able to present and defend the thesis examination.
9. To be able to write the complete thesis report.
10. To be able to write the research report for publication.

Course Description

Selection of the research problem; survey and analysis of relevant literature; research design; writing and presenting a thesis proposal; tool development for thesis research, both quantitative and qualitative research; data collection; thesis data presentation; thesis presentation and examination defending; writing the complete thesis report; writing the research report for publication.

27796 Graduate Professional Experience in Educational Technology and Communications (6 credit)***Course Learning Outcomes***

1. To enable students to acquire knowledge and experience in stereotype regarding management in graduate professional experience in educational technology and communications;
2. To develop personality, human relations, team work, leadership in educational technology and communications.
3. To enable students to produce printed media for education, visual media for education, audio media for education and audio visual media for education.
4. To enable students to implement organization establishment project, organization management and educational technology and communications personnel development.

5. To increase proper morality, ethics and professional code of conduct.

Course Description

Stereotype regarding management in graduate professional experience in educational technology and communications, personality development, human relations, team work, leadership, morality for educational technology and communications professional, audio media production for education, audio visual media for education, implementation of founding an educational technology and communications center, establishment of educational technology and communications organization, management of educational technology and communications organization and educational technology and communications personnel development.

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