

## COURSE DETAILS

### 10121 Human Civilization

(6 credits)

#### *Course Learning Outcomes*

1. To have knowledge on Eastern and Western civilization in terms of politics, economy, and society.
2. To understand human civilization in the past which is fundamental of the current civilization.
3. To realize and appreciate the values of human civilization.

#### *Course Description*

Knowledge on Eastern and Western civilization human has created in terms of politics, economy, society, wisdom, arts, as well as science and technology.

### 10131 Human Society

(6 credits)

#### *Course Learning Outcomes*

1. To understand the existence of human community and society.
2. To understand the political, legal, economic and social mechanisms affecting an organization of human society.
3. To promote the responsibility to the society and nation.

#### *Course Description*

Basic characteristics of being human; cohesion into communities and societies; human distribution and settlements; the components of society; human behavior in society; political, legal, economic and social mechanisms affecting the organization of human society; social problems and methods to solve them; promotion of a good society.

### 10141 Science, Technology and Environment for Life

(6 credits)

#### *Course Learning Outcomes*

1. To gain knowledge about the concepts, rules and development of science and technology, and how they influence of thought and human livelihood.
2. To gain knowledge about the evolution of living things and human beings.
3. To understand the relationship between humans, the environment, and the effects of science and technology on the environment.
4. To gain knowledge of the applications of science, technology, and mathematics in daily life.
5. To enhance scientific thinking and awareness of the need for environmental preservation.

#### *Course Description*

Concepts, theories, critical thinking, rules and development of science and technology; natural history concerning human beings; the parts of the human body; humans and the environment; hygiene and nutrition; the application of science, technology, and mathematics in everyday life.

### 10151 Thai Studies

(6 credits)

#### *Course Learning Outcomes*

1. To learn about Thailand's history, society, language and culture.
2. To be able to apply the course knowledge to daily life.
3. To understand and take pride in what it means to be Thai.

***Course Description***

Knowledge about Thai in terms of history, settlement, politics, economy, culture, religion and ritual, language and literature, arts and culture.

**20301 Educational Technology and Communication****(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of innovations and scope of educational technology and communications.
2. To acquire knowledge and understanding of the scope of educational communications including various types of educational media that are used in learning.
3. To realize the importance of using educational technology and communications in organizing the educational systems in the school system, in the non-formal and informal education system, and in the organization of education at home and in the community.

***Course Description***

The study of innovations and educational technology that are the scope of educational technology related to the organizing and designing of the educational system; behaviors, methods and educational communications affecting the organizing of environmental condition, educational management and evaluation; the relationship between educational communications and the media; the educational media covering the printed media for education, audio-visual media for education, audio media for education, picture media for education, electronic and social media for education; the media related to presentation in the forms of exhibition media and three dimension media for education, method media and learning center; the effects of educational technology and communications on the formal education system, non-formal education and informal education system; and organizing of education at home and in the community in order to take the knowledge and understanding to be applied for educational management.

**20302 Statistics, Research and Evaluation in Education****(6 credits)*****Course Learning Outcomes***

1. To acquire fundamental knowledge about principles of statistics, research and evaluation in education.
2. To be able to design, conduct a research and evaluation in education.
3. To be able to employ appropriate statistical Methods for research and evaluation in education.
4. To be able to integrate research and evaluation for educational development.
5. To be able to apply research and evaluation results for educational development.

***Course Description***

Fundamental knowledge in research, research implementation, research design, research for formal and nonformal educational development, fundamental knowledge on educational measurement and evaluation, evaluation in classroom, research integration, measurement and evaluation for formal and nonformal instructional development, instrument and construction of research instrument for data compilation, development of instrument for cognitive measurement, construction and development of instrument for affective measurement, construction and development of instrument for psychomotor measurement, data compilation for research and evaluation in education, fundamental statistics for research and evaluation in education, data preparation and analysis statistics, presentation of data analysis results, conclusion and discussion of results, evaluation, presentation of research results, use of research results and evaluation for educational development.

**20303 Psychology and Learning Methodology****(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of principles, concepts and psychological theories related to teachers and educational professionals.
2. To be able to apply psychological principles, concepts and theories to develop learners and manage learning effectively.
3. To acquire knowledge and understanding of principles, concepts and theories relating to learning patterns both in formal and non-formal educational teaching.
4. To possess ability in practical application of knowledge in efficient development of learners and instructional management through both formal, non-formal and informal system.

***Course Description***

Principles, concepts and theories of child developmental psychology, adolescents and adults educational psychology popular intellectual group Humanist group and behavior groups psychology for guidance counseling psychology theoretical group that emphasizes thought and reason Group of theories that emphasize emotions and feelings and theoretical groups that emphasize behavior personality psychology social psychology community psychology.

Learning psychology and informal education and informal education and applying psychological principles, concepts and theories in learning management science and art in formal and informal education management learning theory and teaching both in the system and outside the system.

**27101 Equipment in Educational Technology and Communications****(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of concepts regarding equipment in educational technology and communications.
2. To acquire knowledge and understanding of instructional equipment and equipment in educational communication.
3. To acquire knowledge and understanding of instructional equipment and equipment used in educational communication and equipment used in educational communication laboratory.
4. To acquire knowledge and understanding of concepts in application of communication, computer and electronics equipment for educational uses.
5. To acquire knowledge and understanding of designing and production of equipment in educational technology and communications.
6. To acquire knowledge and understanding of innovation and trends of equipment in educational technology and communications.

***Course Description***

Concepts equipment in educational technology and communications covering basic knowledge on instructional equipment, equipment in educational communications, equipment used in teaching, equipment used in communication for education, equipment used in producing educational media, application of use of communication computer and electronics for the education, designing and production of educational technology and communications, and innovation and trend of equipment in educational technology and communications.

**27103 Creative and Appropriate Educational Media****(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of concepts regarding creative and appropriate educational media.
2. To acquire knowledge and understanding of principles and fundamental concepts of each teaching instruction and can produce appropriate teaching instruction suited for applying in real teaching.
3. To acquire knowledge and understanding and aware of application of local media for education.
4. To able to choose educational media for the appropriate use in education.

***Course Description***

Selection of various educational media to adapt, modify and develop to be a new educational media that suitable for objectives, experience and values of education. This begins with knowledge and understanding of creative and appropriate educational media covering common vision regarding creative and appropriate educational media, lecture-based instructional package, group activity instructional package, individual instructional package, distance instructional package, interactive radio and television instructional package, table conferencing instructional package, telephone instructional package, computer-based instructional package, e-learning instructional package, local media for education and environment, local media for education and presentation, local media for education and indigenous wisdom, application of local media for education and future vision of creative and appropriate educational media.

**27104 Radio and Television in Education****(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of audio visual broadcasting and its application for educational learning society.
2. To acquire knowledge and understanding of radio and television in education.
3. To acquire knowledge and understanding in producing radio, television programs and audio visual recording medias.
4. To be able to produce radio, television programs for education.

***Course Description***

Systems of audio broadcasting, audio visual broadcasting for educational proposes in appropriate society that gether for learning. Introduction of radio and television program production in education, audio visual recording in education, cassette production, video production, audio visual broadcasting for education which emphasizes training in script writing, production, and audio visual ordering.

**27112 Administration of Educational Media Center****(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of principles and fundamental concepts regarding organization and its administration structure.
2. To develop skill in the administration of personnel, bugetting, information technology and network communication, infrastructure and facilitation resources.
3. To make awareness and appreciate the values of infrastructure and facilitation resources, and environment for work and services.
4. To study and develop the appropriate organization for educational technology and communications that suitable for its role in present society.

***Course Description***

Principles and fundamental concepts of administration of educational technology and communication center is essential basic for administration and organization of the center. This has aim to emphasize on effective management in marketing for producing media, personnel administration, budget administration, information technology and network administration in educational technology and also building administration for good environment. Research to facilitate the education for good technology and communication of the organization.

**27117 Educational Management Technology****(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of concept of technology and educational media for management of education.
2. To acquire knowledge and understanding of relationship of technology and educational media for the management of education.
3. To be able to analyze the use of technology and educational media for the management of formal and informal education in the past, present and the future.
4. To be able to use the educational management technology acquired to develop themselves and for training.
5. To be able to give an example of the use of the educational management technology to organize the distance teaching and the other educational managements that suited for Thai society.

***Course Description***

The concept of technology and educational media for management of education, scope of technology and educational media, the use of educational management technology to organize the formal and informal education, and distance teaching, the use of educational management technology to develop self-development and training, the use of the educational management technology to manage the other education that suited for Thai society.

**27401 Instructional Media in Basic Education****(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of media for pre-school education.
2. To acquire knowledge and understanding of media for primary-school education.
3. To acquire knowledge and understanding of media for high-school education.
4. To acquire knowledge and understanding of system management of educational media and evaluation and efficacy testing.
5. To make awareness of an importance of educational media in basic education and know how to apply to the teaching.

***Course Description***

Instructional media is an important tool in learning and teaching of the basic education, covering the management of educational media system, instructional media consisted of toy, playing and game management for early childhood children, primary and secondary students, media for telling tales, physical preparation, intelligence development, creative thinking, experience management for early childhood children, instructional media in science and mathematics, Thai language and social studies, health studies and physical education, English, arts and professional technology, evaluation and testing of media efficiency and trend of instructional media in basic education.

**27416 Professional Experience in Educational Technology and Communications (6 credits)**
***Course Learning Outcomes***

1. To be able to apply the principle and theory that acquired to the practice.
2. To manage the various experience that the contents cannot be offered to the students in the distance teaching programs.
3. To build desired characteristics of the students, such as leadership, and effective skill in technology and educational media gain practical skills in educational technology and communications.
4. To develop students to be ethical considerate person, and acquire good professional attitudes toward educational technology and communications.

***Course Description***

Application of concept and theory regarding educational technology and communications toward the professional practice, by intensive seminar/workshop, concept of technology and communications used in high professionals, personnel development, training for production of educational media, study visits and internship on educational technology, research in educational technology and communications, and development of ethics for educational technology and communications professionals.

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