

COURSE DETAILS

10103 Life Skills

(6 credits)

Objectives

1. To gain skills in communication, acquiring common knowledge, and using technology in everyday life.
2. To gain skills in thinking, analyzing and problem-solving in various situations.
3. To develop oneself in the areas of morality, ethics and human relations.

Course Description

To gain necessary life skills in society such as a hunger for knowledge, how to gain knowledge and continuously seek further self-development; be able to use technology efficiently; apply reasoning, analytical thinking, problem-solving, and negotiation skills; learn the principles of self-management, emotional control, and stress management; to develop oneself to have morality, ethics, proper human relationships, manners and etiquette.

10111 English for Communication

(6 credits)

Objectives

1. To be able to use English as a means for communication.
2. To study structures, vocabulary and important English idioms.
3. To equip students with skills in listening, speaking, reading and writing in English for accuracy and appropriateness in various situations

Course Description

Structure, vocabulary and English idioms used in listening, speaking, reading and writing English for communication.

10121 Human Civilization

(6 credits)

Objectives

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)

Objectives

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)*****Objectives***

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)*****Objectives***

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.

10161 Thai for Communication**(6 credits)*****Objectives***

1. To be able to use Thai language as a tool for communication.
2. To improve language skill for communicate effectively and creatively.
3. To be able to use language in daily life and to pursuit of knowledge.

Course Description

Significance of language, idea and communication; the art of using word, sentence, idiom, phrase; development of listening, speaking, reading and writing skills to communicate effectively and creatively; using Thai language in daily life to pursuit of knowledge and transfer knowledge.

20201 Development Educational**(6 credits)*****Objectives***

1. To enable students to acquire knowledge and understanding about the relationship between education and social development.
2. To be able to analyze the impact between education and social affairs Economy and politics.
3. In order to realize the importance of education as an activity and process which is an important factor in national development.

Course Description

The relationship between education and different areas of social development; analysis of education as a social activity and process including socialization, cultural transference, democratic development, and social development; the interaction between education and society, culture, economics and politics; the study of education as a factor in promoting national security and understanding among countries.

20202 Instructional Science**(6 credits)*****Objectives***

1. To study the development of students at various age levels to study the curriculum to be consistent with the development of students.
2. To study various teaching and teaching principles.
3. In order to be able to evaluate progress and provide appropriate student support services.

Course Description

The importance of instruction; educational psychology; learning principles; definition and format of curricula; the development of Thai curricula; principles of instruction; methods of instruction for large and small groups; individual instruction; organization of the teaching-learning system; student evaluation; student progress reports; student assistance and services.

20203 Education and Life and Community**(6 credits)*****Objectives***

1. In order to have knowledge and understanding and able to analyze various communities.
2. In order to have a better understanding of the role of education in the community.
3. To be able to apply education to develop the community appropriately.
4. In order to realize the role of teachers in various community development.

Course Description

The relationship between education and life, the family and the community; the role of teachers in the community; education and community occupations; economics; natural resources; cooperation; health; nutrition; cultural conservation; security; recreation activities; and development.

20301 Educational Technology and Communication**(6 credits)*****Objectives***

1. To enable students to acquire knowledge and understanding of educational technology and communication concepts as well as the 7 dimension-scopes of educational technology.
2. To enable students to acquire knowledge and understanding of information technology and education including educational innovation.
3. To enable students to acquire knowledge and understanding of relationships between educational technology and communication through internal, external school system as well as informal system that included home, community educational management via educational screen, distance education, training and learning society.

Course Description

Concepts regarding educational technology and communication covering the study of educational technology dimensions in system approach, educational system design, behavior and instructional method, educational media, educational environment management, educational management and educational evaluation. Use of information technology in educational management, educational innovation, study of relationships study the use of educational technology and communication, internal and external school system as well as informal system that included home, community educational management via educational screen, distance education, training and learning society.

20302 Statistics, Research and Evaluation in Education**(6 credits)*****Objectives***

1. To enable learners to acquire fundamental knowledge about principles of statistics, research and evaluation in education.
2. To enable learners to be able to design, conduct a research and evaluation in education.
3. To enable learners to be able to employ appropriate statistical Methods for research and evaluation in education.
4. To enable learners to be able to integrate research and evaluation for educational development.
5. To enable learners 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 non-formal educational development; fundamental knowledge on educational measurement and evaluation; evaluation in classroom; research integration; measurement and evaluation for formal and non-formal instructional development; instruments and construction of research instrument for data compilation; development of instruments for cognitive domain measurement; construction and development of instruments for affective domain measurement; construction and development of instruments for psychomotor domain measurement; data compilation for research and evaluation in education; fundamental statistics for research and evaluation in education; data preparation and statistical analysis; presentation of data analysis results; conclusion and discussion of results; evaluation, presentation of research results; and the use of research and evaluation results for educational development.

20303 Psychology and Learning Methodology**(6 credits)*****Objectives***

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

Course Description

Principles, concepts and theories of developmental psychology in childhood, adolescence and adult; educational psychology of cognitivism, humanism and behaviorism; counseling psychology of rational, emotion and behavior group, personality psychology; social psychology; and community psychology.

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

20304 Foundations of the Education Profession**(6 credits)*****Objectives***

1. To acquire knowledge and ability in using accurate language for teaching as well as for academic study.
2. To acquire knowledge and understanding of concepts, educational theories, background and Thai educational management, vision including Thai educational development plan.
3. To acquire knowledge and understanding of theories and curriculum development process with ability to develop curriculums in school.
4. To acquire knowledge and understanding of theories and administration principles, leadership, system thinking, team work and ability to implement both professional and academic project.
5. To acquire knowledge and understanding of management in classrooms and ability to manage information system for classrooms management.
6. To acquire knowledge and understanding of quality assurance in education.
7. To acquire knowledge and understanding of roles, responsibilities, work load and importance of teacher profession with characteristics of good teacher.
8. To acquire knowledge and understanding of standards of teaching profession, professional code of ethics, laws related to education and capacity building, teaching potential and building positive attitudes toward teaching profession.

Course Description

Accurate use of language for teacher, philosophy, theoretical concepts of education, background and system management of Thai education, vision and Educational Development Plan of Thailand, theories and curriculum development process, curriculum development in educational institution, theories and principles of management, leadership, system thinking, team work, implementation of academic and professional project, culture, human relations and communication in organization, classroom management, information system management for classroom administration, educational quality assurance, education for community development, teaching profession development, role, responsibility, work load and importance of teacher profession, characteristics of good teacher, standards of teaching profession, code of ethics, laws related to education and capacity building, teaching potential and building positive attitudes toward teacher profession.

20307 Curriculum Development**(6 credits)*****Objectives***

1. Have knowledge and understanding about philosophy Course theory.
2. Have knowledge and understanding about the history and Thai education management system curriculum development Thai vision, Thai educational vision and Thai education development plan.
3. Have knowledge and understanding about the principles and processes of curriculum development factors and contexts about curriculum development Curriculum standards Applying courses course evaluation.
4. Can develop school curriculum Take the course to use and evaluate the school curriculum.
5. Able to analyze problems and trends in curriculum development.

Course Description

Philosophy, concepts, theories about courses history and Thai education management system Thai curriculum development Thai education vision and Thai education development plan principles and curriculum development process factors and contexts about curriculum development school curriculum development curriculum standards applying courses course evaluation and problems and trends in curriculum development.

20308 Instructional Management**(6 credits)*****Objectives***

1. Have knowledge and understanding about the theory and principles of management Laws related to educational administration.
2. Knowledge and understanding about corporate culture human relations in the organization communication in the organization management of information systems for management.
3. Have knowledge and understanding about teamwork teacher leadership systematic thinking, classroom management.
4. Able to create academic projects career training program project arrangement and student development activities and education for community development.
5. Have knowledge and understanding about educational quality assurance.

Course Description

Theories and principles of management laws related to educational administration organizational culture human relations in the organization communication in the organization management of information systems for management teamwork teacher leadership systematic thinking classroom management academic project preparation career training program project arrangement and student development activities and education for community development educational quality assurance.

21001 Child Development and Learning in Early Childhood**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding on concepts of development and learning of early childhood children including related theories in early childhood education.
2. To equip learners with knowledge and understanding on characteristics of child development according to age and learning styles of early childhood children.
3. To equip learners with knowledge and understanding of essential factors that influence early childhood children's development and learning.
4. To enable learners to observe, follow up, and evaluate early childhood children's development and learning.
5. To enable learners to apply knowledge on learning innovations in provision of experiences and arrangement of environment for development of early childhood children.
6. To enable learners to identify problems concerning development and learning of early childhood children and to find appropriate problem solutions.

Course Description

Definition and importance of development and learning of children from newborn to aged six; concepts and theories related to early childhood development and learning; desirable characteristics and competencies according to age of early childhood children; thinking process of early childhood children, learning styles of early childhood children and brain-based learning innovations; factors influencing development and learning of early childhood children; the surveillance, follow-up, and evaluation of early childhood children's development and learning; the problems of early childhood children's development and learning and finding ways for their solutions; and application of learning innovations in provision of experiences and arrangement of environment for development of early childhood children.

21002 Communication Innovation for Early Childhood Development**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding on concepts of communication innovation for development of children from newborn to aged six.
2. To enable learners to choose, select, design, produce or create communication innovations, as well as to give advices on how to efficiently use communication innovations for early childhood development creatively and relevant to problems and needs of children from newborn to aged six.
3. To enable learners to integrate knowledge and understanding on communication innovations and development of children from newborn to aged six in accordance with conditions of problems and needs of the children effectively and efficiently.

Course Description

Definition and importance of communication innovation for early childhood development; skills in communication innovation and media, including various forms of technology for communication; choosing and selection of related communication innovations; principles and process of producing and designing of communication innovations and using media for early childhood development; and conditions, problems, and needs related to communication innovations for early childhood development.

21003 Play, Toys and Playthings for Early Childhood Development**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding on concepts and theories related to play for early childhood development.
2. To equip learners with knowledge and understanding on toys and the provision of play activities for early childhood children.
3. To equip learners with knowledge and understanding on factors influencing play for early childhood development.
4. To enable learners to evaluate play behaviors and analyze problems of play behaviors of early childhood children in order to propose guidelines for problem solving.
5. To enable learners to design and develop toys to enhance development and learning in early childhood children appropriately.
6. To enable learners to apply knowledge for provision of play activities to enhance learning of early childhood children.

Course Description

Key concepts on play for children from newborn to aged six; relationship between play and learning development of the children; play characteristics and behaviors according to age for children from newborn to aged six; factors influencing play of children; encouraging children to play in order to enhance development and learning, roles of parents and concerned people in selecting toys and playthings appropriate for children development; designing and development of toys to enhance development and learning of children; play behavior problems of children and guidelines for their solutions; innovations for enhancing play experience of early childhood children; environment arrangement innovations that facilitate plays of early childhood children; evaluation of early childhood children's play behaviors; and advocacy campaigns for early childhood children.

21004 Family Studies and Early Childhood Development**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding of concepts on family and family studies.
2. To equip learners with knowledge and understanding of family development tasks and family functions in early childhood development.
3. To equip learners with knowledge and understanding of principles and models of early childhood development based on Thai lifestyle.
4. To equip learners with knowledge and understanding of factors influencing family in early childhood development.
5. To enable learners to evaluate family problems in early childhood development and identify solutions for the problems.
6. To enable learners to apply knowledge and innovations on family living for early childhood development suitable for children potentiality.

Course Description

Definition and importance of family; family studies and learning of family life skills; family development tasks and family function during the period of having early childhood children; principles and models in child rearing and development based on Thai lifestyle; factors influencing the family in early childhood development; evaluation of problem conditions of the family in early childhood development and guidelines for their solutions; application of family living innovations for early childhood development using positive discipline in family; promotion of family hygiene; communication for good relationship in family; enhancement of values and morality in family; coping with crisis in family; and family empowerment.

21005 Assessment and Behavioral Enhancement in Early Childhood**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding of theories on behaviors and behavioral enhancement in early childhood.
2. To equip learners with knowledge and understanding of principles, guidelines, and methods concerning assessment and behavioral enhancement of early childhood children.
3. To enable learners to analyze problems and find solutions to solve behavioral problems of early childhood children appropriately.
4. To enable learners to select and use instruments in assessment of early childhood children appropriately.
5. To enable learners to assess children's behaviors, organizing and applying data in behavioral enhancement of early childhood children.
6. To enable learners to enhance desirable behaviors that are appropriate for the children's age.

Course Description

Key concepts, principles in assessment and behavioral enhancement of children from newborn to aged six; theories related to behaviors and behavioral enhancement in early childhood; guidelines in assessment and behavioral enhancement in early childhood; innovations in assessment and behavioral enhancement in early childhood; guidelines for solving behavioral problems in early childhood; selection and using instruments in assessing early childhood children's behaviors; organizing documents and applying assessment results in behavioral enhancement; factors influencing the assessment and behavioral enhancement in early childhood; roles of concerned people in assessment and behavioral enhancement in early childhood; problems and obstacles in assessment and behavioral enhancement of children from newborn to aged six.

21006 Well-Being in Early Childhood**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding of concepts and theories on holistic well-being of early childhood children.
2. To equip learners with knowledge and understanding of needs and factors affecting well-being of early childhood children.
3. To enable learners to evaluate physical, mental, social, and spiritual growths and developments in early childhood.
4. To enable learners to identify common physical health and mental health problems and their solutions.
5. To enable learners to explain guidelines for caring and promoting of holistic well-being of early childhood children by the family, community, preschool children development centers, organizations, and concerned network.

Course Description

Definition and importance of well-being of children from birth to six years; the needs and factors affecting early childhood well-being, evaluation of physical, mental, social, and spiritual growths and developments in early childhood; common physical health and mental health problems and their solutions; related health services; and guidelines for caring and promoting of holistic well-being of early childhood children by the family, community, preschool children development centers, organizations, and concerned network.

21007 Food and Nutrition for Early Childhood**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding of food and nutrition for early childhood children.
2. To equip learners with knowledge and understanding of food and nutrition needs of early childhood children in each age group.
3. To enable learners to identify common nutrition problems and food and nutrition safety problems in early childhood, and guidelines for their preventions and solutions.
4. To enable learners to evaluate and surveil nutrition conditions in early childhood.
5. To enable learners to explain guidelines for caring and promoting of nutrition well-being of early childhood children by the family, community, preschool children development centers, organizations, and concerned network.

Course Description

Definition and importance of food, nutrients, and nutrition for early childhood children from birth to six years of age; the needs for food and nutrition in each age group of early childhood children; nutrition problems and food and nutrition safety problems in early childhood; guidelines for preventions and solutions of problems; evaluation and surveillance of nutrition condition; guidelines for caring and promoting of nutrition well-being of early childhood children by the family, community, preschool children development centers, organizations, and concerned network.

21008 Life Skills Development for Early Childhood**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding of life skills including concepts, principles and theories related to early childhood life skills.
2. To equip learners with knowledge and understanding of components and scope of early childhood life skills.
3. To enable learners to apply knowledge on cultivating and promoting life skills of early childhood children.
4. To equip learners with knowledge and understanding of the roles of parents and communities in enhancing early childhood life skills.
5. To enable learners to evaluate early childhood life skills.

Course Description

Definition and importance of life skills; concepts, principle and theories related to life skills of children from birth to six years of age; emotional, mental and social development; positive social behaviors of early childhood children; components of early childhood life skills; scope of early childhood life skills; life skills in the democratic way of life of early childhood children; developing self-discipline; being a good member of the society; creation of good relationship with the others; giving opinions and expressing emotions; having self-esteem and respecting the rights of oneself and others; emotional and social learning of early childhood children; virtues and morality of living together; constructive problem solving skills and conflict resolution; cultivating and enhancing life skills of early childhood children; the roles of parents, communities, and media in promoting early childhood life skills; and evaluation of early childhood life skills.

21009 Environment Management for Early Childhood Development**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding of concepts, principles, and methods related to environment management for early childhood safety and development.
2. To enable learners to apply knowledge for organizing environment facilitating early childhood development.
3. To enable learners to apply knowledge for organizing safety environment for early childhood children.
4. To equip learners with knowledge and understanding of the roles of parents and communities in organizing appropriate environment for early childhood children.
5. To enable learners to evaluate the organizing of appropriate environment for early childhood development.

Course Description

Concepts, principles and methods of environment management facilitating physical, mental, social, and spiritual development of children from birth to six years of age; concepts, principles and methods of managing safety environment; prevention of accidents and environmental hazards; the roles of parents and community in organizing appropriate environment for early childhood children; and evaluation of appropriate environment management for early childhood development.

21010 Caring for Early Childhood with Special Needs**(6 credits)*****Objectives***

1. To equip learners with knowledge and understanding on concepts of caring for early childhood children with special needs.
2. To equip learners with knowledge and understanding on the nature, conditions and problems of children with special needs.
3. To equip learners with knowledge and understanding on the concepts, principles and Psychology related to children with special needs.
4. To equip learners with knowledge and understanding on the roles of concerned persons in caring for children with special needs.
5. To enable learners to apply psychological knowledge in caring for children with special needs appropriately.
6. To enable learners to acquire knowledge and gain access to service and data sources related to children with special needs.
7. To enable learners to use media, activities and basic tools in caring for children with special needs.

Course Description

Definition and importance of caring for children with special needs from birth to six years of age; the nature, conditions and problems of children with special needs; psychology related to children with special needs; principles and concepts of caring for children with special needs; data analysis and preliminary diagnosis, qualifications and roles of persons involved with the caring for and development of children with special needs; principles and guidelines for evaluation of the helping and problem solving of children with special needs; methods for development of children with special needs; media, activities and basic tools for use in caring for children with special needs; service and data sources related to children with special needs from birth to six years of age.

21223 Guideline in Early Childhood Development**(6 credits)*****Objectives***

1. To enable learners to gain knowledge and understanding on concepts of early childhood development
2. To enable learners to gain knowledge and understanding on the movement of early childhood development, the relationships between family, community and society, and child advocacy.
3. To enable learners to gain knowledge and understanding on guidelines for early childhood development of foreign countries and Thailand.
4. To enable learners to apply knowledge concerning principles and methods of early childhood development for provision experiences for early childhood development.
5. To enable learners to gain knowledge and understanding on guidelines for early childhood development and children with special needs.
6. To enable learners to apply knowledge on early childhood development for provision experiences to develop physical, emotional, social, thinking and language of early childhood.
7. To enable learners to gain knowledge and understanding on Developmentally Appropriate Practice (DAP).

Course Description

Concepts concerning early childhood development; the movement of early childhood development; the relationships between the family, community and society; child advocacy; concepts concerning early childhood development in foreign countries; early childhood development in Thailand; provision experiences for early childhood development; principles and methods of provision experiences for early childhood development; guidelines for provision experiences to develop physical, emotional, social, thinking and language of early childhood; and Developmentally Appropriate Practice (DAP); development of children with special needs

21328 Innovation, Media, and Educational Technology in Early Childhood (6 credits)***Objectives***

1. To equip learners with knowledge and understanding of concepts concerning innovation, media and educational technology for early childhood.
2. To equip learners with knowledge, understanding and skills on development and uses of innovation, media and educational technology for early childhood physical, emotional, social and cognitive development.
3. To enable learners to creatively choose, select, and evaluate innovation, media and educational technology for early childhood development in accordance with the social and cultural contexts.
4. To enable learners to efficiently apply knowledge and understanding of innovation, media and educational technology for early childhood development in accordance with the problem conditions and the needs of early childhood.
5. To enable learners to analyze problems and obstacles concerning the use of innovation, media and educational technology for early childhood and offer approaches for solving the problems.

Course Description

Innovation, media and educational technology for early childhood development; the scope and types of innovation, media and educational technology for early childhood; the uses of innovation, media and educational technology for physical, emotional, social and cognitive development of early childhood; the application of research findings for development of innovation, media and educational technology for early childhood; quality/efficiency verification of innovation, media and educational technology for early childhood; the choosing, selection, and evaluation of innovation, media and educational technology for early childhood development; electronic media; media developed from local materials and local wisdom for early childhood development; the needs for using innovation, media and educational technology for early childhood development relevant to the situations and characteristics of the problems of individual early childhood; and the problems, obstacles of using innovation, media and educational technology for early childhood.

21329 Physical, Emotional, and Social Development in Early Childhood (6 credits)***Objectives***

1. To equip learners with knowledge and understanding of principles and concepts concerning early childhood physical, emotional, and social development.
2. To enable learners to apply knowledge and research findings on early childhood physical, emotional, and social development for provision experiences for early childhood development.
3. To equip learners with knowledge and understanding of factors influencing early childhood physical, emotional, and social development.
4. To equip learners with knowledge and understanding of the roles of people involving early childhood physical, emotional, and social development that can be applied in working with early childhood.

Course Description

The principles and concepts concerning early childhood physical, emotional, and social development; organization of experiences for early childhood physical, emotional, and social development; the application of research findings for early childhood physical, emotional, and social development; factors influencing early childhood physical, emotional, and social development; and the roles of people involving early childhood physical, emotional, and social development.

21330 Language Development in Early Childhood**(6 credits)****Objectives**

1. To equip learners with knowledge and understanding of the foundation knowledge of language, concepts and theories concerning language development in early childhood.
2. To equip learners with knowledge and understanding of the principles and guidelines of language development appropriate for early childhood that can be applied for early childhood development.
3. To enable learners to organize language development activities appropriate for the social and cultural contexts of early childhood.
4. To equip learners with knowledge and understanding of the roles of persons involving with language development of early childhood.
5. To equip learners with knowledge and understanding of the literature on language development of early childhood that can be appropriately applied for early childhood's language development.
6. To equip learners with knowledge and understanding of the design and creation of for early childhood.

Course Description

Foundation knowledge of language; concepts and theories concerning language development of early childhood; factors influencing early childhood's language development; language development for early childhood; the application of research findings for development of language for early childhood; the roles of persons involving with language development of early childhood; concepts concerning literature for early childhood; folk literature for early childhood; international literature for early childhood; the selection and uses of books for early childhood; the design and creation of books for early childhood; the literature and behavioral problems of early childhood in the society; and the patterns of presentation of literature for early childhood in mass media.

21331 Thinking Development in Early Childhood**(6 credits)****Objectives**

1. To equip learners with knowledge and understanding of concepts concerning thinking development in early childhood.
2. To equip learners with knowledge and understanding of the body of knowledge concerning the brain, thinking, and learning of early childhood.
3. To equip learners with knowledge and understanding of thinking and learning competency development of early childhood, and to apply the knowledge for development of early childhood's thinking.
4. To enable learners to identify factors influencing thinking of early childhood.
5. To equip learners with knowledge and understanding of the roles of persons involving the development of early childhood's thinking and learning, and enable learners to apply the knowledge for working with early childhood children.

Course Description

The concepts concerning thinking and thinking development of early childhood; the body of knowledge concerning the brain, thinking and learning of early childhood; factors influencing the thinking and learning ability of early childhood; development of thinking and learning of early childhood; the application of research findings for development of thinking and learning of early childhood; and the roles of persons involving in development of thinking and learning of early childhood.

21426 Professional Experience in Early Childhood Development**(6 credits)****Objectives**

1. To equip learners with knowledge and understanding of the work concerning early childhood development, developing skills and competencies on development of early childhood children that are in line with the development, learning, social context, culture, and sustainable development.
2. To equip learners with knowledge and understanding of environment arrangement for early childhood development.
3. To develop learners' personality, attitudes, virtues and ethics appropriate for working with children.
4. To enable learners to have systematic thinking, analytical thinking, synthesis thinking, and numerical analysis ability.
5. To enable learners to study research findings and apply them for early childhood Development.
6. To equip learners with the ability to use information and communication technology for working with the others.

Course Description

The application of knowledge and understanding of early childhood development; developing skills and competencies on development of early childhood children in accordance with the development, learning, social context, culture, and sustainable development of early childhood; the arrangement of environment for early childhood development; knowledge management; characteristics of people involving with early childhood; being a good model for early childhood; enhancement of awareness in virtues and morality; development of good attitudes toward working for early childhood development; systematic thinking; analytical thinking; synthesis thinking; numerical analysis ability; solving of children problems in the community and society; the study of research findings and their application in early childhood development; skills for using information and communication technology; and working with the others.

22304 Guidance in Secondary Education**(6 credits)****Objectives**

1. To acquire knowledge and understanding of background, principles, scope of guidance and guidance in secondary education.
2. To acquire knowledge and understanding of guidance services in secondary education.
3. To acquire knowledge and understanding of scope of guidance both educational, occupational, personal aspect, as well as social guidance.
4. To acquire knowledge and ability in problem prevention, problem solving, and students development by means of guidance.

Course Description

Knowledge and insight into guidance, psychology and guidance in secondary education, guidance administration and individuals involved with guidance in secondary education, guidance services provided for students, test and survey form for guidance in secondary education, individually case study, guidance activities, guidance research in secondary education, guidance in secondary education with communities, situation of current problems and guidance trends in secondary education.

23304 School and Community**(6 credits)****Objectives**

1. To see the importance of the relationship between school and community.
2. To understand the role of the school to the community and the role of the community towards the school.
3. In order to have knowledge and understanding of the roles and duties of the executives on community development.
4. To learn how to build and promote relationships and cooperation between schools and communities by focusing on how to apply the learning method.

Course Description

Concepts concerning school-community relations; school-community relations in Thailand; the mutual responsibility of the school and the community; general concepts of community development; community development in Thailand; integrated rural development; the roles and duties of educational administrators in Thai society and community development; school-community relations and cooperation, school-local board relations and cooperation; school public relations; problems of school-community cooperation.

24401 Fundamental Psychology and Sociology for Educational Measurement and Evaluation**(6 credits)****Objectives**

1. To acquire knowledge and understanding of psychology and sociology related to educational measurement and evaluation.
2. To acquire knowledge and understanding of development and psychographic of human at different ages.
3. To acquire knowledge and understanding of measurement, development of measuring and evaluating instrument for learners' psychographics.
4. To acquire knowledge and understanding of design and report of psychology measurement, psychology research for educational measurement and evaluation.

Course Description

Relationships between various branches of psychology and sociology and educational measurement and evaluation, human behavior, human development, perception, self-concept, personality, intelligence, human needs and motivation, deviance and adaptation, human social behavior, social changes, attitudes, value and beliefs, human relationships, learning, behavior modification, measurement of aptitude, personality, adaptation, interest, values, attitudes and motivation, observation and characteristics measurement, report of psychological measurement, case study and psychological research for educational measurement and evaluation.

24407 Professional Experience in Educational Measurement and Evaluation**(6 credits)****Objectives**

1. To develop evaluators' professional attitudes, ethics and morality.
2. To practice skills in administration and management for educational measurement and evaluation.
3. To practice skills in cognitive, affective and psychomotor measurement and evaluation.

4. To develop ability in planning for work development, control and supervision.
5. To develop ability in human relations and group dynamics.

Course Description

Development of evaluators' professional attitudes and ethics, research for learning development, administration and management for educational measurement and evaluation, cognitive, affective and psychomotor measurement and evaluation, evaluation of instructional outcomes, project evaluation, curriculum evaluation, quality assurance in education, application of evaluation results for educational quality development, application of information system for communication, psychology in work performance, principles for planning and work development, control and supervision, group process and group dynamics.

24411 Development of Cognitive Measurement Instrument

(6 credits)

Objectives

1. To acquire knowledge and understanding of principles and theories of cognitive measurement.
2. To be able to develop planning for precise cognitive measurement instrument suitable for desired ability of measurement.
3. To be able to develop quality cognitive measurement instrument suitable for desired ability of measurement.
4. To accurately and appropriately analyze, evaluate and improve quality of cognitive measurement instrument.
5. To be able to design report of cognitive measurement results and make use of the results for quality development and instructional administration.

Course Description

Concepts concerning cognitive measurement, expected cognitive learning outcomes, scale and types of cognitive measurement instrument, planning of the development of cognitive measurement instrument, validation of cognitive measurement instrument, construction of cognitive and non-cognitive test items, construction of reading, thinking, analyzing, writing measurement, construction of aptitude, intelligence measurement and standard instrument used for intelligence measurement, application of cognitive instrument and measurement results, report of cognitive measurement results, and standard of cognitive measurement.

24412 Development of Affective and Psychomotor Instruments

(6 credits)

Objectives

1. To acquire knowledge and understanding of affective and psychomotor measurement.
2. To be able to develop affective and psychomotor instruments.
3. To be able to use affective and psychomotor instruments and measurement results for instructional development.

Course Description

Concepts concerning affective and psychomotor measurement, expected affective and psychomotor learning outcomes, affective and psychomotor measurement scales, planning of the development for affective and psychomotor instruments, development of interest, satisfaction, attitude, characteristics and performance measurement, performance evaluation form, physical fitness measurement, validation of affective and psychomotor instruments, uses of affective and psychomotor instruments and results.

24413 Program Evaluation**(6 credits)*****Objectives***

1. To acquire knowledge and understanding of work plan and program.
2. To acquire knowledge and understanding of program evaluation procedures.
3. To be able to achieve program evaluation.
4. To acquire knowledge and understanding of application of program evaluation results.

Course Description

Concepts concerning work plan and program, development of work plan and program, concepts related to program evaluation, program evaluation procedures, program analysis, design for program evaluation, program evaluation writing, pattern of program evaluation, identification of evaluation objectives, identification of indicators and Criterion for program evaluation, sample groups and key informants, development of evaluation instrument, data collection for evaluation, data analysis and presentation of program evaluation results, evaluation report writing, uses of program evaluation results and evaluation of training project.

24414 Curriculum Evaluation**(6 credits)*****Objectives***

1. To acquire knowledge and understanding of curriculum evaluation.
2. To acquire knowledge and understanding of curriculum evaluation process.
3. To be able to achieve curriculum evaluation.
4. To acquire knowledge and understanding of application of curriculum evaluation results.

Course Description

Concepts concerning curriculum, curriculum development, curriculum evaluation, curriculum analysis, models for curriculum evaluation, planning for curriculum evaluation, indicators and criterias for curriculum evaluation, instrument development for curriculum evaluation, data analysis and presentation of evaluation results, report writing for curriculum evaluation, evaluation of schools' curriculum, evaluation of individual course development, local course and training course, application of evaluation results, evaluation of used curriculum, follow-up course results and improvement of course quality.

24415 Standard-based Measurement and Evaluation**(6 credits)*****Objectives***

1. To acquire knowledge and understanding of learning standards and indicators.
2. To be able to design standard-based measurement and evaluation.
3. To be able to construct verifying instrument quality of standard-based measurement and evaluation instrument.
4. To be able to evaluate and make use of results for further development of learners from standard-based evaluation.

Course Description

Basic knowledge regarding learning standards, learning indicators, learning standard indicators, standard-based measurement and evaluation design, analysis and classification of learning standards, identification of learning standard for thinking domains, characteristics and performance domains, types of standard-based measurement and evaluation instrument, construction and validation of instrument quality of standard-based measurement and evaluation of thinking, characteristics and performance domains, criteria identification of standard-based evaluation for individual course, validation of standard-based evaluation results, reporting and application of standard-based evaluation results.

24417 Administration and Management for Educational Measurement and Evaluation (6 credits)***Objectives***

1. To acquire knowledge and understanding of scope, teachers and administrators roles related to management for educational measurement and evaluation.
2. To acquire knowledge and understanding of administration and management for educational measurement and evaluation systematically.
3. To acquire knowledge and understanding of information system as well as item bank system in order to support management for educational measurement and valuation.
4. To acquire knowledge and understanding of needs assessment necessary for education, project evaluation, instructional evaluation and application of evaluation results for educational development.

Course Description

Management framework for educational measurement and evaluation, roles of teachers and administrators concerning educational measurement and evaluation, Analysis of problems concerning management for educational measurement and evaluation, planning for educational measurement and evaluation management, control, follow-up and supervision of management for educational measurement and evaluation, quality assurance in management for educational measurement and evaluation, evaluation of educational projects, evaluation and report of instructional outcomes, management of information system, item bank system necessary for educational measurement and evaluation management in schools, needs assessment for education, application of evaluation results for curriculum, instructional media development as well as educational products including personnel development for educational measurement and evaluation.

25301 Fundamental Psychology and Sociology for Guidance (6 credits)***Objectives***

1. To learn how to study human behavior and understand relationships between various branches of psychology and guidance.
2. To acquire understanding of fundamental psychology and sociology useful for guidance services.
3. To achieve in application of psychological and guidance research findings for useful guidance.

Course Description

Study of human behavior and relationships between various branches of psychology and guidance, human development, perception, self-concepts, personality, intelligence and modes of thought, human needs and motivation of deviance and adaptation, human behavior in society towards social changes, attitudes, values, belief, human relations, learning and behavior modification, fundamental psychology for counseling and psychological research for guidance.

25302 Principles and Systems of School Guidance (6 credits)***Objectives***

1. To acquire understanding of philosophy and scopes of school guidance.
2. To achieve with great efficiency in management and administration of school guidance.
3. To facilitate efficient coordination of school guidance with communities.
4. To achieve in school guidance evaluation correctly conforming to principles.

Course Description

Definitions, importance and scope of guidance, principles and management of school guidance, principles and management of guidance activities to correspond with curriculum, National Education Development Plans, National Economic and Social Development Plans, Child and Youth Development Plans, management system of school guidance personnel, management plan for school guidance, data system management for guidance, application principles for the present and future use of technology and innovation in guidance, professional development and

school guidance, coordination of school guidance and communities, establishing human relations, public relations for school guidance and communities, analysis and evaluation of school guidance, circumstance of school guidance at present and trends in the future, professional ethics of guidance counselors.

25303 Guidance and the Quality of Life

(6 credits)

Objectives

1. To acquire understanding of concepts regarding quality of life development and life planning.
2. To be able to provide efficient guidance services for personality, ethics development and profession planning.
3. To be able to make use of guidance services for favorable relations between students, parents, teachers and between school and communities.
4. To be able to facilitate guidance services process in developing students be potential citizens.

Course Description

Concepts concerning quality of life development and life planning, guidance for personality development, guidance for morals and value development, guidance and mental health promotion, guidance for human relationships promotion, guidance for professional planning promotion, guidance for work capability promotion, guidance for life development and social contribution.

25304 Guidance in Elementary Education

(6 credits)

Objectives

1. To acquire understanding of concepts regarding quality of life development and life planning.
2. To be able to make efficient guidance arrangements for personality, morality development and professional planning.
3. To be able to use guidance services in building favorable relationships between students, parents, teachers and between school and community.
4. To be able to facilitate guidance services process in developing students be potential citizens.

Course Description

Philosophy, definitions, needs and scope of guidance, guidance principles, types and guidance services in elementary education, teachers and guidance in elementary schools, roles of guidance personnel in elementary education, guidance methods in elementary education, guidance instrument in elementary education, organizing guidance activities for parents and communities, guidance administration in elementary school, guidance problems in elementary school guidance, future trends and innovation in elementary education guidance.

25405 Introduction to Techniques of Counseling

(6 credits)

Objectives

1. To acquire knowledge of basic principles of counseling services in guidance management.
2. To be able to apply particular counseling techniques when providing counseling services.
3. To gain experience in counseling services.

Course Description

Basic principles of counseling services in guidance management, counseling techniques in guidance management, individual and group counseling techniques, attentive behavior, skills in questioning, listening, reflecting emotions and content reflection, focusing, referring, collection of data on counseling, individual and group counseling techniques, follow-up and evaluation in counseling and practice in counseling techniques.

25406 Guidance Activities and Instruments**(6 credits)*****Objectives***

1. To acquire knowledge of guidance activities and instruments.
2. To be able to select suitable instruments and activities for guidance.
3. To promote ability in arranging guidance activities efficiently.

Course Description

Guidance activities and instruments, career and social adaptation, guidance activities and instrument for selecting study program and higher institution, for promotion of learning, survey of career interest and aptitude, promotion of good professional attitude, professional experience and career preparation, promotion of self-understanding, personality development, practice in team work and social dedication.

25407 Professional Experience in Guidance**(6 credits)*****Objectives***

1. To efficiently develop and promote ability in performing guidance services.
2. To promote knowledge and understanding of human relations and group dynamics.
3. To study and understand guidance management problems, in terms of process, how to manage guidance services and guidelines to solve problems.
4. To develop good attitude towards guidance services and being guidance teacher.
5. To obtain guidance skills for school guidance.

Course Description

Practical application of guidance principles and theories with emphasis on skills in human relationships, team work, work coordination, leadership effectiveness, school guidance management, guidance activities, creation/ application of guidance instruments, case studies and simulated conditions, professional ethics of counselor-teachers, group dynamics activities to nurture ethics, morals and leadership in students.

26301 Lifelong Education and Education Nonformal**(6 credits)*****Objectives***

1. To develop knowledge and insight into principles and philosophy of lifelong education, relationships between lifelong education and development.
2. To develop knowledge and insight into Thai educational system, current circumstance, problems and future trends.
3. To develop knowledge and insight into philosophy of nonformal and informal education, evaluation of nonformal and informal education with varied aspects of national development.
4. To develop knowledge and insight into current circumstance and problems regarding nonformal and informal educational management, urban and rural nonformal and informal education, comparative nonformal education, future trends of nonformal and informal education.

Course Description

Principles, philosophy and importance of lifelong education, how to manage lifelong education, evaluation of Thai educational management, current structure of Thai educational system, current circumstance and problems of Thai education, education and development, principles of nonformal and informal education, philosophy and value of nonformal and informal education, nonformal and informal education with economic, social and political development, evaluation of nonformal and informal education, current status and problems including wasteness of nonformal education management in Thailand, relationships between formal, nonformal and informal education, types of and activities in nonformal and informal education, institutes providing nonformal

education (public and private), nonformal education in urban and rural communities, comparative studies of nonformal education, future trends and issues of nonformal and informal education.

26302 Nonformal Education Management

(6 credits)

Objectives

1. To develop knowledge and insight into planning and project management in line with knowledge condition of communities.
2. To develop knowledge and insight into specific characteristics of nonformal and informal education project including ability development of planning and managing nonformal and informal education project.
3. To develop knowledge and insight into nonformal and informal education management and administration i.e. personnel, office work, financial and buildings administration.
4. To develop knowledge and insight into curriculum development for nonformal and informal education i.e. supervision, follow-up and evaluation, research, coordination, public relations.

Course Description

Principles and concepts of planning education management related to human foundations and community needs, specific characteristics of nonformal and informal education projects, planning process and nonformal and informal education projects, government roles in nonformal and informal education (official administration system), exploring community needs for planning nonformal and informal education projects, nonformal and informal education projects implementation, nonformal and informal education projects administration; nonformal and informal education projects personnel administration, administration of office work, finance, equipments and buildings administration, nonformal and informal education curriculum development and supervision, follow-up and evaluation of research results, decentralization of nonformal and informal education administration (case study), coordination nonformal and informal education (case study), organizing centers for providing information services; advice and counseling in nonformal and informal education, public relations and quality assurance for nonformal and informal education.

26403 Community Resources for Nonformal Education

(6 credits)

Objectives

1. To develop knowledge and insight into characteristics and types of community resources.
2. To develop knowledge and ability in analysis, survey of community resources including planning and developing community resources as well as administration and coordination to make use of community resources in order to manage nonformal and informal education.
3. To develop knowledge and ability in managing and making use from various types of community resources for nonformal and informal education.

Course Description

Definitions, characteristics and types of community resources, making usage of community resources in educational management, survey and analysis of community resources, community resources planning and development of community resources for nonformal and informal education management, administration and coordination to make use of community resources, organizing public libraries, village book reading centers, fixed and mobile exhibitions, museums, art galleries, zoo, parks, botanical garden, science and technology parks, sports and recreation complex, educational park, academic resources and information center, local wisdom and technology, use of human resources for nonformal and informal education management i.e. experienced individuals, temple or religious and archaeological sites for nonformal and informal education management, use of business or commercial factory, current circumstance and problems in using community resources and knowledge management of community resources.

26404 Learning Principles and Training Techniques**(6 credits)*****Objectives***

1. To develop knowledge and insight into growth development, psychology of learning nature and needs, including building motivation for the out-of-school population.
2. To develop knowledge and ability in reading and writing instruction, vocational training, interest grouping for the out-of-school population.
3. To develop knowledge and ability in training management for organizations.
4. To develop knowledge and ability in being resource persons of different trainings for the out-of-school population.

Course Description

Growth development of the out-of-school population and learning development process, psychology of learning-teaching process, learning motivation, learning behavior for the out-of-school population, nature and needs of learning including specific problems, needs for information and counseling services for the out-of-school population, reading and writing institutional techniques for the out-of-school population, being resource person in training for the out-of-school population, short and long term vocational training for organizing interest groups, sub-group meetings, seminar management, group dynamics process, implementation of training projects and principles for public speaking.

26405 Distance Education**(6 credits)*****Objectives***

1. To develop knowledge and insight into philosophies, mission, and structure of open and distance education.
2. To develop knowledge and ability in planning, system, organization management, and distance education process development through the use of various media.
3. To develop knowledge and ability in development process, quality control and standard of distance education.

Course Description

Definitions and philosophies of open education and distance education, development of open education and distance education, mission of open education and distance education in national educational development, management of distance education, distance education teaching-learning processes, academic structure of distance education, development of distance education curriculum, production and development of distance education instructional media, distance education services, follow-up, management and evaluation of distance education, controlling distance education quality and standards, use of distance education in the Thai educational system, management of distance in other countries, current situation of distance education management, distance education information, distance education research, and future trends of distance education.

26406 Nonformal Educational Media Development and Application**(6 credits)*****Objectives***

1. To develop knowledge and insight into educational media, educational media management for nonformal and in-formal education
2. To develop knowledge and insight into importance and principles in application of media for nonformal and informal education.
3. To develop knowledge and ability in system management, design, production, improvement, use and development of different educational media for nonformal and informal education.

Course Description

Educational media system, nonformal and informal educational media management, nonformal and informal educational media design, use of mass media for nonformal and informal education, production, production and use of materials, production and use of audio visual, production and use of radio and television program, production and use of printed materials, production and use of local media, production and use of digital video disc, production and use of video, production and use of exhibition and display, production and use of computer, production and use of mixed media, production and use of training package for nonformal and informal education management, management for nonformal and informal education, production and use of media for the general public's knowledge management.

26407 Professional Experience in Nonformal Education**(6 credits)****Objectives**

1. To develop knowledge and insight into nonformal education management and techniques in local area.
2. To be able to run project administration, management, solve problems and systematically make division.
3. To promote and apply principles, methods of human relations and group dynamics including relations with community for work benefit.
4. To develop positive attitudes towards educational studies profession and community development.
5. To develop and promote morality and professional code of conduct.

Course Description

Practical application of principles and theories concerning general education and nonformal education through the organization of intensive and practical training in nonformal education units in order to develop the efficiency of nonformal education personnel in planning nonformal education activities to coincide with the target needs, techniques and processes in managing nonformal education activities, abilities in producing and using media, nonformal education innovations and technology, coordination among nonformal education agencies, development and use of community resources, different types of training methods and techniques for the target groups, case studies and simulation, group dynamics activities to nurture morality, ethics, and leadership awareness dedicated to community services.

27101 Equipment in Educational Technology and Communications**(6 credits)****Objectives**

1. To acquire knowledge and understanding of concepts regarding equipment in educational technology and communications.
2. To acquire knowledge and understanding of basic knowledge regarding instructional equipment and equipment in educational communication.
3. To obtain skills regarding application of equipment in educational technology and communication.
4. To acquire knowledge and understanding of concepts in application of communication, computer and electronics equipment in education.
5. To acquire knowledge and understanding of evaluation of equipment in educational technology and communications.
6. To acquire knowledge and understanding of 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, concepts of applying communication, computer and electronics equipments in education, assessment of equipment in educational technology and communications and trend of equipment in educational technology and communications.

27102 Instructional Technology**(6 credits)****Objectives**

1. To acquire knowledge and understanding of instructional technology, instructional system, communication process, academic behavior and instructional method.
2. To acquire knowledge and understanding of media design; audio visual, mass media, electronics and communication media.
3. To obtain skills in audio visual, mass media, electronics and communication media production.
4. To acquire knowledge and understanding of instructional management, environment setting and instructional evaluation.
5. To acquire knowledge and understanding of instructional technology research and both domestic and international instructional innovation.

Course Description

Concepts of instructional technology, instruction as system, instructional communication process, instructional behavior, instructional science, instructional methods, audio visual media for instruction, design of mass media for instruction, design of electronics and communication media for instruction, instructional management, instructional environment management, evaluation of instruction, research on instructional technology, instructional innovation in Thailand and other countries.

27103 Creative and Appropriate Educational Media**(6 credits)****Objectives**

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 regarding instructional package for learning with teacher, student fellow, self-study including learning package via audio visual, electronics media, learning source and local wisdom.
3. To acquire knowledge and understanding of application of creative and appropriate media for instruction and assessment of educational media.
4. To acquire knowledge and understanding of future vision of creative and appropriate educational media.

Course Description

Concepts 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)*****Objectives***

1. To acquire knowledge and understanding of application of radio and television technology in education.
2. To acquire knowledge and understanding of audio visual broadcasting in education.
3. To acquire knowledge and understanding of concepts regarding radio and television.
4. To acquire knowledge and skills in radio and television program production
5. To acquire knowledge and understanding of audio visual broadcasting in the context of education in the era of information and knowledge-based society.
6. To acquire knowledge and understanding of evaluation of broadcasting in education.
7. To acquire knowledge and understanding of study of problems and application of broadcasting in education.

Course Description

Concepts of broadcasting in education, audio visual broadcasting system, radio, radio program production, television program production in education, audio visual recording in education, cassette tape production, video production, audio visual broadcasting for education in globalization, educational broadcasting and learning society, test of efficiency, follow-up and evaluation of educational broadcasting, problems and trends in educational broadcasting.

27112 Administration of Educational Technology and Communication Center**(6 credits)*****Objectives***

1. To acquire knowledge and understanding of concepts regarding administration of educational technology and communication center covering production, media provision administration and provision of educational technology and communication services
2. To acquire knowledge and understanding of administration covering planning, organizational management, personnel management, facilitation, coordination, resources allocation, report, follow-up and evaluation of work achievement.
3. To acquire knowledge and understanding of individual case regarding educational technology and communication center.

Course Description

Concepts of administration of educational technology and communication center that included organizations involved in educational technology and communication, administration of educational technology and communication organization, management, marketing administration, production administration and provision of media, personnel administration, budget administration, educational network administration in educational technology and communication organization, evaluation and development of educational technology and communication organization, research and research trends in educational technology and communication organization, individual case of educational technology and communication organization.

27401 Instructional Media in Basic Education**(6 credits)*****Objectives***

1. To acquire knowledge and skills in production and application of instructional media in basic education.
2. To be able to manage instructional media system and test of media efficiency.

Course Description

Instructional media and children in early childhood, primary and secondary students, instructional media system, 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, test of media efficiency and trend of instructional media in basic education.

27402 Computer in Education

(6 credits)

Objectives

1. To acquire knowledge and understanding of concepts and computer system in education.
2. To acquire knowledge, understanding and skills in various productions and applications of computer for individual subject education.
3. To acquire knowledge and understanding of instructional evaluation via internet network.
4. To be able to analyze problem condition and trends in application of computer for education.

Course Description

Concepts regarding computer in education covering definitions and importance of computer in education, types and models of computer in education, roles of computer in education, computer system, instruction via network, production of computer assisted instruction and lessons via network, application of computer in education and lesson evaluation, problems condition, obstacles and trends in application of computer for education.

27416 Professional Experience in Educational Technology and Communications

(6 credits)

Objectives

1. To acquire knowledge and understanding of educational technology and communications as a high-level profession.
2. To acquire knowledge and experience from study visit and internship on educational technology and communications.
3. To gain practical skills in educational technology and communications.
4. To acquire understanding and attitudes toward educational technology and communications.

Course Description

Concepts regarding educational technology and communications as a high-level profession in terms of educational technology and communications professionals, system management for production and application of educational media, system management for educational media services, practical and intensive workshop on application of educational technology and communications media such as graphic, pictures, mixed media, audio visual, computer, electronics and telecommunication for education, study visit and internship on educational technology and communications, establishment of educational media center, public relations for educational technology and communications fair, development of ethics for educational technology and communications professionals.

Last updated: 10-March-2020