

COURSE DETAILS

Master's Degree

20505 Foundation of Teaching Profession

(6 credits)

Course Learning Outcomes

1. To acquire knowledge regarding philosophies, concepts, educational theories and educational context.
2. To acquire knowledge regarding fundamental psychology, developmental psychology to practically apply for learning management for learners.
3. To acquire knowledge regarding fundamental psychology, developmental psychology educational psychology to practically apply for learning management for learners.
4. To acquire knowledge regarding Thai and international educational management system, policies, educational development plan and quality assurance in education.
5. To be able to analyze the changes in technology, society, economy and environmental context affecting education to use in teaching and learning management.
6. To acquire knowledge and understanding of responsibility, workload, teacher's way of life, teacher profession and knowledge management regarding teaching profession.
7. To be able to use Thai and foreign language for communication appropriately and creatively to build teacher profession collaboration.
8. To enable usage of information technology for communication.

Course Description

Concepts, philosophies, educational theories, Sufficiency Economy philosophy concept, the context change, society, economy, technology and environment in both domestic and international context affecting education and learners in the present days and the future trends, tendency of Thai educational management, policies and educational development plan, principles, concepts, guidelines regarding educational quality management, quality assurance in education, fundamental psychology, developmental psychology, and educational psychology.

Importance of teaching profession, development of teaching profession, responsibility, roles, workload, teacher's way of life and teacher profession, and knowledge management on teaching profession.

Teacher competency on usage of Thai and foreign language for meaning communication to build teacher profession collaboration and the use of technology for communication.

20506 Curriculum Development and Instructional Media**(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge of definition, importance types of curriculums and curriculum development models.
2. To acquire knowledge of principles and concepts in curriculum development; curriculum design, the use of curriculum evaluation to promote curriculum improvement in School-based Curriculum, and Basic Education Core Curriculum.
3. To acquire knowledge of curriculum implementation and curriculum evaluation.
4. To analyze and design the curriculum according to statements of the problems and changes in societies.
5. To build up academic projects, student development activities, guidance and student assistance services.
6. To acquire knowledge of the use, the production and the development of digital media and educational technology.
7. To be able to use, produce and develop digital media and educational technology for teaching and learning management, for work including learning ability.
8. To acquire knowledge of the educational innovations creation and development to develop teaching and learning.
9. To be able to create and develop educational innovations to develop teaching and learning management according to educational levels and learning subjects effectively.

Course Description

The definition, importance, and types of curriculums, curriculum development model, principles and concepts of curriculum development, the curriculum analysis, the construction of learning objectives that meet requirements of the curriculum in accordance with the development of the learner's age and interests, including the curriculum design related to statement of the problems and changes, curriculum implementation, curriculum evaluation, the use of curriculum evaluation to promote curriculum improvement in School-based curriculum, Basic Education Core Curriculum, and special education curriculum, academic project development and learner development activities, general learner analysis and learners with special needs analysis, screening and providing guidance and support services for students appropriately including analyzing learner's background, interests, aptitudes, and problems to build relationships and plan for assistance, be able to use, produce, and develop digital media and educational technology for teaching and learning management and for work and to be media and digital literate in order to enhance learning ability and to promote digital literacy of learner, to be able to create and develop educational innovations to develop teaching and learning management according to educational levels and learning subjects effectively

20507 Learning Management Science**(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of learning psychology, learning theories, instructional theories, instructional systems, types of learning management, and learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development.
2. To acquire knowledge and understand the various selection of teaching models, teaching methods, and teaching techniques suitable for various situations.
3. To enable students to design learning patterns and make instructional plans emphasizing on student-centered approach that promote learners' skills in the 21st century.
4. To acquire necessary skills for managing learning activities.
5. To enable students to produce and employ instructional media and innovation to enhance learning that is suitable for the lessons.
6. To enable students to measure and evaluate learning outcomes and be able to employ the assessment results to develop their teaching.
7. To enable students to advise and assist students and manage classes.

Course Description

Instructional psychology, learning theories, teaching theories, instructional system, inclusive learning, well-versed in content and teaching methods, the selection of various teaching models, teaching methods, and teaching techniques that are suitable to local, social and cultural contexts, learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development, learning design and making instructional plans emphasizing on student-centered learning, skills necessary for the 21st century by organizing learning activities that enable learners to understand the subject content in depth by integrating context-based instruction with the use of various teaching strategies, suitability of teaching contents that promote higher order thinking skills, problem solving thinking and productive thinking, the creation of learners' innovation, the use of teaching strategies and instructional activities promoting learners' motivation and lifelong learning, the application and development of instructional media and innovation for learning, the development of learning centers in educational institutions, the implementation of instructional plans, learning management, measurement and evaluation of learning outcomes, the application of evaluation results to classify learners' learning levels and instructional development, students' supports and classroom management.

20508 Evaluation and Research for Instruction Development**(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of concepts and key principles of educational measurement and evaluation.
2. To enable students to construct and use measurement and evaluation instruments in knowledge, skills; and development process of learners according to educational level, learning area as well as desired characteristics.
3. To enable students to evaluate results from practical part, from real situation and from portfolio.
4. To enable students to make use of evaluation results for learning and further curriculum development.
5. To acquire knowledge and understanding of concepts and key principles of educational research.
6. To enable students to synthesize educational research work.
7. To enable students to make use of research results for instructional development.
8. To enable students to conduct a research for instructional development.
9. To enable students to analyze data in accordance with the research problems.
10. To enable students to apply research findings for instructional.

Course Description

Concepts, principles and methods of educational measurement and evaluation, construction and application of measurement and evaluation instruments in knowledge, skills and process and desired characteristics both individual and group, evaluation from practical part, real situation and from portfolio, assessment for learning, assessment as learning, data collecting, analyze data, assessment summary for judgment of learning outcomes and report of learning outcomes detailing deficiencies, application of evaluation results for curriculum improvement and development, instruction development, learning development of learners, notify the relevant parties and follow up to cooperate in the development of learners' learning periodically as well as program evaluation development and development of activities organized for learners, basic knowledge of teaching and learning research, formulating research problems, literature review, research design and research project writing, research instruments and data collection, descriptive statistics, parametric statistics, non-parametric statistics, classroom research and the use of research processes to solve problems, teaching and learning development and learners development.

20509 Teachership**(6 credits)*****Course Learning Outcomes***

1. To acquire knowledge and understanding of teachers' working conditions by cultivating the spirituality of teachers through teaching practice, characteristics, ethics, and professional standards of teachers, and laws relating to teachers and the teaching profession.
2. To acquire knowledge regarding the characteristics of good teachers, management, classroom management, human relations in an organization, has leadership skills in social skills, communication and corporate culture, knowledge management to be a guideline for teacher professional development.
3. To enable students to apply professional knowledge in their teaching practices regarding planning and problem-solving in teaching and learning management. Mastering contents, and issues relating to educational management.
4. To enable students to think systematically, think critically, synthesize, have the skills to search for knowledge, action planning, solving learners problems, being a person of learning, knowledgeable in subject matter and teaching strategies for learners to create new ways.
5. To enable students to apply management knowledge, human relations, teamwork in teaching and learning management.
6. To enable students to have teacher qualifications, awareness of morality and ethics, ethics of the teaching profession, good governance, honesty, public consciousness and sacrifice for society.
7. To be a role model teacher, a leader in academic and professional development, utilize leadership skills to drive change in learning management and professional development, and be emotionally mature in a reasonable and fair manner.
8. To build a professional learning community by using creative cooperation and respecting the diversity of cultures.

Course Description

Teachers' working conditions; cultivating the spirituality of teachers through teaching practice; building positive attitudes towards the profession; developing personality and characteristics of good teachers; being a role model teacher; possessing leadership skills; utilizing leadership skills to drive change in learning management and professional development; being emotionally mature in a reasonable and fair manner; having interpersonal skills, management skills, working skills and social skills; knowing the corporate culture, communication in an organization; strengthening awareness of morality, ethics, code of ethics of teaching profession, principles of good governance, honesty, public consciousness and sacrifice for society, professional standards of teachers, laws relating to teachers and the teaching profession; developing positive attitudes toward the teaching profession, systematic, critical and synthetic thinking, action planning, solving learners' problems, knowledge management in the teaching profession, skills for knowledge acquisition; being a learning person; mastering contents

and issues relating to learning management, academic leadership, and professional learning community; using creative cooperation and respecting the diversity of cultures; developing teaching profession, and applying knowledge in the teaching profession and administration to improve skills and learning management competencies to suit the society and learners.

20510 Learning Management in Early Childhood Education

(6 credits)

Course Learning Outcomes

1. To acquire knowledge and understanding of learning psychology, learning theories, instructional theories, instructional systems, types of learning management, and learning management that meets individual differences of early childhood learners.
2. To acquire knowledge and understand the various selection of teaching models, teaching methods, and teaching techniques suitable for various situations.
3. To enable students to design learning patterns and make instructional plans emphasizing on student-centered approach.
4. To acquire necessary skills for managing learning activities.
5. To enable students to produce and employ instructional media and innovation to enhance learning that is suitable for lessons.
6. To enable students to measure and evaluate learning outcomes and be able to employ the assessment results to develop teaching.
7. To enable students to advise and assist learners and manage classes appropriately.

Course Description

Instructional psychology, learning theories, teaching theories, instructional system, inclusive learning, well-versed in content and teaching methods, the selection of various teaching models, teaching methods, and teaching techniques that are suitable to social and cultural contexts, learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development, learning design and making instructional plans emphasizing on student-centered learning, skills necessary for organizing learning activities, the application and development of instructional media and innovation for learning, the development of learning centers in educational institutions, the implementation of instructional plans, measurement and evaluation of learning outcomes, the application of evaluation results to classify learners' learning levels and instructional development, learners' supports and classroom management.

20511 Learning Management in the Learning Area of Thai Language

(6 credits)

Course Learning Outcomes

1. To acquire knowledge and understanding of learning psychology, learning theories, instructional theories, instructional systems, types of learning management, and learning management that meets individual differences and age appropriate.
2. To acquire knowledge and understand the various selection of teaching models, teaching methods, and teaching techniques suitable for various situations and the nature of Thai.

3. To enable students to design learning patterns and make instructional plans emphasizing on student-centered approach that promote learners' skills in the 21st century.
4. To acquire necessary skills for managing Thai learning activities.
5. To enable students to produce and employ instructional media and innovation to enhance learning that is suitable for Thai lessons.
6. To enable students to measure and evaluate learning outcomes and be able to employ the assessment results to develop Thai teaching.
7. To enable students to advise and assist students and manage Thai classes appropriately.

Course Description

Instructional psychology, learning theories, teaching theories, instructional system, inclusive learning, well-versed in content and teaching methods, the selection of various teaching models, teaching methods, and teaching techniques that are suitable to various contexts and the nature of Thai, learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development, learning design and making instructional plans emphasizing on student-centered learning, skills necessary for the 21st century by organizing learning activities that enable learners to understand the subject content in depth by integrating context-based instruction with the use of various teaching strategies, suitability of teaching Thai contents that promote higher order thinking skills, the application and development of instructional media and innovation for learning Thai, the implementation of instructional plans, learning management, measurement and evaluation of Thai learning outcomes, the application of evaluation results for instructional development, students' supports and Thai classroom management.

20512 Learning Management Science in the Learning Area of Foreign Languages (English) (6 credits)

Course Learning Outcomes

1. To acquire knowledge and understanding of learning psychology, learning theories, instructional theories, instructional systems, types of learning management, and learning management that meets individual differences and age appropriate.
2. To acquire knowledge and understand the various selection of teaching models, teaching methods, and teaching techniques suitable for various situations and the nature of English.
3. To enable students to design learning patterns and make instructional plans emphasizing on student-centered approach that promote learners' skills in the 21st century.
4. To acquire necessary skills for managing English learning activities.
5. To enable students to produce and employ instructional media and innovation to enhance learning that is suitable for English lessons.
6. To enable students to measure and evaluate learning outcomes and be able to employ the assessment results to develop English teaching.
7. To enable students to advise and assist students and manage English classes appropriately

Course Description

Instructional psychology, learning theories, teaching theories, instructional system, inclusive learning, well-versed in content and teaching methods, the selection of various teaching models, teaching methods, and teaching techniques that are suitable to various contexts and the nature of English, learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development, learning design and making instructional plans emphasizing on student-centered learning, skills necessary for the 21st century by organizing learning activities that enable learners to understand the subject content in depth by integrating context-based instruction with the use of various teaching strategies, suitability of teaching English contents that promote higher order thinking skills, the application and development of instructional media and innovation for learning English, the implementation of instructional plans, learning management, measurement and evaluation of English learning outcomes, the application of evaluation results for instructional development, students' supports and English classroom management.

20513 Learning Management in the Learning Area of Social Studies, Religion and Culture

(6 credits)

Course Learning Outcomes

1. To acquire knowledge and understanding of learning psychology, learning theories, instructional theories, instructional systems, types of learning management, and learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development.
2. To acquire knowledge and understand the various selection of teaching models, teaching methods, and teaching techniques suitable for various situations and the nature of social studies.
3. To enable students to design learning patterns and make instructional plans emphasizing on student-centered approach that promote learners' skills in the 21st century.
4. To acquire necessary skills for managing learning activities in social studies.
5. To enable students to produce and employ instructional media and innovation to enhance learning that is suitable for the lessons.
6. To enable students to measure and evaluate learning outcomes and be able to employ the assessment results to develop their teaching in social studies.
7. To enable students to advise and assist students and manage classes

Course Description

Instructional psychology, learning theories, teaching theories, instructional system, inclusive learning, well-versed in content and teaching methods, the selection of various teaching models, teaching methods, and teaching techniques that are suitable to local, social, cultural contexts, and the nature of social studies, learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development, learning design and making instructional plans emphasizing on student-centered learning, skills necessary for the 21st century by organizing learning activities that enable learners to understand the subject content in depth by integrating context-based instruction with the use of various teaching strategies, suitability of teaching contents that promote higher order thinking skills, problem solving thinking and productive thinking, the creation of learners' innovation, the use of teaching strategies and instructional activities promoting learners' motivation and lifelong learning, the application and development of instructional media and innovation for learning, the development of learning centers in educational institutions, the implementation of instructional plans, learning management, measurement and evaluation of learning outcomes, the application of evaluation results to classify learners' learning levels and instructional development, students' supports and classroom management

20514 Learning Management in the Learning Area of Science

(6 credits)

Course Learning Outcomes

1. To acquire knowledge and understanding of learning psychology, learning theories, instructional theories, instructional systems, types of learning management, and learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development.
2. To acquire knowledge and understand the various selection of teaching models, teaching methods, and teaching techniques suitable for science learning situations.
3. To enable students to design learning patterns and make instructional plans emphasizing on student-centered approach that promote learners' skills in the 21st century.
4. To acquire necessary skills for managing science learning activities
5. To enable students to produce and employ instructional media and innovation to enhance learning that is suitable for the lessons.
6. To enable students to measure and evaluate learning outcomes and be able to employ the assessment results to develop their teaching.
7. To enable students to advise and assist students and manage classes.

Course Description

Instructional psychology, learning theories, teaching theories, instructional system, inclusive learning, well-versed in content and teaching methods, the selection of various teaching models, teaching methods, and teaching techniques that are suitable to local, social cultural contexts and nature of science, learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development, learning design and making instructional plans emphasizing on student-centered learning, skills necessary for the 21st century by organizing learning activities that enable learners to understand the science subject content in depth by integrating context-based instruction with the use of various teaching strategies, suitability of teaching contents that promote higher order thinking skills, problem solving thinking science process skills and productive thinking, the creation of learners' innovation, the use of teaching strategies and instructional activities promoting learners' motivation and lifelong learning, the application and development of instructional media and innovation for learning, the development of learning centers in educational institutions, the implementation of instructional plans, learning management, measurement and evaluation of learning outcomes, the application of evaluation results to classify learners' learning levels and instructional development, students' supports and classroom management

20515 Learning Management in the Learning Area of Mathematics (6 credits)

Course Learning Outcomes

1. To acquire knowledge and understanding of learning psychology, learning theories, instructional theories, instructional systems, types of learning management, learning management in response to individual difference of learners.
2. To acquire knowledge and understanding of teaching style selection, various teaching methods and techniques to suit the situation and nature of mathematics.
3. To enable students to design learning patterns and management plan for the learner centered learning and encouraging learners to develop skills in the 21st century.
4. To acquire skills necessary for organizing mathematics learning activities.
5. To enable students to produce, select and employ instructional media and innovation to enhance learning suitable with lessons.
6. To enable students to measure and evaluate learning outcomes with ability to make use of learning outcomes for further mathematics instructional development.
7. To enable students to provide learners with counseling services and classroom Management to enable students to give advices and helps to learners and manage the classroom.

Course Description

Instructional psychology, learning theories, teaching theories, instructional system, inclusive learning, diversity of learning, mathematics learning management in response to individual difference and appropriate with learners ages, mathematics learning design and planning management for the learner-centered learning and encouraging learners to develop mathematics skills, and skills in the 21st century, skills necessary for organizing learning activities, production and development of instructional media and innovation for learning promotion, instructional operation according to learning management plan, measurement and evaluation of learning outcomes, application of evaluation results to classify learners' learning level and instructional development, application of psychological knowledge and knowledge concerned to assist learners and classroom management.

20516 Learning Management in the Learning Area of Occupations (6 credits)

Course Learning Outcomes

1. To acquire knowledge and understanding of learning psychology, learning theories, instructional theories, instructional systems, types of learning management, and learning management to suit individual differences and age.
2. To acquire knowledge and understand the various selection of teaching models, teaching methods, and teaching techniques that are suitable for the situation and the nature of academic and professional careers.
3. To enable students to design learning patterns and make instructional plans emphasizing on student-centered approach that promote learners' skills in the 21st century.
4. To provide the necessary skills for organizing learning activities in the learning area of occupations.
5. To enable students to produce and employ instructional media and innovation to enhance learning that is suitable for occupational learning.
6. To enable students to measure and evaluate learning outcomes and be able to employ the assessment results to develop occupations teaching.
7. To enable students to advise and manage occupations classes appropriately.

Course Description

Instructional psychology, learning theories, teaching theories, instructional system, inclusive learning, well-versed in content and teaching methods, the selection of various teaching models, teaching methods, and teaching techniques that are suitable to various contexts and the nature of occupations, learning management that meets individual differences and age appropriate so that learners achieve the ultimate goal of individual learning and continuous self-development, learning design and making instructional plans emphasizing on student-centered learning, skills necessary for the 21st century by organizing learning activities that enable learners to understand the subject content in depth by integrating context-based instruction with the use of various teaching strategies, suitability of teaching occupations contents that promote higher order thinking skills, the application and development of instructional media and innovation for learning occupations, the implementation of instructional plans, learning management, measurement and evaluation of occupations learning

outcomes, the application of evaluation results for instructional development, students' supports and occupations classroom management.

20596 Teacher Profession Practicum

(6 credits)

Course Learning Outcomes

The purpose of professional experience training consists of the purpose of professional practice while studying, the purpose of teaching practice in educational institutions, and the purpose of the intensive seminar, teacher professional experience training.

Course Description

Professional experience training consists of professional practice while studying, School Teaching Practices 1, School Teaching Practices 2, and Teacher Experience Seminar, that all for enhance professional teaching.

20597 Graduate Diploma Professional Experience in

(6 credits)

Curriculum and Instruction

Course Learning Outcomes

1. To acquire knowledge and understanding of teacher's code of conduct, standard criteria for teacher profession and laws related to education;
2. To acquire knowledge and understanding of management of organization culture, internal communication in organization and knowledge management;
3. To enable students to apply teaching profession knowledge to actual practice in learning management;
4. To possess good personality with teacher characteristics, awareness of morality, ethics and behave according to teaching professional code of conducts;
5. To acquire ability in system thinking with analyzing, synthesizing thought, work planning and solutions to instructional management;
6. To enable students to apply management, administration, human relations, team work knowledge to instructional management;
7. To possess leadership, learning individual, academic leadership and teaching profession development.

Course Description

Application of teaching profession knowledge and management in developing skills and learning competency in accord with society and learners context, personality development and good teacher characteristics, human relations, administration management, team work, social skills, organization culture, internal communication, promotion of awareness in morality, ethics and teaching professional code of conduct, standard criteria of teacher profession, educational laws, development of good attitudes toward teacher profession, system thinking, analytical thinking, operation planning, solving learners' problems, learning management, skills in search of knowledge, leadership, knowledge management, learning individual, academic leadership and development of teacher profession.

Last updated: 21-July-2023