



Bachelor of Science Program in Occupational Therapy

Year 2016

Faculty of Associated Medical Sciences
Chiang Mai University
Thailand

Bachelor of Science Program in Occupational Therapy

Department of Occupational Therapy
Faculty of Associated Medical Sciences
Chiang Mai University
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A four-year program designed to produce occupational therapists. Graduates will be equipped with the necessary knowledge and skills to provide services to patients who have physical, developmental, emotional and social disabilities. Graduates will be able to support patients in overcoming their disabilities and becoming independent, productive citizens who are able to lead satisfying life styles. Fields of study includes the appropriate use of activities, treatment techniques and therapeutic devices as fundamental intervention tools in the promotion of holistic health in a social context.

Name of the curriculum : Bachelor of Science Program in Occupational Therapy

Name of Degree : (Full) Bachelor of Science (Occupational Therapy)

: (Abbr.) B.S. (Occupational Therapy)

Degree Requirements Total a minimum of 144 credits

Coursework	Credits
1. General Education	30
1.1 Language and Communication	12 Credits
ENGL 101 Fundamental English 1	3(3-0-6)
ENGL 102 Fundamental English 2	3(3-0-6)
ENGL 201 Critical Reading and Effective Writing	3(3-0-6)
ENGL 226 English in Health Sciences Context	3(3-0-6)
1.2 Humanities and Social Sciences	9
PSY 110 Psychology and Daily Life	3(3-0-6)
Select 2 courses from the followings:	
LS 103 Information Literacy and Information Presentation	3(3-0-6)
PHIL 257 Ethics	3(3-0-6)
RE 100 Mind Development for High Quality of Life	3(2-3-4)
HUGE 100 Usage of the Thai Language	3(3-0-6)
HUGE 106 Humanistic Arts	3(3-0-6)
EDPE 136 Sport, Health, Fitness and Wellness Development	3(1-6-0)
EDHL 101 Promoting of Health in Everyday Life	3(3-0-6)
DART 271 Music Appreciation	3(3-0-6)
FAGE 114 Art in Everyday Life	3(3-0-6)
LAGE 100 Law and Modern World	3(3-0-6)
ECON 100 Economics for Everyday Life	3(3-0-6)
1.3 Science and Mathematics	6
Select 1 course from the followings:	
SC 110 Integrated Mathematical Sciences	3(2-2-5)
CS 100 Information Technology and Modern Life	3(2-2-5)
MATH 100 Mathematics in Everyday Life	3(3-0-6)
STAT 101 Statistics for Everyday Life and Work	3(2-2-5)
Select 1 course from the remaining courses or the followings :	
CPE 111 Internet and Online Community	3(3-0-6)
PHPS 100 Herbs for Health and Beauty	3(3-0-6)
PHPC 130 Medications in Everyday Life	3(3-0-6)

AMS 100	Wellness	3(2-2-4)
1.4 Learning through Activities		3
IT 101	Learning through Activities 1	1(0-3-1)
IT 102	Learning through Activities 2	1(0-3-1)
	Select 1 course from the followings:	
EDPE 121	Football for Life and Exercise	1(1-0-2)
EDPE 122	Swimming for Life and Exercise	1(1-0-2)
EDPE 123	Volleyball for Life and Exercise	1(1-0-2)
EDPE 125	Rhythmic Activities for Life and Exercise	1(1-0-2)
EDPE 126	Basketball for Life and Exercise	1(1-0-2)
EDPE 127	Badminton for Life and Exercise	1(1-0-2)
EDPE 128	Tennis for Life and Exercise	1(1-0-2)
EDPE 129	Table Tennis for Life and Exercise	1(1-0-2)
2. Field of Spceialization		108
2.1 Core Courses		26
STAT 140	Elementary Statistics for Health Sciences	3(3-0-6)
ANAT 208	Anatomy of Upper and Lower Extremities and Vertebral Column	3(2-2-5)
ANAT 233	Basic Anatomy	3(2-2-5)
ANAT 234	Basic Neuroanatomy	3(2-2-5)
PSYC 202	Psychiatry for Occupational Therapy and Physical Therapy Students	2(2-0-4)
SURG 331	General Surgery for Occupational Therapy Students	1(1-0-2)
PHSO 232	Physiology for Physical Therapy Students and Occupational Therapy Students	5(4-3-8)
ORTH 331	Orthopaedics for Occupational Therapy Students	2(2-0-4)
REHM 310	Principle of Rehabilitation for Occupational Therapy Student	1(1-0-2)
REHM 313	Basic Principle of Prosthesis	2(2-0-4)
NGF 222	Principles of Nursing Care for Occupational Therapy and Physical Therapy Students	1(1-0-2)
2.2 Major		82
OT 111	Introduction to Occupational Therapy	1(1-0-2)
OT 113	Self Development Leading to Occupational Therapy Professional	3(2-2-4)
OT 114	Human Development and Occupational Performance Across	2(2-0-4)

	the Life Span	
OT 115	Principles of Occupational Therapy	2(2-0-4)
OT 212	Kinesiology and Applications	3(2-3-4)
OT 216	Human Neuroscience for Occupational Therapy Students	2(2-0-4)
OT 217	Impacts of Disease and Health Conditions on Human Occupations	2(2-0-4)
OT 223	Human Occupations and Occupational Therapy Media	3(2-3-4)
OT 224	Clinical Evaluation in Occupational Therapy 1	2(1-2-2)
OT 225	Clinical Evaluation in Occupational Therapy 2	3(2-3-4)
OT 283	Fundamental Occupational Therapy in Mental Health and Psychiatry	2(2-0-4)
OT 284	Occupational Therapy Evaluation and Treatment in Mental Health and Psychiatry	3(2-2-4)
OT 315	Applied Neuroscience and Human Occupations	2(2-0-4)
OT 324	Activities of Daily Living Training for People with Physical Dysfunction	3(2-3-4)
OT 328	Splinting and Orthoses	3(2-3-4)
OT 331	Research Methodology for Occupational Therapy Students	2(2-0-4)
OT 340	Occupational Therapy Fieldwork 1	1(0-4-0)
OT 343	Occupational Therapy Fieldwork 2	4(0-16-0)
OT 363	Occupational Therapy Theory and Principles in Physical Dysfunction	3(2-2-4)
OT 364	Occupational Therapy Intervention in Physical Dysfunction	3(2-2-4)
OT 371	Pediatric Occupational Therapy 1	3(3-0-6)
OT 373	Pediatric Occupational Therapy 2	4(3-3-6)
OT 390	Occupational Therapy for the Elderly	3(2-2-4)
OT 411	Occupational Therapy Administration and Ethics	2(2-0-4)
OT 412	Clinical and Professional Reasoning in Occupational Therapy	2(2-0-4)
OT 429	Occupational Therapy for Persons with Communication Disorder	1(1-0-2)
OT 432	Term Paper	2(0-6-3)
OT 433	Occupational Therapy Seminar	1(0-3-1)
OT 445	Occupational Therapy Fieldwork 3	6(0-24-0)
OT 446	Occupational Therapy Fieldwork 4	6(0-24-0)
OT 451	Occupational Therapy in Community Setting	2(1-3-2)

OT 471	School-Based Occupational Therapy	1(1-0-2)
2.3 Minor:	None	
3. Free Electives :	a minimum of	6

Recommened Study Program Leading to the B.S. (Occupational Therapy)

First Year

First Semester

<u>Coursecode</u>		<u>Credits</u>
001101	ENGL 101 Fundamental English 1	3(3-0-6)
013110	PSY 110 Psychology and Daily Life	3(3-0-6)
513111	OT 111 Introduction to Occupational Therapy	1(1-0-2)
513114	OT 114 Human Development and Occupational Performance Across the Life Span	2(2-0-4)
	Humanities and Social Sciences	3
	Science and Mathematics	3
	Learning through Activities	1
	Free Elective	3
	Total	19

Second Semester

<u>Coursecode</u>		<u>Credits</u>
001102	ENGL 102 Fundamental English 2	3(3-0-6)
208140	STAT 140 Elementary Statistics for Health Sciences	3(3-0-6)
513113	OT 113 Self Development Leading to Occupational Therapy Professional	3(2-2-4)
513115	OT 115 Principles of Occupational Therapy	2(2-0-4)
	Science and Mathematics	3
	Humanities and Social Sciences	3
	Free Elective	3
	Total	20

Second YearFirst Semester

<u>Coursecode</u>			<u>Credits</u>
001201	ENGL 201	Critical Reading and Effective Writing	3(3-0-6)
301233	ANAT 233	Basic Anatomy	3(2-2-5)
321232	PHSO 232	Physiology for Physical Therapy Students and Occupational Therapy Students	5(4-3-8)
305202	PSYC 202	Psychiatry for Occupational Therapy and Physical Therapy Students	2(2-0-4)
513223	OT 223	Human Occupations and Occupational Therapy Media	3(2-3-4)
513224	OT 224	Clinical Evaluation in Occupational Therapy 1	2(1-2-2)
513283	OT 283	Fundamental Occupational Therapy in Mental Health and Psychiatry	2(2-0-4)
552222	NGF 222	Principles of Nursing Care for Occupational Therapy and Physical Therapy Students	1(1-0-2)
Total			21

Second Semester

<u>Coursecode</u>			<u>Credits</u>
001226	ENGL 226	English in Health Sciences Context	3(3-0-6)
301208	ANAT 208	Anatomy of Upper and Lower Extremities and Vertebral Column	3(2-2-5)
301234	ANAT 234	Basic Neuroanatomy	3(2-2-5)
513212	OT 212	Kinesiology and Applications	3(2-3-4)
513216	OT 216	Human Neuroscience for Occupational Therapy Students	2(2-0-4)
513217	OT 217	Impacts of Disease and Health Conditions on Human Occupations	2(2-0-4)
513225	OT 225	Clinical Evaluation in Occupational Therapy 2	3(2-3-4)
513284	OT 284	Occupational Therapy Evaluation and Treatment in Mental Health and Psychiatry	3(2-2-4)
Total			22

Third YearFirst Semester

<u>Coursecode</u>			<u>Credits</u>
310331	SURG 331	General Durgery for Occupational Therapy Students	1(1-0-2)
323331	ORTH 331	Orthopaedics for Occupational Therapy Students	2(2-0-4)
328310	REHM 310	Principle of Rehabilitation for Occupational Therapy Student	1(1-0-2)
328313	REHM 313	Basic Principle of Prosthesis	2(2-0-4)
513315	OT 315	Applied Neuroscience and Human Occupations	2(2-0-4)
513324	OT 324	Activities of Daily Living Training for People with Physical Dysfunction	3(2-3-4)
513328	OT 328	Splinting and Orthoses	3(2-3-4)
513340	OT 340	Occupational Therapy Fieldwork 1	1(0-4-0)
513363	OT 363	Occupational Therapy Theory and Principles in Physical Dysfunction	3(2-2-4)
513371	OT 371	Pediatric Occupational Therapy 1	3(3-0-6)
Total			21

Second Semester

<u>Coursecode</u>			<u>Credits</u>
513331	OT 331	Research Methodology for Occupational Therapy Students	2(2-0-4)
513343	OT 343	Occupational Therapy Fieldwork 2	4(0-16-0)
513364	OT 364	Occupational Therapy Intervention in Physical Dysfunction	3(2-2-4)
513373	OT 373	Pediatric Occupational Therapy 2	4(3-3-6)
513390	OT 390	Occupational Therapy for the Elderly	3(2-2-4)
516101	IT 101	Learning through Activities 1	1(0-3-1)
Total			17

Fourth Year**First Semester**

<u>Coursecode</u>		<u>Credits</u>
513412	OT 412 Clinical and Professional Reasoning in Occupational Therapy	2(2-0-4)
513429	OT 429 Occupational Therapy for Persons with Communication Disorder	1(1-0-2)
513445	OT 445 Occupational Therapy Fieldwork 3	6(0-24-0)
513451	OT 451 Occupational Therapy in Community Setting	2(1-3-2)
513471	OT 471 School-Based Occupational Therapy	1(1-0-2)
Total		12

Second Semester

<u>Coursecode</u>		<u>Credits</u>
513411	(OT 411) (Occupational Therapy Administration and Ethics)	2(2-0-4)
513432	(OT 432) (Term Paper)	2(0-6-3)
513433	(OT 433) (Occupational Therapy Seminar)	1(0-3-1)
513446	(OT 446) (Occupational Therapy Fieldwork 4)	6(0-24-0)
516102	(IT 102) (Learning through Activities 2)	1(0-3-1)
Total		12

Course Description

ENGL 101	Fundamental English 1	3(3-0-6)
Prerequisite	None	
	Communication in English for everyday interactions. Basic listening, speaking, reading and writing skills in various social and cultural contexts for life-long learning	
ENGL 102	Fundamental English 2	3(3-0-6)
Prerequisite	ENGL 101 or Consent of the department	
	Communication in English for everyday interactions. More advanced listening, speaking, reading and writing skills in various social and cultural contexts for life-long learning	
ENGL 201	Critical Reading and Effective Writing	3(3-0-6)
Prerequisite	ENGL 102 or Consent of the department	
	English language skills for critical reading from different sources and media and effective writing on topics of students' interests.	
ENGL 226	English in Health Sciences Context	3(3-0-6)
Prerequisite	ENGL 102 or Consent of the department	
Recommend	for medical, pharmacy, dentistry, nursing, associated medical sciences and veterinary students	
	Specific language functions, components and skills for effective communication in health science contexts.	
LS 103	Information Literacy and Information Presentation	3(3-0-6)
Prerequisite	None	
	The definition and the importance of information and information literacy, information needs and information seeking, information sources and information services, information resources and organization, information searching, information evaluation, information presentation, citation and bibliography writing.	
PHIL 257	Ethics	3(3-0-6)
Prerequisite	None	
	Ethical concepts. Development of ethical theories. Ethical theories and problems. Moral problems in contemporary society	
RE 100	Mind Development for High Quality of Life	3(2-3-4)
Prerequisite	None	
	Concept of mind, the relationship between mind and body, mind and mental properties, principles and methods of mind cultivation in Buddhism and other religions, the practice of mind cultivation according to Buddhism.	

PSY 110 Psychology and Daily Life 3(3-0-6)

Prerequisite None

Psychology and daily life. Individual factors. Interpersonal factors. Social factors.

HUGE 100 Usage of the Thai Language 3(3-0-6)

Prerequisite None

A study of the usage of the Thai Language and practice in writing.

HUGE 106 Humanistic Arts 3(3-0-6)

Prerequisite None

The study of nature and the meaning of humanity to understand oneself and others; humanity in today's environment; the purpose of human life; paths to fulfillment through humanistic arts, factual knowledge and installation of values; living and working together peacefully and with a sense of social responsibility.

EDPE 121 Football for Life and Exercise 1(0-2-1)

Prerequisite None

The principles of exercise for health by playing Football. Warm up and cool down. Playing in each position and in different styles. Rules of playing Football. Analysis of Football matches and participation in competition at different levels. Benefits and etiquette for players and spectators.

EDPE122 Swimming for Life and Exercise 1(0-2-1)

Prerequisite None

The principles of exercise for health by Swimming. Warm up and cool down. Principles of breathing and movement under water. Using body physically to swim in each style. Helping others from dangers in swimming. Swimming for health and participation in competition at different levels. Benefits and etiquette for players and spectators.

EDPE 123 Volleyball for Life and Exercise 1(0-2-1)

Prerequisite None

The principles of exercise for health by playing Volleyball. Warm up and cool down. How to play in each position and how to use parts of body to play Volleyball. Rules for playing and scoring in Volleyball. Playing Volleyball in different styles. Analysis of Volleyball matches and participation in Volleyball competition at different levels. Benefits and etiquette for players and spectators.

EDPE 125 Rhythmic Activities for Life and Exercise 1(0-2-1)

Prerequisite None

The principles of exercise for health through Rhythmic Activity. Body movements in different styles. Body movements with rhythm and music. Folk dances and social dances. Social manners and social dances etiquette. Analysis of social dances types. Participating in and organizing social dance parties.

EDPE 126 Basketball for Life and Exercise 1(0-2-1)**Prerequisite** None

The principles of exercise for health by playing Basketball. Warm up and cool down. How to play in different positions, safety and regulations. Playing Basketball in different styles. Analysis of Basketball matches and participation in Basketball competition at different levels. Benefits and etiquette for players and spectators.

EDPE 127 Badminton for Life and Exercise 1(0-2-1)**Prerequisite** None

The principles of exercise for health by playing Badminton. Warm up and cool down. How to hold the racquet and body movements to hit the shuttlecock. Rules and scoring in Badminton. Playing Badminton in different styles. Analysis of Badminton matches and participation in Badminton competition at different levels. Benefits and etiquette for players and spectators.

EDPE 128 Tennis for Life and Exercise 1(0-2-1)**Prerequisite** None

The principles of exercise for health by playing Tennis. Warm up and cool down. How to hold the racquet and body movements to hit the tennis ball. Rules and scoring in Tennis. Playing Tennis in different styles. Analysis of Tennis matches and participation in Tennis competition at different levels. Benefits and etiquette for players and spectators.

EDPE 129 Table Tennis for Life and Exercise 1(0-2-1)**Prerequisite** None

The principles of exercise for health by playing Table Tennis. Warm up and cool down. How to hold the racket and body movements to play Table Tennis. Rules and scoring in Table Tennis. Playing Table Tennis in different styles. Analysis of Table Tennis matches and participation in Table Tennis competition at different levels. Benefits and etiquette for players and spectators.

EDPE 136 Sport, Health, Fitness and Wellness Development 3(3-0-6)**Prerequisite** None

Health, principle of sports. Select of sport activities exercise for health and everyday living. Practice of basic skill of sports and building physical fitness. Playing sport and exercise. Self care for health and wellness development

EDHL 101 Promoting of Health in Everyday Life 3(3-0-6)**Prerequisite** None

Health and importance of promoting of health. Promoting of personal and community health. Evaluation of personal and community health status.

DART 271 Music Appreciation 3(3-0-6)

Prerequisite None

Listening and appreciation of the masterpieces of Western and non-Western music; fundamental music elements; musical context: musical instruments; the world great composers and musicians; music aesthetics; musical forms and history of music.

FAGE 114 Art in Everyday Life 3(3-0-6)

Prerequisite None

Perception of definitions, meanings, styles, concepts, processes and special characteristics of different kinds of art; methods of art-analysis and art-criticism which can be applied for the benefits of everyday life.

LAGE 100 Law and Modern World 3(3-0-6)

Prerequisite None

Legal concepts. Legal Institutions. Law and its roles in society. Law and international societies. Law and local problems. Law and community rights. Roles of law in the rural and urban societies. Roles of law in the globalized era. Analyses of issues derived from case studies relating to law and modern world.

SC 110 Integrated Mathematical Sciences 3(2-2-5)

Prerequisite None

Computer in everyday life. Mathematics and statistics in various phenomena. Mathematics, statistics, and computer applications in academic. Problem solving process by using mathematics, statistics, and computer. This course is recommended for science-based students.

CS 100 Information Technology and Modern Life 3(2-2-5)

Prerequisite None

Computers in everyday life, Data processing and information management, Office automation software for modern life and Internet and webpage construction.

MATH 100 Mathematics in Everyday Life 3(3-0-6)

Prerequisite None

Problem solving and critical thinking, set and its applications in everyday life, logic and its applications in everyday life, numbers and calculation, real number system and its applications in everyday life, consumer mathematics and financial management, measurement in everyday life, and mathematics and civilization.

STAT 101 Statistics for Everyday Life and Work 3(2-2-5)

Prerequisite None

Statistics in everyday and professional life in the present and future world, Reasoning process in problem solving for sustained development, Explaining causes and outcomes of

phenomena with statistics, Explaining stochastic phenomena with probability, Probability and statistics, Fundamental statistical methodologies, reliability of conclusions, and the use of statistical packages and Utilization of conclusions from statistical methodologies.

STAT 140 Elementary Statistics for Health Sciences 3(3-0-6)

Prerequisite None

Statistical methodology, descriptive statistics, inferential statistics, categorical analysis, correlation analysis, analysis of variance and elementary biostatistics for epidemiology.

CPE 111 Internet and Online Community 3(3-0-6)

Prerequisite None

Introduction to Internet and social networking, Emerging trends in technology, Efficient utilization of search engine, Online services and cloud computing, Impact of Internet and social networking in daily life, e-Commerce and advertising in Internet and social networking, Online social ethics and morals, Social aspects of Internet and online community, Legal aspects of Internet and online community, Security and privacy on Internet and social networking, Future trends of Internet and social networking.

ANAT 208 Anatomy of Upper and Lower Extremities and Vertebral Column 3(2-2-5)

Prerequisite consent of the department, for occupational therapy and physical therapy students

Human gross anatomy, gross anatomy of upper extremities, lower extremities, back and trunk. Application of anatomical knowledge to explain disorder structures.

ANAT 233 Basic Anatomy 3(2-2-5)

Prerequisite None

Basic knowledge of human anatomy with systemic approach for students of physical therapy, occupational therapy, and radiologic technology.

ANAT 234 Basic Neuroanatomy 3(2-2-5)

Prerequisite ANAT 233

Basic plan of organization of the nervous system, distinguishing anatomical characteristics of the subdivisions of the brain and spinal cord, and important functional pathways in the nervous system.

PSYC 202 Psychiatry for Occupational Therapy and Physical Therapy Students 2(2-0-4)

Prerequisite None

An orientation towards the understanding of personality, its development and function in mental health and psychopathology, Introduction to psychiatric disorders with emphasize on the etiology, symptomatology, management, and treatment of mental illness, The emotional problems of physically handicapped and the role of the occupational therapist in psychiatric team are also emphasized.

- SURG 331 General Surgery for Occupational Therapy Students 1(1-0-2)**
Prerequisite ANAT 233
 Basic principles of surgery. Human body response during surgery. Principles of pre- and post - operative care. Rehabilitation of post - operative patients.
- PHSO 232 Physiology for Physical Therapy Students and Occupational
 Therapy Students 5(4-3-8)**
Prerequisite second year physical therapy and occupational therapy students
 The functions of the body systems and regulatory mechanisms of organ functions in normal and abnormal conditions.
- ORTH 331 Orthopaedics for Occupational Therapy Students 2(2-0-4)**
Prerequisite ANAT 233
 History, essential terminologies and basic principles of orthopaedics and management of common conditions including congenital anomalies, injuries to diseases of the hand, upper and lower extremities, spinal cord and peripheral nervous system, common conditions in children, sports injuries, arthritis and metabolic bone diseases.
- RHEM 310 Principle of Rehabilitation for Occupational Therapy Student 1(1-0-2)**
Prerequisite Third year occupational therapy students
 The history, definition, philosophy and principles of medical, social, educational and vocational rehabilitation. Roles of multidisciplinary team approach including rehabilitation and referral system, community based rehabilitation and the disabled's act/law.
- RHEM 313 Basic Principle of Prosthesis 2(2-0-4)**
Prerequisite ANAT 208
 The history and principles of prosthesis, etiology and factors involved in upper and lower extremity amputations, Types and levels of amputations, pre and postoperative management, materials, the components and types of prosthesis, including the prosthetic checkout, training and maintenance programs are main focuses.
- PHPS 100 Herbs for Health and Beauty 3(3-0-6)**
Prerequisite None
 Herbs for health promotion, those used to treat common diseases, indigenous vegetables including some toxic plants. Medicinal plants, both in fresh and dry forms and their various products. Their uses as drugs, food and cosmetics, emphasizing daily usage for proper and safe use.
- PHPC 130 Medications in Everyday Life 3(3-0-6)**
Prerequisite None
 Introduction to the basic knowledge for medication uses including types of medication, precautions, adverse drug reactions, toxicity, as well as herbal medicines and food supplement products, for the safety of self-care medications and health promotion.

AMS 100 Wellness 3(2-3-4)

Prerequisite None

Involving the wellness and health status in physical, emotional, social, intellectual and spiritual wellness including principle of good health in holistic both knowledge and merit, following by diet, nutrition, exercise, fitness, wellness and health status laboratory monitoring, stress management and ethic.

IT 101 Learning through Activities1 1(0-3-1)

Prerequisite None

The students participate in the activities during the academic year for improving their quality of life in the University. All activities will promote conscience, awareness of human value, and personality development. In addition, these activities will enable the understanding of team work, social cooperation, public contribution, morality, and ethical standards that can be applied for their physical and mental wellness. The students will also be responsible for oneself and public. All activities will be assigned under the supervision of the advisors and/or joint supervision with the government or the private organization.

IT 102 Learning through Activities2 1(0-3-1)

Prerequisite None

The students participate in the activities during the academic year for improving their quality of life in the University. All activities will promote conscience, awareness of human value, and personality development. In addition, these activities will enable the understanding of team work, social cooperation, public contribution, morality, and ethical standards that can be applied for their physical and mental wellness. The students will also be responsible for oneself and public. All activities will be assigned under the supervision of the advisors and/or joint supervision with the government or the private organization.

NGF 222 Principles of Nursing Care for Occupational Therapy and Physical Therapy Students 1(1-0-2)

Prerequisite None

Rec For OT and PT Students

A course for occupational therapy students with knowledge of selected nursing procedures and principles. Observation of vital signs is to be included.

ECON 100 Economics for Everyday Life 3(3-0-6)

Prerequisite None

Basic economic concepts and application for everyday life concerning production, consumption, markets, national income, public finance, money and banking, inflation and deflation, employment, international trade and finance, and economic development and environment.

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 111 (513111) Introduction to Occupational Therapy

1(1-0-2)

Abbre. : INTRO TO OCC THER

Please state clearly if this course has Lecture Laboratory Practicum Cooperative Edu

Course Evaluation : A-F S/U P

In this case of selected topic credit(s) can be counted for graduation on every enrollment

credit(s) can be counted for graduation only once

Prerequisite None

Course Description

Description of occupational therapy in term of meaning, history and professional philosophy and history. The meaning and value of occupation associated with health and well-being are included. It also gives roles of occupational therapists in different settings as well as in related with other professionals such as physiatrists, physical therapists, speech therapists, social workers and others, and professional organizations both national and international levels. The course presents the professional experiences, work condition as well trends in occupational therapy.

Course Objectives : Students are able to

1. explain definition, history and professional philosophy of occupational therapy.
2. explain the relationship between occupational therapy and health and well-being.
3. explain occupational therapists' roles in different settings and in different client groups.
4. explain current practices and trends in occupational therapy.

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. Definition and professional philosophy of occupational therapy	2
2. History of occupational therapy	1
3. Occupational therapy and health and well-being	1
4. Roles of occupational therapists in different settings	6
5. Occupational therapy and related professionals	1
6. Professional organizations	1
7. Professional experiences in Thailand and worldwide	2
8. Current practices and trends in occupational therapy	<u>1</u>
Total	<u>15</u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 113 (513113)

Self Development Leading to Occupational Therapy

3(2-2-4)

Professional

Abbre: SELF DEV TO OT PROF

Please state clearly if this course has Lecture Laboratory Practicum Cooperative Education

Course Evaluation :

 A-F S/U P

In this case of selected topic

 credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : None

Course Description :

Self development to be a professionally occupational therapist, self awareness, self awareness in concerning to the others, society and life skills.

Course Objectives: Students are able to

1. define importance of self development to be a professional.
2. explain principles and demonstrate professional personality of occupational therapist.
3. explain principles and demonstrate self awareness and self awareness in concerning to the others and society.
4. analyze self development and life skills.

	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
<u>Course Contents</u>		
1. Importance of self development to be a professional	2	2
2. Self awareness	2	2
3. Understanding others and society	2	2
4. Self development	2	2
5. Professional personality of occupational therapist	2	2
5.1 Definition and basic concepts of personality theory		
5.2 Personality development		
6. Major characteristic for self development		
6.1 Morality and ethics	2	2
6.2 Emotional intelligence	2	2
6.3 Interpersonal relationships	2	2
6.4 Communication skills	2	2
6.5 Thinking skills	2	2
6.6 Time management	2	2
6.7 Team work	2	2
6.8 Leadership development	2	2
7. Life skills	4	4
Total	30	30

Department of Occupational Therapy

Faculty of Association Medical Sciences

OT 114 (513114) Human Development and Occupational Performance

2(2-0-4)

Across the Life Span

Abbre. : HUMAN DEV & OCC PERF

Please state clearly if this course has Lecture Lab Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic Count the accumulated credits for graduation all times
 Count the accumulated credits for graduation only once

Prerequisite: None

Course Description:

Concepts, theories and principles of human development and influence of related factors, definition and significance of human occupations and development throughout the life span including infancy, childhood, adolescence, adulthood, and elderly. Areas of human development especially motor, sensory, perception, cognition, and language and emotional and social development which lead and relate to human occupational performance in basic and instrumental activity of daily living, education, work or productivity, play, leisure, and social participation.

Course Objectives: Students are able to

1. explain concepts, theories and principles of human development.
2. explain factors that influence human development.
3. explain definition and significance of human occupations.
4. explain the relationship of human development and occupational performance of individuals with all ages.
5. explain human development throughout the life span.
6. explain occupational performance in each age range: infancy, childhood, adolescence, adulthood, and elderly.

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. Introduction to development and human occupational performance	
1.1 Definition, significance and areas of human development (including motor, sensory, perception, cognition and language as well as emotional and social development)	2
1.2 Definition, significance and aspects of human occupations (for example:- basic and instrumental activity of daily living, education, work and productivity, play, leisure, and social participation)	2
1.3 Concepts, theories and principles of human development and influence of related factors	2
1.4 Relationship of human development and occupational performance	2
2. Development and occupational performance in infancy	4
3. Development and occupational performance in preschool age	6
4. Development and occupational performance in school age	4
5. Development and occupational performance in adolescence	4

6. Development and occupational performance in adulthood	2
7. Development and occupational performance in elderly	<u>2</u>
Total	<u>30</u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 115 (513115) Principles of Occupational Therapy

2(2-0-4)

Abbr. : PRINCIPLES OF OT

Please state clearly if this course has Lecture Lab Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic Count the accumulated credits for graduation all times Count the accumulated credits for graduation only once

Prerequisite : OT 111 (513111)

Course Description

Theories, models and frameworks in occupational therapy; occupational therapy process, occupational therapy terminology.

Course Objectives : Students are able to

1. explain theories, models and frameworks that are used as practice framework in occupational therapy
2. define occupational therapy terminology
3. identify occupational therapy process

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. Basic knowledge on theories in occupational therapy - occupational therapy paradigm shifts - definitions of theory, model, frame of reference and approach - the relationships of practice framework, frame of reference and clinical practice	2
2. Practice framework	20
2.1 Medical models (e.g., biomechanic, motor control, sensory integration, cognitive perceptual, cognitive disability, cognitive-behavioral, etc.)	8
2.2 Occupational-based models and frames of references)e.g., Model of Human Occupation, Canadian Model of Occupational Performance, Ecological Models of Occupational Therapy, Occupational Adaptation, etc.)	8
2.3 Contemporary concepts of occupational therapy practice (e.g., client-centered approach, evidence-based practice, occupation-based practice, etc.)	4
3. Glossary of terms used in occupational therapy practice (e.g., occupational Performance Profile: OPP, Domain and Process, and its applications, etc.)	2
4. Occupational therapy process - Referral and assessment - Goal setting and treatment planning - Occupational therapy intervention - Documenting occupational therapy practice, follow-ups, re-evaluation, discharge planning - Occupational therapy outcome measures	6
Total	30

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT212 (513212) Kinesiology and Applications

3(2-3-4)

Please state clearly if this course has Lecture Lab PracticumCourse Evaluation A-F S/U PIn the case of selected topic credit(s) can be counted for graduating on every enrollment credit(s) can be counted for graduating only once

Prerequisite: ANAT 233 (301233)

Course Description

Movement science in terms of biomechanics, anatomy and physiology concerning human movement, instruments used in kinesiology and factors influencing movement efficiency in order to understand normal and abnormal movement, analysis of muscular and articular functions, posture and applied kinesiology are examined. Applications of kinesiology principles in solving the performance problems and preventing injuries.

Course Objectives: Students are able to

1. explain basic principles of biomechanics, anatomy and physiology concerning human movement, instruments and factors influencing efficiency of movement.
2. analyze postures and movements in term of muscular and articular function.
3. apply kinesiology principles to performance problems and injury prevention.

Course contents**No. of hours****Lecture Laboratory**

1. Basic principles of biomechanics	6	9
2. Instruments used in kinesiology	1	3
3. Anatomy and physiology of human movement	6	9
4. Factors influencing movement efficiency	3	3
5. Normal and abnormal postures	2	3
6. Normal and abnormal gaits	2	3
7. Movement of upper extremities	2	3
8. Motor skills and motor learning	2	3
9. Movement analysis	2	3
10. Normal postures during activities	2	3
11. Application of kinesiology principles in solving performance problems and preventing injuries	2	3
Total	30	45

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 216 (513216)

Human Neuroscience for Occupational Therapy Students

2(2-0-4)

Abbre. : HUMAN NEUROSCI FOR OTS

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EduCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : None

Course Description

This course includes the neuroanatomical, neurophysiological, and neurobiological aspects of nervous system related to the human behaviors. It also includes basic principles of medical diagnosis and neurological investigation as well as the neurological diseases and neurological conditions and medical treatment.

Course Objectives : Students are able to

1. explain relation between nervous system and human behaviors.
2. explain basic principles of neurological diagnosis and investigations.
3. explain etiology and medical intervention for neurological conditions.

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. Relation between nervous system and human behaviors	10
1.1 Sensory system	2
1.2 Motor system	2
1.3 Peripheral nervous system	2
1.4 Hypothalamus and autonomic nervous system	2
1.5 Cortical region and limbic system	2
2. Neuroplasticity	4
3. Basic principles of neurological diagnosis and investigations	2
4. Neurological diseases and medical treatment	14
4.1 Muscle disorders	2
4.2 Neuromuscular junction disorders and demyelinating disorders	2
4.3 Degenerative disorders	2
4.4 Peripheral nerve disorders	2
4.5 Central nervous system infection	2
4.6 Cerebro-vascular disease	2
4.7 Spinal cord diseases and injuries	2
Total	30

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 217 (513217) Impacts of Diseases and Health Conditions on Human

2(2-0-4)

Occupations

Abbre. : IMPACT OF HEALTH ON OCC

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 114 (513114)

Course Description

Common diseases and conditions in occupational therapy, impacts of the diseases and conditions on physical and mental aspects, occupation and participation of clients, caregivers and community.

Course Objectives : Students are able to

1. explain definition of disability and health related domain (according to ICF and etc.).
2. explain sequences of physical and mental changes from common diseases and conditions.
3. explain impacts of common diseases and conditions on human occupation and participation.
4. explain roles of occupational therapists and occupational therapy intervention for clients, their families and community that got impacts from common diseases and conditions.

Course Contents	<u>No. of Lecture Hours</u>
1. Definition of disability and health-related domain (according to ICF or etc. and disability related law e.g. The Rehabilitation of Disabled Persons Act)	4
2. Sequences of physical changes from common diseases and conditions in occupational therapy	16
- Developmental disorders	2
- Neurological disorders	2
- Musculoskeletal disorders	2
- Degenerative disorders	2
- Mental disorders	2
- Orthopedic conditions	2
- Other conditions related to behavioral and learning problems	2
- Cerebral palsy, Autistic spectrum disorder, Attention Deficit Hyperactivity Disorder, Learning disability, Intellectual disability, Visual and auditory disorders	2
3. Impacts of common diseases and conditions on mental aspects, human occupation and participation	2
4. Impacts of common diseases and conditions on caregivers and community	2
5. Roles of occupational therapists, occupational therapy intervention for clients, caregivers, and community and case study	<u>6</u>
Total	<u>30</u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 223 (513223) Human Occupations and Occupational Therapy Media

3(2-3-4)

Abbr. : HUMAN OCC & OT MEDIA

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EduCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 114 (513114)

Course Description :

Principles, components, benefits and practical guidelines of human occupation in occupational therapy including activity analysis, synthesis, gradation and applications and integration of occupational therapy media.

Course Objectives: Students are able to

1. explain principles of analysis and synthesis in human occupations.
2. explain components of activity analysis and synthesis.
3. explain the methods of gradation and applications of human occupation.
4. analyze and synthesize an activity used in occupational therapy practice.
5. integrate occupational therapy media to clients' conditions.

<u>Course Contents</u>	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
1. Principles of analysis and synthesis in human occupations	1	-
2. Components of activity analysis and synthesis	2	3
3. Principles and guidelines of gradation and application of human occupation	1	3
4. Analysis and synthesis in various human occupations (classified by performance areas)	16	24
- Activities of daily living	6	9
- Play and leisure activities	4	6
- Work and productive activities	6	9
5. Integration of occupational therapy media	10	15
- Therapeutic use of self		
- Educational process		
- Environmental adaptation		
- Advocacy		
	30	45

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 224 (513224) Clinical Evaluation in Occupational Therapy 1

2(1-2-2)

Abbre: CLIN EVAL OT I

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EduCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 115 (513115)

Course Description :

Theory and basic knowledge of evaluation. Occupational therapy clinical evaluations: roles and occupations, contexts, social skills and social participation

Course Students are able to

Objectives:

1. explain theory and basic knowledge of evaluation
2. explain occupational therapy clinical evaluations: roles and occupations, contexts, social skills and social participation

	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
1. Theory and basic knowledge of evaluation	2	-
1.1 Definition and significance of evaluation		
1.2 Types of evaluation		
1.3 Evaluation approaches and methods		
.2 Roles and occupations evaluation	8	20
2.1 Activities of daily living evaluation		
2.1.1 basic activities of daily living		
2.1.2 instrumental activities of daily living		
2.2 Work: Pre-vocational evaluation		
2.3 Play evaluation		
2.4 Educational preparation evaluation		
2.5 Roles evaluation		
2.6 Leisure evaluation		
.3 Context evaluation	3	6
3.1 Home evaluation		
3.2 Community, workplace and environmental evaluation		
.4 Social skills and social participation evaluation	2	4
Total	15	30

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 225 (513225)

Clinical Evaluation in Occupational Therapy 2

3((4-3-2

Abbre: CLIN EVAL OT II

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT (513224) 224

Course Description :

Techniques and methods in occupational therapy clinical evaluations: interview, clinical observation, group-behavioured evaluation, and client factors evaluation related to occupational therapy.

Course Students are able to

Objectives:

1. explain techniques and methods in occupational therapy clinical evaluations: interview, observation, and group-behavioured evaluation.
2. explain techniques and methods in client factors evaluation related to occupational therapy
3. perform occupational therapy evaluation techniques

	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
<u>Course Contents</u>		
1. Techniques and methods in occupational therapy evaluations	4	6
1.1 interview		
1.2 clinical observation		
1.3 group-behavioured		
.2 Client factors evaluation	26	39
2.1 reflex testing	4	6
2.2 basic developmental screening	2	3
2.3 sensory assessment	2	3
2.4 perceptual assessment	2	3
2.5 cognitive assessment	2	3
2.6 range of motion assessment	2	3
2.7 muscle tone and muscle strength assessment	6	9
2.8 coordination and balance assessment	2	3
2.9 hand function evaluation	4	6
Total	30	45

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 283 (513283) Fundamental Occupational Therapy in Mental Health and Psychiatry 2(2-0-4)

Abbr. : FUNDAMENTAL OT IN MH & PSYCH

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment
 credit(s) can be counted for graduation only once

Prerequisite : OT 115 (513115)

Course Description

Definitions and scopes of mental health, mental health risk and mental disorders, including their impacts on occupational performance. The trends of mental health care services in Thailand and roles of mental health professional team. The application of models, frames of reference and approaches used in occupational therapy for mental health and psychiatry both in institution and in community. Occupational therapy case recording.

Course Objectives : Students are able to

1. explain definitions and scopes of mental health, mental health risk, mental disorders and their impacts on occupational performance.
2. explain mental health care service trends and roles of mental health professionals.
3. explain and apply models, frames of reference and approaches used in occupational therapy for mental health and psychiatry
4. explain guidelines for case recording in occupational therapy

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. Definitions and scopes of mental health, mental health risk and mental disorders	2
2. Psychotropic medications and their side-effect on occupational performance across life span	2
3. Impacts of mental health problems on occupational performance across life span	2
4. Mental health care service trends in Thailand and roles of mental health professionals	2
5. Mental Health Act and other related Act, including the influence on mental health care service	2
6. Application of models, frames of reference and approaches used in occupational therapy in mental health and psychiatry	
6.1 Psychoanalytic frames of reference and attachment theory	2
6.2 Occupation-based models	4
6.3 Cognitive-behavioral and cognitive disability frames of reference	2
6.4 Multi-sensory approach	2
6.5 Cognitive rehabilitation approach	2

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
6.6 Recovery model, social inclusion approach and social model of disability	2
7. Principles of mental health promotion and community mental health practices	2
8. Integration of models, frame of reference and approaches to occupational case study	2
9. Occupational therapy case recording	2
	<hr/>
	30
	<hr/> <hr/>

Department of Occupational Therapy Faculty of Associated Medical Sciences
OT 284 (513284) Occupational Therapy Evaluation and Treatment in Mental Health and Psychiatry 3(2-2-4)

Abbre: OT EVAL & TX IN MH & PSYCH

Please state clearly if this course has Lecture Laboratory Practicum Cooperative Education
Course Evaluation : A-F S/U P

In this case of selected topic credit(s) can be counted for graduation on every enrollment
 credit(s) can be counted for graduation only once

Prerequisite : OT 283 (513283) and PSYC 202 (305202)

Course Description :

Occupational therapy evaluation and treatment techniques used for persons with mental health and psychiatric problems.

Course Objectives: Students are able to

1. explain principles and techniques of occupational therapy evaluation for persons with mental health and psychiatric problems.
2. apply principles and techniques of occupational therapy treatments for persons with mental health and psychiatric problems.

<u>Course Contents</u>	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
1. Occupational therapy evaluation techniques and assessment tools for persons with mental health and psychiatric problems		
- Occupational performance	2	2
- Basic cognitive skills	2	2
- Multisensory profile	2	2
- Social skills and social participation	2	2
- Prevocational skills	2	2
2. Occupational therapy treatment modality and techniques for persons with mental health and psychiatric problems		
- Responding to clients' symptoms and behaviors	2	2
- Groups and group techniques	2	2
- Individual and group consultation	2	2
- Time management	2	2
- Activities of daily living and leisure skill training	2	2
- Cognitive rehabilitation	2	2
- Social skills training	2	2
- Prevocational training	2	2
- Relaxation techniques and meditation	2	2
- Multisensory approach	2	2
Total	30	30

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 315 (513315) Applied Neuroscience and Human Occupations

2(2-0-4)

Abbre. : APPL NEUROSCI & HUMAN OCC

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : ANAT 234 (301234) and OT 216 (513216)

Course Description

Relationships between nervous system and occupational performance in term of motor abilities, sensation, cognition, perception, emotion, learning and behaviors.

Course Objectives : Students are able to

1. explain relationship between the nervous system and occupational performance.
2. explain correspondence between human occupational performance and functions of the nervous system.
3. explain the effects of nervous system dysfunction on human occupational performance and applications to occupational therapy.

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. The relationship between the nervous system and human occupations	4
2. The correspondence between human occupational performance and function of the sensory system	3
3. Effects on human occupations resulted by dysfunction of the sensory system and applications to occupational therapy	2
4. The correspondence between human occupational performance and function of the motor system	3
5. Effects on human occupations resulted by dysfunction of the motor system and applications to occupational therapy	2
6. The correspondence between human occupational performance and function of the autonomic nervous system as well as its effects on human occupations and applications to occupational therapy	3
7. The correspondence between human occupational performance and function of the perceptual and cognitive system	3
8. Effects on human occupations resulted by dysfunction of the perceptual and cognitive system and applications to occupational therapy	2
9. The correspondence between human occupational performance and function of the emotional system	3
10. Effects on human occupations resulted by dysfunction of the emotion system and applications to occupational therapy	2
11. Common case studies in occupational therapy	3
Total	30

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 324 (513324) Activities of Daily Living Training for People with Physical
Dysfunction

3(2-3-4)

Abbre: ADL TRAINING FOR PHYS DYSFUNC

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment
 credit(s) can be counted for graduation only once

Prerequisite : ANAT 208 (301208) and OT 212 (513212)

Course Description :

Scope, principles and methods in activities of daily living training for the persons with physical dysfunction are introduced. Construction and adaptation of aids for doing activities of daily living. Home and environmental modification for persons with physical dysfunction to achieve maximum independence in activities of daily living according to their potency and also the barriers or problems for performing activities of daily living for people with physical dysfunction.

Course Objectives: Students are able to

1. explain the definition, scope and the role of occupational therapist related to the activities of daily living.
2. explain principles and training techniques of activities of daily living for people with physical dysfunction.
3. analyzed the barriers or problems for performing activities of daily living for people with physical dysfunction.
4. explain, exhibit and choose the proper method of activities of daily living training for persons with each type of physical dysfunction.
5. explain principles and recommend about proper basic assistive devices and accessibility for persons with physical dysfunction.
6. construct and adapt basic assistive devices and accessibility aids for doing in activities of daily living.
7. explain principles and recommend about proper home and environmental modification for persons with physical dysfunction.

<u>Course Contents</u>	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
1. Definition and scope of the activities of daily living and the role of occupational therapist in the activities of daily living	2	3
2. Principles and techniques of training in activities of daily living for persons with physical dysfunction	2	3
3. Modality techniques and methods in the activities of daily living training for persons with physical dysfunction:		
3.1 Basic activities of daily living	16	24
3.1.1 Feeding and eating	2	3

<u>Course Contents</u>	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
3.1.2 Dressing	2	3
3.1.3 Bathing and showering	2	3
3.1.4 Sphincter control and toilet hygiene /toileting	2	3
3.1.5 Personal hygiene and grooming	2	3
3.1.6 Functional mobility and locomotion	4	6
- Self mobility		
- Crutch, cane and wheelchair		
3.1.7 Rest and sexuality	2	3
3.2 Instrumental activities of daily living	4	6
3.2.1 Meal preparation and clean up		
3.2.2 Home management (cleaning, maintenance and clothing care)		
3.2.3 Communication device use		
3.2.4 Financial management and shopping		
3.2.5 Community mobility		
3.2.6 Health management and maintenance and care of others		
4. Assistive devices/ adaptive devices and accessibility aids for persons with physical dysfunction	4	6
5. Home and environmental modification for persons with physical dysfunction	<u>2</u>	<u>3</u>
Total	<u>30</u>	<u>45</u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 328 (513328)

Splinting and Orthoses

3(2-3-4)

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : ANAT 208 (301208) and OT 212 (513212)

Course Description :

This course focuses on anatomical and biomechanical principles of splinting and orthoses, splint materials, fabrications, designs, analysis, their applications and complications of inappropriate splinting and orthoses.

Course Objectives: Students are able to

1. explain anatomical and biomechanical principles of splinting and orthoses.
2. explain properties of materials and fabrications for splints and orthoses.
3. design, make and check out splints and orthoses.
4. analyze and identify complications of inappropriate splinting and orthoses.

<u>Course Contents</u>	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
1. Anatomical and biomechanical principles of splints and orthoses	2	3
2. Properties of material and fabrications for splints and orthoses	2	3
3. Finger splints	2	3
4. Hand and wrist splints	6	9
5. Dynamic splints	4	6
6. Elbow splints	2	3
7. Shoulder sling	2	3
8. Pressure garment of the various body parts	6	9
9. Spinal and lower extremity orthoses	2	3
10. Application, analysis and check out of splints and pressure garment	2	3
Total	30	45

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 331 (513331) Research Methodology for Occupational Therapy Students 2(2-0-4)

Abbre. : RESEARCH METHOD FOR OTS

Please state clearly if this course has Lecture Laboratory Practicum Cooperative Education

Course Evaluation : A-F S/U P

In this case of selected topic credit(s) can be counted for graduation on every enrollment

credit(s) can be counted for graduation only once

Prerequisite : STAT 140 (208140) or consent of the department

Course Description :

The significance of research and the range of occupational therapy research: basic knowledge in conducting research, including generating research questions, design and methods, research design, data analysis, statistic analysis, writing a research report, research presentation and publication. This course also includes how to write an occupational therapy research proposal.

Course objectives : Students are able to

1. explain the significance of research and the range of occupational therapy research.
2. explain basic knowledge in conducting research.
3. express understanding of how to write a research proposal, and report as well as how to present the research finding and publication.

Course Contents		No. of Lect. hours
1.	Introduction to occupational therapy research	2
	1.1 the meaning and significance of research	
	1.2 the range of occupational therapy research	
2.	Basic knowledge of quantitative research	
	2.1 formulating the research problems, objectives, and hypothesis	2
	2.2 searching the literature	2
	2.3 research methodology	
	2.3.1 population and sampling: sample size and sample selection	2
	2.3.2 research instruments and data collection: methods for measurement, psychometric study, collecting quantitative data	4
	2.3.3 data analysis and data presentation: statistic analysis, data analysis using a statistic package, data interpretation and presentation	4
3.	Basic knowledge of qualitative research	
	3.1 overview of qualitative research	2
	3.2 generating the research problems, objectives, and questions	2
	3.3 literature review	1
	3.4 research methodology	4
	3.4.1 gathering qualitative data	
	3.4.2 managing and analyzing qualitative data	
4.	Writing a research proposal	2

	Course Contents	No. of Lect. hours
5.	Writing a research report	1
6.	Research presentation and publication	<u>1</u>
7.	Research ethics and good research practice	<u>1</u>
	Total	<u>30</u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 340(513340)

Occupational Therapy Fieldwork 1

1(0-4-0)

Abbr. : OT Fieldwork I

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 225 (513225)

Course Description

Observe the process of occupational therapy services in a variety of clinical settings under close supervision of fieldwork supervisors. Portfolio that reflects the student's experiences gained from the clinical observation and presents to the fieldwork supervisors.

Course Objectives : Students are able to

1. explain the process of occupational therapy services in the clinical settings from clinical observation
2. reflect the experiences gained from the clinical observation through reflective journal

<u>Course Contents</u>	<u>No. of Practicum Hours</u>
1. Observation guideline for occupational therapy processes and services and reflective journals	4
.2 Observe the process of occupational therapy services in the clinical settings for	40
2.1 persons with physical dysfunction	
2.2 Pediatrics	
2.3 the elderly	
2.4 persons with mental disorders	
3. Presentation	16
3.1 persons with physical dysfunction	
3.2 Pediatrics	
3.3 the elderly	
3.4 persons with mental disorders	
Total	<u>60</u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 343 (513343)

Occupational Therapy Fieldwork 2

4(0-16-0)

Abbre: OT FIELDWORK 2

Please state clearly if this course has Lecture Laboratory Practicum Cooperative
Education

Course Evaluation : A-F S/U P

In this case of selected topic credit(s) can be counted for graduation on every enrollment

credit(s) can be counted for graduation only once

Prerequisite : OT 324 (513324) and OT 328 (513328) and OT 340 (513340)

Course Description

Clinical practice in clients through occupational therapy process: therapeutic rapport, client's information gathering, occupational therapy evaluation, problem and ability identification, goal formulation, occupational therapy treatment and report, including the activity analysis and synthesis under close supervision of fieldwork supervisor.

Course Objectives : Students are able to

1. establish rapport with the client.
2. gather client's information from various sources.
3. select appropriate evaluation methods for particular client.
4. identify client's problems accurately and analyze the complications.
5. formulate appropriate short- and long-term goals for each client's ability, problems and needs.
6. select and implement effective treatment strategies including the emergency situation.
7. analyze and synthesize therapeutic activities to suit client' problem and needs.

Course Contents	No. of Practicum Hours
Students clinically practice in clients under close supervision of fieldwork supervisor through occupational therapy process: therapeutic rapport, client's information gathering, occupational therapy evaluation, problem and ability identification, goal formulation, occupational therapy treatment and report, including the activity analysis and synthesis in diverse population such as:	240
- physical dysfunction	
- pediatrics	
- geriatrics	
- mental health problems	
Total	<u>240</u>

Department of Occupational Therapy Faculty of Associated Medical Sciences
 OT363 (513363) Occupational Therapy Theory and Principles in Physical (4-2-2)3
 Dysfunction

Abbre: OT THEORY & PRIN IN PHYS DYSFUNC

Please state clearly if this course has Lecture Laboratory Practicum Cooperative Education

Course Evaluation : A-F S/U P

In this case of selected topic credit(s) can be counted for graduation on every enrollment
 credit(s) can be counted for graduation only once

Prerequisite : OT225 (513225)

Course Description :

The course content is about the application of occupational therapy frames of reference for persons with physical dysfunction and occupational therapy theories and principles including biomechanical, neurodevelopmental, motor control and rehabilitation. Theories and principles of occupational therapy intervention for persons with sensory and cognitive-perceptual impairments are also included.

Course Objectives: Students are able to

1. explain occupational therapy frames of reference for intervention for persons with physical dysfunction.
2. explain biomechanical, neurodevelopmental, motor control and rehabilitation approach for occupational therapy intervention in persons with physical dysfunction
3. explain theory and principle for intervention for persons with sensory impairments
4. explain theory and principle for occupational therapy intervention for persons with cognitive-perceptual impairments

<u>Course Contents</u>	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
1. Frames of reference and application for persons with physical dysfunction	2	2
2. Theory and principle for sensory impairment intervention	2	2
3. Biomechanical theory and principle	4	4
4. Neurodevelopmental theory and principle	10	10
5. Theory and principle of motor control	2	2
6. Rehabilitation theory and principle	2	2
7. Theory and principle for cognitive-perceptual impairment intervention	6	6
8. Applications of theory and principle in case studies	2	2
Total	30	30

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 364 (513364) OCCUPATIONAL THERAPY INTERVENTION IN PHYSICAL

3(2-2-4)

DYSFUNCTION

Abbre: OT INTERV IN PHYS DYS

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 363 (513363)

Course Description :

This course describes occupational therapy intervention in conditions commonly found in persons with physical dysfunction such as upper extremity and hand injury, spinal cord injury, brain injury, degenerative diseases, burns, fractures, joint diseases, occupational accumulative trauma disorders, cardiopulmonary diseases, and dysphagia.

Course Objectives: Students are able to explain occupational therapy intervention in physical dysfunction

<u>Course Contents</u>	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
1. Upper extremity and hand injury	6	6
2. Spinal cord injury	4	4
3. Brain injury	6	6
4. Degenerative diseases	2	2
5. Burns	1	1
6. Fractures	2	2
7. Joint diseases and occupational cumulative trauma disorders	3	3
8. Cardiopulmonary diseases	2	2
9. Dysphagia	4	4
Total	30	30

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 371 (513371) Pediatric Occupational Therapy 1

3(3-0-6)

Abbr. : PED OT I

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 225 (513225)

Course Description

Pediatric conditions in occupational therapy, including causes, sign and symptoms, medical diagnosis, and treatment. Occupational Therapy principles and specific assessments in pediatric conditions, including standard and non-standard assessments.

Course Objectives : Students are able to

1. explain pediatric conditions in occupational therapy, including causes, sign and symptoms, medical diagnosis, and treatment
2. explain occupational therapy principles and specific assessments in pediatric conditions, including standard and non-standard assessments

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. pediatric conditions in occupational therapy	24
1.1 Pervasive developmental disorders – PDDs	3
1.2 Emotional and behavioral disorders	3
1.3 Learning disability	3
1.4 Intellectual disability, delay developmental disorder, and genetic disorder	3
1.5 Neurological conditions	3
1.6 Muscular dystrophy	3
1.7 Visual disability	3
1.8 Hearing disability	3
.2 Occupational therapy assessments	18
2.1 Standardized tests	
- Developmental Test of Visual Perception-2nd Ed (DTVP-II)	3
- Motor-Free Visual Perception Test-Revised (MVPT-R)	3
- Vineland Adaptive Behavior Scales	3
- Miller Assessment for Preschoolers (MAP)	3
- Beery-Buktenica Developmental Test of Visual-Motor Integration (VMI)	3
- Dynamic Occupational Therapy Cognitive Assessment – children (DOTCA-ch)	3
2.2 Non-Standardized Tests	3
- Visual Perception	

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
- Clinical Observation	
- Checklist	
- Developmental Milestone	
	45

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT373 (513373)

Pediatric Occupational Therapy 2

4(6-3-3)

Abbre: PED OT II

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 371 (513371)

Course Description :

Pediatric occupational therapy course is designed for teaching theories and intervention techniques using in pediatric occupational therapy for children or clients who have difficulties in their occupational performance. This course is also aimed to teach students about pediatric occupational therapy interventions and services for clients in different conditions in accordance with the process of clinical reasoning in selecting specified and relevant assessment tools and methods of evaluation, implementing therapy program and measuring therapy outcomes.

Course Objectives: Students are able to

1. explain theories and intervention techniques using in pediatric occupational therapy and the applications to clients with different diagnosis in occupational therapy practice
2. plan and give pediatric occupational therapy interventions and services for clients in different conditions including the process of clinical reasoning in selecting specified and relevant assessment tools and methods of evaluation, implementing therapy program and measuring therapy outcomes.

	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
<u>Course Contents</u>		
1. Occupational therapy interventions for children	30	30
- Neuro-developmental techniques	6	6
- Sensory Integration	6	6
-Cognition and Perception	6	6
- Hand skills	3	3
- Postural control & Mobility	3	3
- Feeding intervention	3	3
- Psychosocial and emotional disorders	3	3
2. Pediatric occupational therapy interventions and services for children with autistic spectrum disorders and children with attention deficit hyperactive disorders, children with psychosocial dysfunction	3	3
- Choosing and administrating the specified and relevant assessment tools and methods of evaluation		
- Implementing therapy program		
- Measuring therapy outcomes		

<u>Course Contents</u>	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
3. Pediatric occupational therapy interventions and services for children with learning disability - Choosing and administrating the specified and relevant assessment tools and methods of evaluation - Implementing therapy program - Measuring therapy outcomes	3	3
4. Pediatric occupational therapy interventions and services for children with intellectual disability and children with developmental delays - Choosing and administrating the specified and relevant assessment tools and methods of evaluation - Implementing therapy program - Measuring therapy outcomes	3	3
5. Pediatric occupational therapy interventions and services for children with cerebral palsy - Choosing and administrating the specified and relevant assessment tools and methods of evaluation - Implementing therapy program - Measuring therapy outcomes	3	3
6. Pediatric occupational therapy interventions and services for children with visual impairment and children with auditory impairment - Choosing and administrating the specified and relevant assessment tools and methods of evaluation - Implementing therapy program - Measuring therapy outcomes	3	3
Total	45	45

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 390 (513390)

Occupational Therapy for the Elderly

3 (2-2-4)

Abbre: OT FOR THE ELDERLY

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 340 (513340)

Course Description :

Aging process and framework theory about senility, current situations of Thai older people, culture diversity and creating the interaction in the elderly, assessment in the elderly, theory and frames of reference for occupational therapy elderly service, common diseases and problems found in elderly. Occupational therapy interventions and practice settings for the elderly focusing health promotion, successful aging and hospice care of the terminal illness.

Course Objectives: Students are able to

1. explain aging process and framework theory about senility
2. explain current situation, government policy, public welfare, right and interest issues of Thai older people
3. explain culture diversity and creating the interaction in the elderly
4. apply occupational therapy theory and frames of reference for working with the elderly
5. explain assessment in the elderly
6. explain common diseases and problems found in the elderly
7. explain occupational therapy intervention for the elderly
8. describe occupational therapy practice setting for the elderly
9. explain health promotion from occupational therapy perspectives for the elderly
10. explain the successful aging
11. explain occupational therapy intervention in hospice care

	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
<u>Course Contents</u>		
1. Aging process and concept and theory of the elderly	2	2
2. Current situation, government policy, public welfare services and interest issues of Thai older people	2	2
3. Culture and creating the interaction in the elderly	2	2
4. Application the theoretical consideration and frames of reference	4	4
5. Assessment for the elderly	2	2
6. Common diseases/problems and occupational therapy intervention	4	4
7. Treatment techniques of occupational therapy in the elderly	2	2
-Reminiscence		
- Reality orientation		

<u>Course Contents</u>	<u>No. of Hours</u>	
	<u>Lecture</u>	<u>Laboratory</u>
- Group activities		
8. Occupational therapy practice setting for the elderly	2	2
9. Health promotion in the elderly		
- Fall prevention and environment modification	2	2
- Community mobility	2	2
- Retirement planning and Lifestyle redesign	2	2
10. Successful aging	2	2
11. Occupational therapy intervention in hospice care	2	2
Total	30	30

Department of Occupational Therapy

Faculty of Association Medical Sciences

OT 411 (513411) Occupational Therapy Administration and Ethics

2(2-0-4)

Abbre. : OT ADMIN & ETHICS

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 343 (513343)

Course Description

The basic principles of management and administration, the health care system, management of occupational therapy units, public health law, ethics and professional standards of occupational therapists.

Course Objectives : Students are able to

1. explain basic principles of management and administration.
2. investigate, analyze, present and discuss about management and administrations in occupational therapy settings.
3. explain professional standards, responsibilities, ethics and laws.
4. discuss and aware of the importance of professional association.

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. Importance of management and administration	1
2. Basic principles of management and administration	
2.1 Current concepts of management	2
2.2 Organizing objectives, goals and planning	1
- Objective and goal	
- Planning	
2.3 Organization management	1
- Chain of command	
- Authority and responsibility	
- Delegation	
2.4 Personnel administration	1
- Manpower planning and recruitment	
- Personnel development	
- Evaluation	
2.5 Directing and communication	1
2.6 Leadership	1
2.7 Coordinating and controlling	1
2.8 Inventory management and budgeting	1
2.9 Filing system and secretarial duties	1
2.10 Improvement of executive management	1
3. Organization and management of occupational therapy units	6

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
4. Laws related to occupational therapy practices (including public health laws, Elderly Act and Disability Act)	5
5. Patient rights	1
6. Professional Ethics	2
7. Professional standards	2
8. Roles and significance of occupational therapy organization	<u>2</u>
Total	<u>30</u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 412 (513412)

Clinical and Professional Reasoning in Occupational

2(2-0-4)

Therapy

Abbre: CLIN & PROF REASONING IN OT

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 343 (513343) or concurrence

Course Description :

This course provides the definitions, importance, historical perspectives, theories, and aspects of clinical reasoning in occupational therapy. It also describes the development of clinical reasoning expertise and application of its knowledge in different types of occupational therapy setting.

Course Objectives: Students are able to

1. explain definitions, significances, historical perspective, and theories of clinical and professional reasoning in occupational therapy.
2. explain aspects of clinical and professional reasoning in occupational therapy.
3. explain development of clinical and professional reasoning expertise.
4. explain application of clinical and professional reasoning knowledge in different types of occupational therapy setting.

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. Clinical reasoning in occupational therapy: definitions and significances	2
2. Clinical reasoning in occupational therapy: historical perspectives and theories	4
3. Aspects of clinical and professional reasoning in occupational therapy such as conditioning, scientific, narrative, pragmatic, ethical, etc.	12
— Scientific reasoning	2
— Narrative reasoning	2
— Interactive reasoning	2
— Ethical reasoning	2
— Conditional reasoning	2
— Pragmatic reasoning	2
4. The development of clinical and professional reasoning expertise	4
5. The application of clinical and professional reasoning knowledge in different types of occupational therapy setting	<u>8</u>
Total	<u>30</u>

Department of Occupational Therapy

Faculty of Association Medical Sciences

OT 429 (513429) Occupational Therapy for Persons with Communication Disorder 1(1-0-2)

Abbre. : OT FOR COMMUNICAT DISORDER

Please state clearly if this course has Lecture Laboratory Practicum Cooperative Education

Course Evaluation : A-F S/U P

In this case of selected topic credit(s) can be counted for graduation on every enrollment

credit(s) can be counted for graduation only once

Prerequisite : ANAT 234 (301234)

Course Description

The principles and process of communication, anatomy and physiology of speech organs, factors influencing communication problems and disorders, the impacts of communication disorders on human occupational performance and roles of occupational therapists including typical case studies and guidelines for occupational therapy intervention.

Course Objectives : Students are able to

1. explain the process of communication and factors influencing on communication.
2. explain the problems and communication disorders including their impact on occupational performance.
3. explain roles of occupational therapists for persons with communication problems and communication disorders.

<u>Course Contents</u>	<u>No. of Lecture Hours</u>
1. Principles and process of communication	1
2. Anatomy and physiology of speech organs	2
3. Factors influencing communication problems and communication disorders	1
4. Communication problems and disorders	1
5. The impacts of communication disorders on human occupational performance	2
6. Roles of occupational Therapists in communication disorders	1
7. Typical case studies and guidelines of occupational therapy intervention	7
Total	<u>15</u>

Department of Occupational Therapy

Faculty of Association Medical Sciences

OT 432 (513432) Term Paper

2(0-6-3)

Please state clearly if this course has Lecture Laboratory Practicum Cooperative Education

Course Evaluation :

 A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite: OT 331 (513331)

Course Description

A student will be responsible for conducting occupational therapy research under supervision.

Course Objectives: Students are able to

1. conduct good research practice within timeframe.
2. present research.
3. establish positive research attitudes.

Course Contents**Number of Practicum Hours**

- Students develop a research proposal under the supervision of research advisor 90
- Students themselves conduct a research including ethical approval, research instrument preparation, data collection, data analysis and writing a research report
- Students present a research report to the term paper committee

Total**90**

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT433 (513433) Occupational Therapy Seminar

1 (0-3-1)

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT445 (513445)

Course Description

Seminar related to occupational therapy by searching from various resources and conducting through the process of analysis, synthesis and critic under supervision.

Course Objective : Students are able to

1. search interesting occupational therapy literature or research articles in English and/or Thai from various resources
2. analyze, synthesize and critique the gathering information
3. produce and use appropriate media for presentation
4. discuss and share academic knowledge

Course Contents**No. of Laboratory Hours**

.1 Course orientation and seminar guidelines	3
.2 Occupational therapy seminar	42
	<hr/>
Total	45
	<hr/> <hr/>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 445 (513445)

Occupational Therapy Fieldwork 3

6(0-24-0)

Abbre: OT FIELDWORK 3

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT 343 (513343)

Course Description

Clinical practice in clients under the supervision of the fieldwork supervisor through occupational therapy process: occupational therapy evaluation, problem and ability identification, goal formulation, treatment planning and implementation including participation in ward round and rehabilitation team conference. Evidence-based practice for applying in clinical practice is encouraged.

Course Objective : Students are able to

1. evaluate, identify, and formulate appropriate therapeutic goals.
2. plan treatment based on basic knowledge, occupational therapy principles, techniques and methods.
3. implement treatment as planned.
4. re-evaluate and assess outcome and adjust the plan if necessary.
5. document the assessment results, treatment and progress.
6. participate in ward round and rehabilitation team conference.
7. implement evidence-based practice and apply in clinical practice.

Course Contents	No. of
Practicum Hours	
- Students clinically practice in clients with physical dysfunction, pediatrics, the elderly, and mental disorders through occupational therapy process: occupational therapy evaluation, problem and ability identification, goal formulation, treatment planning and implementation	360
- students participate in ward round and rehabilitation team conference	
- students implement evidence-based practice and apply in clinical practice	
Total	<u>360</u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT446 (513446)

Occupational Therapy Fieldwork 4

6 (0-24-0)

Abbr. : OT FIELDWORK IV

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite : OT445 (513445)

Course Description

A field work practice where a student takes the role of an occupational therapist focusing on providing occupational therapy services in clients with physical dysfunction, pediatrics, the elderly, and mental disorders, both in institutions and community and administering an occupational therapy unit under the consultation with clinical instructor.

Course Objective : Students are able to

take the role of an occupational therapist as service provider and administrator.

<u>Course Contents</u>	<u>No. of Practicum Hours</u>
Students clinically practice in clients with physical dysfunction, pediatrics, the elderly, and mental disorders under the consultation with clinical instructor	350
Total	<u><u>350</u></u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 451 (513451)

Occupational Therapy in Community Setting

2(1-3-2)

Abbre : OT IN COMMUNITY SETTING

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite: OT 343 (513343)

Course Description

History and characteristics of occupational therapy in community setting. Laws, policy and organizations related to community health service system, transitional process of occupational therapy treatment from hospital to home and community. Roles of community occupational therapists. Approaches and tools for community study. Approaches and techniques for work with community through project-based learning. Writing project proposal and processing project in community, and evaluation of project in community.

Course Objectives: Students are able to

1. explain history and characteristics of occupational therapy in community setting.
2. explain laws, policy and organizations related to community health service system.
3. explain transitional process of occupational therapy treatment from hospital to home and community.
4. explain roles of community occupational therapists.
5. write project proposal and process project in community as well as evaluate project in community.

Course contents**No. of Lecture Hours**

1. History and characteristics of occupational therapy in community setting	1
2. Laws, policy and organizations related to community health service system	2
3. Transitional process of occupational therapy treatment from hospital to home and community	1
4. Roles of community occupational therapists	1
5. Approaches and tools for community study	4
6. Approaches and techniques for work with community	3
7. Writing project proposal and processing project in community	2
8. Evaluation of project in community	<u>1</u>
<u>Total</u>	<u>15</u>

Course contents	No. of Laboratory Hours
1. History and characteristics of occupational therapy in community setting	3
2. Approaches and tools for community study	15
3. Approaches and techniques for work with community	12
4. Writing project proposal and processing project in community	12
5. Evaluation of project in community	<u>3</u>
<u>Total</u>	<u>45</u>

Department of Occupational Therapy

Faculty of Associated Medical Sciences

OT 471 (513471) School-Based Occupational Therapy

1(1-0-2)

Please state clearly if this course has Lecture Laboratory Practicum Cooperative EducationCourse Evaluation : A-F S/U PIn this case of selected topic credit(s) can be counted for graduation on every enrollment credit(s) can be counted for graduation only once

Prerequisite: OT 373 (513373)

Course Description

Development of occupational therapy practices in school settings, occupational therapists' roles and responsibilities in school settings, occupational therapy services in school settings and technological aids for academic skills of children with special needs.

Course Objectives: Students are able to

1. explain history of the occupational therapy in school settings.
2. explain occupational therapists' roles and responsibilities in school settings.
3. explain occupational therapy services in school settings.
4. explain technological aids for academic skills of children with special needs in school settings.

Course contents**No. of Lecture Hours**

1. School settings and history of occupational therapy in school settings	1
2. Occupational therapists' roles and responsibilities in school settings	4
3. Occupational therapy services in school settings	2
4. Technological aids for academic skills of children with special needs	3
5. Case studies: children with special needs in school settings	<u>5</u>
Total	<u>15</u>