

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

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|-----------------------------------|-----------------------------------|
| Course name | Psychiatry & Behavioral disorders |
| Course number | MDCN5622 |
| Faculty | |
| Department | |
| Course type | Major Needs |
| Course level | 5 |
| Credit hours (theoretical) | 6 |
| Credit hours (practical) | 0 |
| Course Prerequisites | |

Course Objectives

- 1 - Engage with a patient and establish and maintain rapport including demonstrating the use of cognitive empathy, respect, sensitivity to the developmental level of the patient, cultural awareness, recognition of the social determinants of health, and seeking to understand the conceptual context of the illness.
- 2 - Conduct a psychiatric diagnostic workup in an organized prioritized manner. This should include: acquiring and organizing the psychiatric history; performing the Mental Status Examination; assessing pertinent features of the physical exam; developing a differential diagnosis; determining need for further diagnostic studies; developing an initial plan of care (including discharge planning from the time of admission); and, documenting this in a written report.
- 3 - Describe and employ DSM-5 criteria for the diagnosis of patients in the context of complex clinical presentations while taking into account the clinical history, life stressors, challenging psychosocial situations, and patient personality variables
- 4 - Explain the range of psychiatric interventional therapeutics for various treatment options: psychopharmacologic agents, electroconvulsive therapies, psychotherapies (including fundamentals of psychodynamic, behavioral and cognitive approaches) and psychosocial interventions.
- 5 - Identify psychiatric emergencies in the clinical setting and describe appropriate interventions for same.

Intended Learning Outcomes

Knowledge and Understanding

- * Understanding Psychiatric Disorders: Acquire knowledge of various psychiatric disorders, including their etiology, clinical presentations, diagnostic criteria, and natural course.
- * Neurobiology of Mental Illness: Understand the neurobiological basis of psychiatric disorders, including the role of neurotransmitters, genetics, and brain circuitry in the development and manifestation of mental illnesses.
- * Psychopathology: Develop a comprehensive understanding of the symptoms, signs, and psychopathological features of different psychiatric disorders, such as mood disorders, anxiety disorders, psychotic disorders, personality disorders, and substance use disorders.
- * Diagnostic Skills: Learn the skills necessary to conduct psychiatric interviews, gather relevant clinical information, and make accurate psychiatric diagnoses based on standardized diagnostic criteria, such as the DSM-5 (Diagnostic and Statistical Manual of Mental Disorders).
- * Treatment Modalities: Gain knowledge of various treatment modalities available for psychiatric disorders, including psychopharmacology, psychotherapy approaches (such as cognitive-behavioral therapy), electroconvulsive therapy (ECT), and other somatic treatments.
- * Psychiatric Emergencies: Understand the assessment and management of psychiatric emergencies, such as suicidal behavior, acute psychosis, mania, severe anxiety, and aggression.

Intellectual Skills

- * Perform mental status assessments and psychiatric evaluations while caring for patients who exhibit symptoms of a psychiatric disorder
- * Hypothesize the relationship between selected medical conditions and psychiatric symptoms
- * Write the results of a comprehensive psychiatric history and evaluation in an accurate, organized and systematic manner
- * Orally present psychiatric findings in a clear and effective manner to patients, family members, and appropriate medical personnel
- * Design a treatment plan that demonstrates: 1) familiarity with the biological, psychological and social aspects of treatment planning, and 2) awareness of the patient, family and community resources
- * Summarize the indications, basic mechanisms of action, common side effects and important drug interactions of each class of commonly used psychotropic medication

Professional Skills

- * Demonstrate communication consistent with professional, ethical, practice when working with other professionals, patients, families, carers, carer groups and non-government organisations: identifying the roles and responsibilities of these partners to improve continuity of care in a transition across selected practice context.
- * Demonstrate understanding of the principles of interprofessional practice and discusses the impact upon collaboration with people with lived experience and their supporters.
- * Describe the principles of quality improvement and discuss their application to improve recovery-oriented care within a selected service setting

Course Contents

- 1 - • Introduction to Psychiatry.
- 2 - • Psychiatric interview.
- 3 - • Psychiatric assessment (MAA-GAF).
- 4 - • Mental state examination.
- 5 - • Depression and related Mood disorders.
- 6 - • Schizophrenia and related Psychotic disorders
- 7 - • Anxiety and related disorders.
- 8 - • Somatic Symptom and Related Disorders
- 9 - • Eating disorders.
- 10 - • Factitious and related disorders.
- 11 - • Sexual and gender identity disorders
- 12 - • Personality disorders.
- 13 - • Sleep disorders.
- 14 - • Amnestic and Dissociative disorders.
- 15 - • Substance-Related and Addictive Disorders
- 16 - • Psychopharmacology.
- 17 - • Psychotherapy.

Teaching and Learning Methods

- 1 - Lectures
- 2 - Clinical rotations
- 3 - Case based learning
- 4 - Small group discussion

Students Assessment

| <u>Assessment Method</u> | <u>TIME</u> | <u>MARKS</u> |
|--------------------------|-------------|--------------|
| Final examination | 3 hours | 100 |

Books and References

Recommended books

"Kaplan and Sadocks Comprehensive Textbook of Psychiatry" by Benjamin J. Sadock, Virginia A. Sadock, and Pedro Ruiz.

"The American Psychiatric Association Publishing Textbook of Psychiatry" edited by Laura Weiss Roberts and Philip R. Muskin.

"Diagnostic and Statistical Manual of Mental Disorders (DSM-5)" published by the American Psychiatric Association.

"Oxford Textbook of Psychiatry" edited by Michael G. Gelder, Nancy C. Andreasen, Juan J. Lopez-Ibor, and John R. Geddes.

Knowledge and Skills Matrix

| Main Course Contents | Study Week | Knowledge and Understanding | Intellectual Skills | Professional Skills | General Skill |
|--|------------|-----------------------------|---------------------|---------------------|---------------|
| <ul style="list-style-type: none"> Introduction to Psychiatry. Psychiatric interview | 1 week | 1,2 | 1,2 | 1,2 | |
| <ul style="list-style-type: none"> Psychiatric assessment (MAA-GAF). Mental state examination. | Week 2 | 1,2,3 | 1,2 | 1,2,3 | |
| <ul style="list-style-type: none"> Depression and related Mood disorders. | Week 3 | 1,2,3,4 | 1,2,3 | 1,2,3 | |
| <ul style="list-style-type: none"> Schizophrenia and related Psychotic disorders | 4 | 1,2,3,4 | 1,2,3 | 1,2,3 | |
| <ul style="list-style-type: none"> Anxiety and related disorders. | Week 5 | 1,2,3,4 | 1,2,3 | 1,2 | |
| <ul style="list-style-type: none"> Somatic Symptom and Related Disorders | Week 6 | 1,2,3,4 | 1,2,3 | 1,2,3 | |
| <ul style="list-style-type: none"> Eating disorders. | Week 7 | 1,2,3,4 | 1,2,3 | 1,2,3 | |
| <ul style="list-style-type: none"> Factitious and related disorders. | Week 8 | 1,2,3, 4 | 1,2,3 | 1,2,3 | |
| <ul style="list-style-type: none"> Sexual and gender identity disorders. | Week 9 | 1,2,3,4 | 1,2,3 | 1,2 | |
| <ul style="list-style-type: none"> Personality disorders. | Week 10 | 1,2,3,4 | 1,2,3 | 1,2 | |
| <ul style="list-style-type: none"> Sleep disorders. | Week 11 | 1,2,3 | 1,2,3 | 1,2,3 | |
| <ul style="list-style-type: none"> Amnestic and Dissociative disorders. | Week 12 | 1,2,3,4 | 1,2,3 | 1,2 | |
| <ul style="list-style-type: none"> Substance-Related and Addictive Disorders | Week 13 | 1,2,3,4 | 1,2,3 | 1,2 | |
| <ul style="list-style-type: none"> Psychopharmacology | Week 14 | 1,2,3 | 1,2 | 1,2 | |
| <ul style="list-style-type: none"> Psychotherapy. | Week 15 | 1,2,3 | 1,2 | 1,2 | |