

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

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| Course name | Orthopedic Diseases Orthopedic Surgery |
| Course number | AMSP3314 |
| Faculty | |
| Department | |
| Course type | Major Needs |
| Course level | 3 |
| Credit hours (theoretical) | 3 |
| Credit hours (practical) | 0 |
| Course Prerequisites | |

Course Objectives

- 1 - 1. to assess and analyse orthopedic problems that affect the neuromusculoskeletal system and movement performance
- 2 - 2. To describe pathological changes influencing bones and related soft tissues
- 3 - 3. To describe conservative and surgical treatments utilized in the management of of orthopedic problems
- 4 - 4. To descuss the diagnosis and prognosis of different orthopedic problems
- 5 - 5. to outline and implement physiotherapy programs for different orthopedic disorders

Intended Learning Outcomes

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| Knowledge and Understanding | * this course will provide the student with the knowledge and skills required to treat patients with orthopedic problems |
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Course Contents

- 1 - 1. Introduction to orthopedics
- 2 - 2. principles of management
- 3 - 3. Fractures and dislocations
- 4 - 4. fractures and dislocations of the upper limb
- 5 - 5. fratures and dislocations of the lower limb
- 6 - 6. deformities
- 7 - 7. diseases of bones
- 8 - 8. diseases of joints
- 9 - 9. amputations and artificial limbs

Teaching and Learning Methods

- 1 - Lecturing and clinical assessments

Teaching and Learning Methods for the Disabled Students

- 1 - and practical aids using visual

Students Assessment

| <u>Assessment Method</u> | <u>TIME</u> | <u>MARKS</u> |
|--------------------------------|-------------|--------------|
| 2 midterm exams and final exam | | 25 ,25, 50 |

Books and References

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| Course note | couse handouts and books available in the library |
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Knowledge and Skills Matrix

| Main Course Contents | Study Week | Knowledge and Understanding | Intellectual Skills | Professional Skills | General Skill |
|-------------------------------------|--|---|---------------------|----------------------|------------------------|
| management of orthopedic conditions | | | | | |
| | lecturing and clinical sessions for 14 weeks | | | | |
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| Management of orthopedic conditions | lecturing and clinical sessions for 14 weeks | knowledge and skills required for management of orthopedic conditions | practical skills | physiotherapy skills | physiotherapy practice |
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