

The University of Toledo

New Graduate Course Proposal

APR 23 2013
UNIVERSITY OF TOLEDO
INSTITUTIONAL EFFECTIVENESS

Contact Person Phone (XXX-XXXX)

Email

College If Other

Dept/Academic Unit

Alpha/Numeric Code (Subject area - number)

Proposed title Proposed Effective Term

Is the course cross-listed with another academic unit?

Approval of other Academic unit (Signature and title)

Is the course offered at more than one level?

If yes, an undergraduate course proposal form must also be submitted. If the undergraduate course is new, complete the [New Undergraduate Course Proposal](#); if the undergraduate course is existing, submit an [Undergraduate Course Modification Proposal](#).

Credit hours Fixed: or Variable: to

Delivery mode:	Primary	Secondary	Tertiary
Activity Type	<input type="text" value="Lecture"/>	<input type="text"/>	<input type="text"/>
Minimum Credit Hours	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>
Maximum Credit Hours	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>
Weekly Contact Hours	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>

Terms Offered Fall Spring Summer Years offered
May the courses be repeated for credit? Maximum hours:
Are students permitted to register for more than one section during a term? Grading system:

Prerequisites (must be taken **before**): e.g., C or higher in BIOE 4500 or BIOE 5500 and C or higher in MATH 4200, etc.

Permission

Permission from Department

Co-requisites (must be taken **together**):



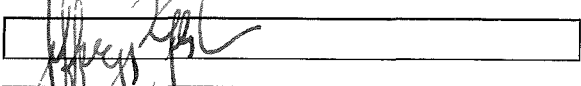
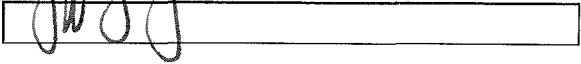
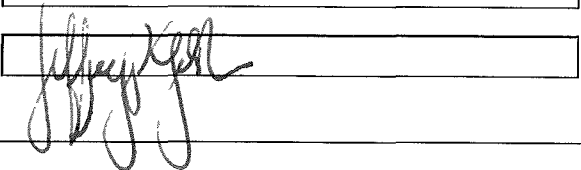
[Empty box for co-requisites]

Catalog Description (75 Words Maximum)

Students will attend a three hour didactic series covering a wide variety of musculoskeletal topics and basic science topics. Lectures will draw from topic areas including: arm/hand; bone/oncology; foot and ankle; basic science; hip/pelvis; knee/leg; spine; general medicine; general orthopaedics; pediatrics; sports medicine; shoulder; and anatomy.

Attach a syllabus and an electronic copy of a complete outline of the major topics covered. [Click here for the template.](#)

Course Approval

Department Curriculum Authority	<input type="text"/>	Date	<input type="text"/>
Department Chairperson		Date	<input type="text" value="4/12/13"/>
College Curriculum Authority or Chair		Date	<input type="text" value="7/17/13"/>
College Dean		Date	<input type="text"/>
Graduate Council		Date	<input type="text"/>
Dean of Graduate Studies	<input type="text"/>	Date	<input type="text"/>
Office of the Provost		Date	<input type="text"/>

For Administrative Use Only

Effective Date	<input type="text"/>
CIP Code	<input type="text"/>
Subsidy Taxonomy	<input type="text"/>
Program Code	<input type="text"/>
Instruction Level	<input type="text"/>

Orthopaedics: Basic Science and Musculoskeletal Topics

Thursday, 5:00 pm-8:00 pm

Orthopaedic Center, Orthopaedic Center Conference Room, Room 1715

Course Director: Nabil Ebraheim, MD,
Chairman and Professor
Department of Orthopaedic Surgery
University of Toledo Medical Center

Offered: Spring/Fall

Credits: 3

Description:

Students will attend three hour didactic lecture series covering a wide variety of musculoskeletal and basic science topics. Lectures will draw from topic areas including: arm/hand; bone/oncology; foot and ankle; basic science; hip/pelvis; knee/leg; spine; general medicine; general orthopaedics; pediatrics; sports medicine; shoulder; and anatomy.

Grading:

Grading for this course is based on attendance; students will receive either a satisfactory or an unsatisfactory scoring. Students must attend 90 percent of all lectures to receive a grade of satisfactory.

Course Schedule (Fall):

Week 1: Pediatric Spine Fracture; Spinal Stenosis; Medical Ethics; Fractures of the Orthopaedic Foot and Ankle, Part 1

Week 2: Hallux Valgus/Rigidus; Rheumatoid Foot; Ankle Fractures; Fractures of the Orthopaedic Foot and Ankle, Part 2

Week 3: Rheumatoid Hand; Extensor Tendon Injury; Residents as Teachers; Fracture and Orthopaedic Trauma-Tibia, Part 1

Week 4: Sports Medicine of the Knee, Part 1; Sports Medicine of the Knee, Part 2; Total Hip Replacement; Fractures and Orthopaedic Trauma-Tibia, Part 2

Week 5: Elbow Injuries in Athletes; Shoulder Replacement; Thoracic Spine Fractures and Pathology; Lumbar Stenosis

Week 6: Distal Radio-Ulnar Joint; Scaphoid Fractures; Shoulder Dislocation Types and Treatment; Shoulder Impingement Types and Treatment

Week 7: Spine Infection; Hand Infection; Carpal Instability; Fractures of the Distal Radius

Week 8: Seronegative Ankylosing Spondylitis; Total Knee Infections; Infection of the Total Hip

Week 9: Brachial Plexus Basic Science; Acetabular Fracture; Diabetic Foot

Week 10: Rheumatoid Foot; Lower Limb Fractures; Fusion of the Foot and Ankle; LisFranc Injuries

Week 11: Common Foot Disorders: Tarsal Tunnel, Posterior Tibial Dysfunction, Forefoot Deformity

Week 12: Achilles Tendon Disorders and Ruptures; Heel Pain; Plantar Fasciitis

Week 13: Anatomy: Foot and Ankle; Finger Tip Injury Amputation and Reimplantation; Extensor Tendon Injury; Rheumatoid Hand

Week 14: Anatomy: Shoulder and Upper Arm; Humerus Fractures; Forearm Fractures; Open Fractures

Week 15: Anatomy: Hand; Hip Impingement; Flexor Tendon Injury; Rheumatoid Spine; Hip Fractures

Week 16: Anatomy: Thoracic Lumbar Spine; Orthopaedic Trauma, Cervical/Thoracic/Lumbar Images; Kyphoplasty

Course Schedule (Spring):

Week 1: Anatomy: Leg; Dupuytren's Contracture; Total Joint Hip; Total Joint knee

Week 2: Anatomy: Knee; Hallux and Rigidus Sesmoiditis; Neurologic Conditions of the Foot; Fusion of the Joints (Foot and Ankle)

Week 3: Anatomy: Hand and Wrist; MRI for Orthopaedics; Reverse Shoulder; Spondylitis and Lumbar Stenosis

Week 4: Hand Contracture; Pharmacy for Orthopaedics; Pediatric Fractures; Scapula and Glenoid Fractures

Week 5: Advances in Spine; Congenital Conditions of the Spine; Internal and External Fixation Techniques; Pelvic Fractures

Week 6: Total Hip Revision; Total Knee Revision; Tendon Transfer; Finger Fractures

Week 7: PCL; AC Separation; Entrapment Neuropathy; Perilunate Dislocation

Week 8: Spine Infections; Upper Cervical Spine Fractures; Common Foot Disorders; Achilles Tendon Disorders and Ruptures

Week 9: Resurfacing; Total Joint Infection; Hip Osteotomy; Knee Osteotomy

Week 10: Tumors of the Spine; EMG Nerve Studies; Unstable Elbow Dislocations; Amputation versus Limb Salvage

Week 11: Low Back Pain; Compartment Syndrome; Biomechanics; Cervical Spine Instability

Week 12: Advances in Sports Medicine, Shoulder, Part 1; Advances in Sports Medicine, Shoulder, Part 2; Heel Pain/Plantar Fasciitis; The Loose Hip

Week 13: Medical Malpractice; Osteotomy of the Spine; Soft Tissue Coverage; RSD

Week 14: Nerve Injuries/Repair; Neurologic Conditions of the Foot

Week 15: Radiation Safety; Uni-Compartment of the Knee

Week 16: Orthopaedic Trauma Review; Orthopaedic In-Training Examination Review