PODIATIC BIOMECHANICS AND ORTHOPEDICS (ORT)

ORT 80131  BIOMECHANICS I  3 Credit Hours
Biomechanics is a comprehensive course, which stresses normal gait and foot function. Abnormalities in gait of foot mechanics are related to foot pathology.
Prerequisite: Enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

ORT 80132  REHABILITATIVE MEDICINE  2 Credit Hours
Rehabilitative Medicine reviews various physical therapy modalities and principles of rehabilitation. Examples of application of these principles as relating to foot pathology are given.
Prerequisite: Enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

ORT 80211  BIOMECHANICS II  2 Credit Hours
Biomechanics II introduces common foot pathologies and their effects on function. The examination techniques utilized in the evaluation of patients are introduced as is the use of foot orthotic devices and computers in the assessment of biomechanical pathology.
Prerequisite: Enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter

ORT 80325  SPORTS MEDICINE  2 Credit Hours
Sports Medicine is a comprehensive course. Students gain an understanding of running biomechanics, shoe gear construction and evaluation, and the incidence, etiology, pathomechanics, evaluation and treatment of many lower extremity sports pathologies.
Prerequisite: Enrolled in the College of Podiatric Medicine.
Schedule Type: Lecture
Contact Hours: 2 lecture
Grade Mode: Standard Letter