SMED Sports Medicine

SMED 5015 Assessment and Evaluation of Musculoskeletal Injuries
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Fundamental skills of athletic training assessment and evaluation including basic examination, acute care, and documentation for patients with athletically related injuries or illnesses. Emphasis placed on musculoskeletal disorders. Case studies will link the material presented in this course with other courses taught concurrently.
Prerequisite(s): A minimum grade of "C" in SMED 3005.
Cross Listing(s): SMED 5015G.
SMED 5015G Assess/Eval Injury & Illness I
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Cross Listing(s): SMED 5015.
SMED 5050 Pharmacology of Sports Medicine Injury and Illness
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Basic understanding of pharmacology and the drugs commonly used in physical medicine and exercise.
Cross Listing(s): SMED 5050G.
SMED 5050G Pharm Of Spts Med Inj & Illnes
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.
Basic understanding of pharmacology and the drugs commonly used in physical medicine and exercise.
Cross Listing(s): SMED 5050.
SMED 5055 Pathophysiology of Sports Medicine Injury and Illness
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines mechanisms responsible for disease processes and subsequent care of illness associated with the participation in physical activity.
Prerequisite(s): A minimum grade of "B" in BIOL 2081 and BIOL 2082.
Cross Listing(s): SMED 5055G.
SMED 5055G Path Of Spts Med Inj & Ill
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Examines mechanisms responsible for disease processes and subsequent care of illness associated with the participation in physical activity.
Cross Listing(s): SMED 5055.
SMED 5065 Movement and Posture Assessment and Exercise
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Techniques to identify impaired movement patterns and altered tissue adaptations. Corrective exercise strategies, including inhibitory, stretching and activation techniques and program design will be emphasized.
Prerequisite(s): A minimum grade of "C" in SMED 5015.
Cross Listing(s): SMED 5065G.
SMED 5065G Movement/Posture Assmnt & Exer
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Techniques to identify impaired movement patterns and altered tissue adaptations. Corrective exercise strategies, including inhibitory, stretching and activation techniques and program design will be emphasized.
Prerequisite(s): A minimum grade of "C" in SMED 5015G.
Cross Listing(s): SMED 5065.
SMED 5090 Nutritional Issues in Sports Medicine
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Impact of various nutritional regimens on performance and recovery in athletics.
Cross Listing(s): SMED 5090G.
SMED 5090G Nutritional Issues/Spts Med
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Impact of various nutritional regimens on performance and recovery in athletics.
Cross Listing(s): SMED 5090.
Prerequisite(s):

and development through an examination of the techniques, technologies
in response to power, plyometrics, speed and agility training. Practical
concepts regarding periodized training and the physiological adaptions
An advanced course examining principles of program design, current
SMED 7075 Program Design and Advanced Training Techniques
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An advanced course examining principles of program design, current
concepts regarding periodized training and the physiological adaptions
response to power, plyometrics, speed and agility training. Practical
mastery as well as theoretical understanding will be required.
Prerequisite(s): A minimum grade of "C" in SMED 7070.

SMED 7080 Applied Sport Science
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
Course emphasizes an evidenced based approach to athlete monitoring
and development through an examination of the techniques, technologies
and analysis used in sport science settings.
Prerequisite(s): A minimum grade of "B" in SMED 6060.