Online

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Name</th>
<th>Time From/To</th>
<th>Section</th>
<th>Room</th>
<th>Instructor</th>
<th>Course Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>AST6610</td>
<td>Pregnancy &amp; Pediatric Nutrition</td>
<td>12:01AM to 12:02AM</td>
<td>K</td>
<td>OL-Online</td>
<td>Erica Callahan</td>
<td>01/09/2019 - 04/19/2019</td>
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</tbody>
</table>

This online course will focus on specific nutrition for the pregnant patient, infant and children. Topics to be discussed include: fertility and nutritional considerations with the female reproductive system, healthy food and supplemental options for a pregnant patient, healthy food and supplemental options for children and adolescents and common infant, child, and adolescent nutritional considerations for disease states.

This course exposes the student to the field of pregnancy and pediatric nutrition through course work that will include: a) Online Lecture format; b) Reading assignments in the form of text book readings as well as journal articles; c) Writing assignments including case study presentations designed to add to clinical value of the course work.

TCH6530      | Activator Methods            | 12:01AM to 12:02AM | K       | OL-Online| William Sherwood   | 01/09/2019 - 04/19/2019 |

Activator has some online lecture components AND you have to attend both the Monday & Wednesday Lab times.

Activator Methods will expose students to Activator Methods Chiropractic Technique. Both the assessment methods and the use of the Activator instrument will be learned. The course will cover both the Basic Scan and the Advanced Techniques used to address specific chief complaints associated with the spine and the extremities commonly treated in clinical chiropractic practice. Purchase of an Activator instrument is not required.

Various Dates

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<tbody>
<tr>
<td>TCH6525</td>
<td>Introduction to Sports Injury Ma</td>
<td>8:00AM to 5:00PM</td>
<td>K</td>
<td>ACAD 202</td>
<td>Nathaniel Majoris</td>
<td>03/23/2019 - 03/23/2019</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8:00AM to 5:00PM</td>
<td>K</td>
<td>ACAD 202</td>
<td>Nathaniel Majoris</td>
<td>04/06/2019 - 04/06/2019</td>
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The purpose of this course is to provide an introductory overview to sports medicine for the chiropractic student. Skill development will include on field clinical decision making, first aid for sports injuries, taping and wrapping procedures, and rehabilitation / performance enhancement treatment planning. These skills will be integrated into the prevention, diagnosis, immediate management, and rehabilitation of commonly encountered injuries to include the spectrum of life threatening to non-traumatic overuse conditions. The student will prepare to work as a member of the sports medicine team. Administrative and risk management aspects related to sports medicine/chiropractic will be reviewed. This course will consist of a combination of face to face classroom study and practical skill application.

TCH6560      | Sacro Occipital Technique I  | 8:00AM to 6:00PM   | K       | ACAD 220 | Kurt Larsen         | 03/23/2019 - 03/23/2019 |
|            |                              | 8:00AM to 2:00PM   | K       | ACAD 220 | Kurt Larsen         | 03/24/2019 - 03/24/2019 |

This is an elective SOT course. The student enters this course on the basis that they wish to become extremely proficient in the use of Sacro-Occipital Technique. Basic Principles of the SOT procedure are covered in detail. This is a practical course. The student will be able to practice the application of this procedure proficiently.

TCH6525      | Introduction to Sports Injury Ma | 9:00AM to 3:00PM   | K       | ACAD 202 | Nathaniel Majoris   | 03/24/2019 - 03/24/2019 |
|            |                              | 9:00AM to 12:00PM  | K       | ACAD 202 | Nathaniel Majoris   | 04/07/2019 - 04/07/2019 |

The purpose of this course is to provide an introductory overview to sports medicine for the chiropractic student. Skill development will include on field clinical decision making, first aid for sports injuries, taping and wrapping procedures, and rehabilitation / performance enhancement treatment planning. These skills will be integrated into the prevention, diagnosis, immediate management, and rehabilitation of commonly encountered injuries to include the spectrum of life threatening to non-traumatic overuse conditions. The student will prepare to work as a member of the sports medicine team. Administrative and risk management aspects related to sports medicine/chiropractic will be reviewed. This course will consist of a combination of face to face classroom study and practical skill application.

TCH6559      | Nimmo I                      | 9:00AM to 5:00PM   | K       | ACAD 220 | Lisa Papenbrook     | 01/26/2019 - 01/26/2019 |
|            |                              | 9:00AM to 3:00PM   | K       | ACAD 220 | Lisa Papenbrook     | 01/27/2019 - 01/27/2019 |
|            |                              | 9:00AM to 5:00PM   | K       | ACAD 220 | Joshua Cohen        | 02/09/2019 - 02/09/2019 |
|            |                              | 9:00AM to 3:00PM   | K       | ACAD 220 | Joshua Cohen        | 02/10/2019 - 02/10/2019 |
|            |                              | 9:00AM to 5:00PM   | K       | ACAD 220 | Lisa Papenbrook     | 02/23/2019 - 02/23/2019 |
|            |                              | 9:00AM to 3:00PM   | K       | ACAD 220 | Lisa Papenbrook     | 02/24/2019 - 02/24/2019 |

Weekend Dates: This course will provide a comprehensive understanding of this premier soft tissue technique. Students will become familiar with the neurophysiology on which it was based. Participants will become skilled practitioners of this precise pressure point technique. The technique will be demonstrated in small increments and students will practice on each other under close supervision as they acquire the complex psychomotor skills necessary to locate and eliminate myofascial trigger points in all areas of the body.

Monday

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<tbody>
<tr>
<td>RAD6622</td>
<td>Pediatric Radiology</td>
<td>1:00PM to 1:50PM</td>
<td>D</td>
<td>AC3-GoToMtgC</td>
<td>Ashlee Kates-Ascioti</td>
<td>01/09/2019 - 04/19/2019</td>
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**Schedule for Electives**

**8th Tri and Above**

A 15 hour, 1 credit lecture course exploring the imaging characteristics of normal skeletal development and radiographic patterns of common musculoskeletal pathologies affecting the pediatric population. This course will focus on imaging indications, traumatic conditions, neoplasms, metabolic disorders, scoliosis, and heavy metal toxicity occurring in young patients. The course will also address the clinical and imaging indications for specialty referrals. Students will gain a greater understanding for the normal radiographic appearance of the immature skeleton and will develop the skills required to detect abnormal imaging manifestations.

**RAD6622 Pediatric Radiology** 1:00PM to 1:50PM L AC3-GoToMtgC Ashlee Kates-Ascioti 01/09/2019 - 04/19/2019

A 15 hour, 1 credit lecture course exploring the imaging characteristics of normal skeletal development and radiographic patterns of common musculoskeletal pathologies affecting the pediatric population. This course will focus on imaging indications, traumatic conditions, neoplasms, metabolic disorders, scoliosis, and heavy metal toxicity occurring in young patients. The course will also address the clinical and imaging indications for specialty referrals. Students will gain a greater understanding for the normal radiographic appearance of the immature skeleton and will develop the skills required to detect abnormal imaging manifestations.

**RAD6622 Pediatric Radiology** 1:00PM to 1:50PM M AC1-L01 Ashlee Kates-Ascioti 01/09/2019 - 04/19/2019

A 15 hour, 1 credit lecture course exploring the imaging characteristics of normal skeletal development and radiographic patterns of common musculoskeletal pathologies affecting the pediatric population. This course will focus on imaging indications, traumatic conditions, neoplasms, metabolic disorders, scoliosis, and heavy metal toxicity occurring in young patients. The course will also address the clinical and imaging indications for specialty referrals. Students will gain a greater understanding for the normal radiographic appearance of the immature skeleton and will develop the skills required to detect abnormal imaging manifestations.

**TCH6562 Introduction to Gonstead Method** 1:00PM to 1:50PM K AC1-219 Scott Coon 01/09/2019 - 04/19/2019

The Gonstead elective course is designed to introduce the students to the chiropractic philosophy and methods developed utilized by Dr. Clarence Gonstead. The elective will introduce the student to the following assessment skills utilized in the Gonstead Method; use of motion palpation, static palpation, radiographic structural analysis, and instrumentation to better identify the spinal subluxation will be emphasized. The course will instruct the student to properly set-up the adjustments using the specific adjustive techniques developed by Dr. Gonstead, using the pelvic bench, the knee chest table, and the cervical chair. It will also aid the student in understanding the Gonstead listing system by providing more depth and clarity. This additional learning experience is offered to enhance their treatment and decision making skills in order to provide better clinical treatment to their patients.

**ANA6514 Advanced Anthology** 1:00PM to 1:50PM K ANA-L03 Robert Walker 01/09/2019 - 04/19/2019

This one-hour course is an advanced discussion of the joints of the human body, and the mechanical properties of the tissues of the skeleton: bone, cartilage, tendons, and ligaments. The primary emphasis of the course will be the synovial joints of the axial and appendicular skeleton and the solid joints of the vertebral column ( discs and ligaments). The course will be in a lecture format with laboratory presentation of relevant prospected materials.

**TCH6530 Activator Methods** 4:00PM to 5:50PM K AC2-Lab William Sherwood 01/09/2019 - 04/19/2019

Activator has some online lecture components AND you have to attend both the Monday & Wednesday Lab times. Activator Methods will expose students to Activator Methods Chiropractic Technique. Both the assessment methods and the use of the Activator instrument will be learned. The course will cover both the Basic Scan and the Advanced Techniques used to address specific chief complaints associated with the spine and the extremities commonly treated in clinical chiropractic practice. Purchase of an Activator instrument is not required.

**TCH6635 Sports Management II** 4:00PM to 5:50PM K AC1-L01 Emily Canfield 01/09/2019 - 04/19/2019

This course is designed to prepare students for working with athletes in and out of a traditional clinic setting. Topics will cover advanced taping and bracing, adaptive chiropractic techniques, current research topics in sports and the importance of effective communication as part of a sports medicine team. This is a 1 credit laboratory class.

**Wednesday**

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<tr>
<td>AST6605</td>
<td>The Basics of Whole Food Nutr</td>
<td>8:00AM to 9:50AM</td>
<td>D</td>
<td>AC3-GoToMtgC</td>
<td>Brett Carnevale</td>
<td>01/09/2019 - 04/19/2019</td>
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<td>This class include BOTH Wed 6 - 10 AND 12-1 timeslots. This is a lecture course focusing on the fundamentals of whole food nutrition and supplementation for various health conditions and overall optimal well-being. Special attention will be paid to implementing whole food nutrition in the health and regulation of all organ systems in the human body including a review of major biochemical and physiological mechanisms. In addition, the students will also gain an understanding of the symptom survey, nutritional examinations and basic implementation of whole food nutrition into a health care practice.</td>
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<td>8:00AM to 9:50AM</td>
<td>L</td>
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AST6605 The Basics of Whole Food Nutri 8:00AM to 9:50AM M AC3-110 Brett Carnevale 01/09/2019 - 04/19/2019
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TCH6530 Activator Methods 8:00AM to 9:50AM K AC2-Lab William Sherwood 01/09/2019 - 04/19/2019
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Activator Methods will expose students to Activator Methods Chiropractic Technique. Both the assessment methods and the use of the Activator instrument will be learned. The course will cover both the Basic Scan and the Advanced Techniques used to address specific chief complaints associated with the spine and the extremities commonly treated in clinical chiropractic practice. Purchase of an Activator instrument is not required.

AST6570 Advanced Lower Extremity Mov 9:00AM to 10:50AM K AC1-202 Dennis Homack 01/09/2019 - 04/19/2019
A learner centered course that discusses conditions, movement patterns, and the uses and benefits of orthopedic appliances used to support, align, prevent, or correct deformities or to improve function of movable parts of the body. Emphasis will be on the articulations of the lower extremities and the effect of the pelvis and spine. General considerations include analysis of movement patterns, casting and scanning techniques for orthotics, comparisons between various types of orthopedic devices and demonstrations of proper usage. Both short term and long term conditions will be considered.

AST6605 The Basics of Whole Food Nutri 12:00PM to 12:50PM D AC3-GoToMtgC Brett Carnevale 01/09/2019 - 04/19/2019
This class include BOTH Wed 8 - 10 AND 12-1 timeslots.
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DIA6540 Chiropractic Management of the 12:00PM to 12:50PM K AC1-L01 Jeana Voorhies 01/09/2019 - 04/19/2019
This course is designed to provide the student with the knowledge required to assess the pregnant patient and to provide safe and appropriate chiropractic care for the pregnant and postpartum patient. Students will be taught to distinguish between red flags and common musculoskeletal complaints unique or common to the pregnant patient. Students will be taught appropriate modifications that should be made to the chiropractic manipulative therapies taught in the curriculum when treating the pregnant patient. The course will also seek to educate the student of the biomechanical changes that occur in the spine throughout pregnancy, how these changes can manifest as physical complaints, and the appropriate chiropractic care to address these complaints.

DIA6566 Tunnel Syndromes Diagnosis a 1:00PM to 1:50PM D AC3-GoToMtgC Dennis Homack 01/09/2019 - 04/19/2019
Tunnel Syndromes Diagnosis and Management is a lecture course designed to provide a comprehensive overview regarding the identification and treatment options for canal and tunnel syndromes and other neural and neurovascular entrapment syndromes. The course will provide examples of conditions from a clinical perspective, with emphasis on identifying causes and preventative strategies, chiropractic management and other approaches to management. Discussions of conditions will consist of topics ranging from anatomy, functional neurology, ergonomics and biomechanics, and some physiology. Examination strategies will include history taking, typical and special physical, neurological and orthopedic examination procedures, radiographic and special imaging studies, and some laboratory testing procedures. Management options include chiropractic adjusting and manipulative therapy, soft tissue treatments, ancillary treatments, physical therapy including strengthening and stretching, splints and supportive devices, and several medically oriented approaches. Additional discussion includes potions for co-management of surgical and cases involving medical intervention.

**Schedule for Electives**

**8th Tri and Above**

Tunnel Syndromes Diagnosis and Management is a lecture course designed to provide a comprehensive overview regarding the identification and treatment options for canal and tunnel syndromes and other neural and neurovascular entrapment syndromes. The course will provide examples of conditions from a clinical perspective, with emphasis on identifying causes and preventative strategies, chiropractic management and other approaches to management. Discussions of conditions will consist of topics ranging from anatomy, functional neurology, ergonomics and biomechanics, and some physiology. Examination strategies will include history taking, typical and special physical, neurological and orthopedic examination procedures, radiographic and special imaging studies, and some laboratory testing procedures. Management options include chiropractic adjusting and manipulative therapy, soft tissue treatments, ancillary treatments, physical therapy including strengthening and stretching, splints and supportive devices, and several medically oriented approaches. Additional discussion includes potions for co-management of surgical and cases involving medical intervention.

**Issue surrounding concussions are increasing as our knowledge base grows.** Concussions can result from athletic injuries, motor vehicle accidents, or general injuries. This course presents the most current information and best practices relating to concussions and complications involved in head injuries and emphasis on the athlete. The current neurological and neuropsychological assessments available to diagnose concussions are presented along with current treatment and management protocols. While concussions management is not specifically under the scope of chiropractic care, recognition and diagnostic indicators of a significant health condition, including concussion, are a standard of care in chiropractic practice in every state in the United States. Doctors of Chiropractic are expected to recognize the signs and symptoms of concussion and head trauma as they would be expected to recognize a potential fracture, dislocation or any serious underlying pathologies presenting as neuromusculoskeletal complaints. This course will prepare the student to work in any health care setting, including sporting events and be able to evaluate tentatively diagnose and refer appropriately any patient or athlete who has sustained a concussion or traumatic brain injury.

**Friday**

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<tbody>
<tr>
<td>ANA6504</td>
<td>Craniofacial Biology &amp; Pediatric</td>
<td>10:00AM to 10:50AM</td>
<td>K</td>
<td>ADM-DLVN</td>
<td>Michael Zumpano</td>
<td>01/09/2019 - 04/19/2019</td>
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This lecture course will review the basics of craniofacial growth and lay the foundations to understand common craniofacial malformations such as cleft lip and palate, craniosynostoses, and pharyngeal arch syndromes. Furthermore, growth and dysfunction of the temporomandibular (TMJ) joint and the inner ear will be explored. Chiropractic faculty will present three lectures and they will discuss diagnosis and treatment aspects of craniofacial problems and cranial adjusting techniques.