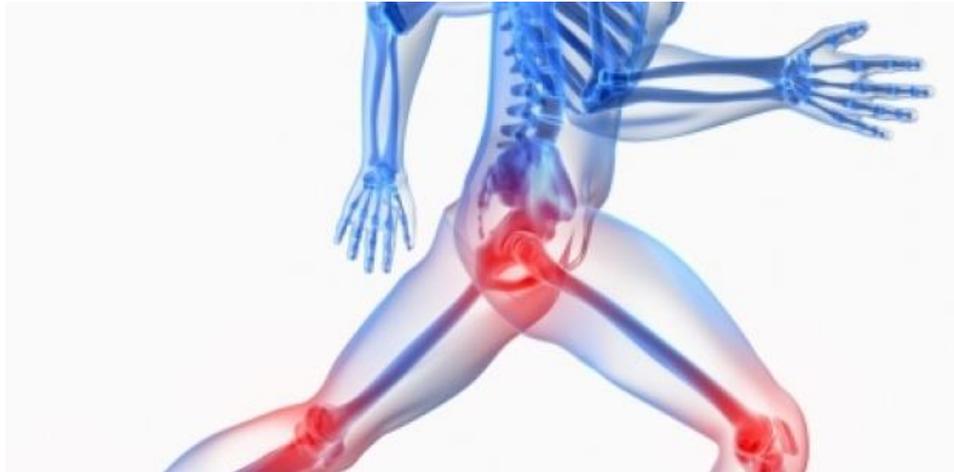


Musculoskeletal Physiology/Pathology



This 16 hour course offers an in-depth presentation of how muscles, bones and related body systems function as well as their pathologies. An assortment of topics will be covered, including:

- Chemistry of the body
- Contraction/relaxation cycle
- Golgi tendon organs
- Neurotransmitters of the ANS
- Metabolism of muscle and homeostasis
- Neuromuscular coordination
- Engrams

In addition, an assortment of pathologies common to the musculoskeletal system will be covered including: fibromyalgia, tendonitis, spasms, cramps, hypertonic and hypotonic muscles, tendinosis, osteoporosis, spondylosis, muscular dystrophy and more.



2022 Class: Tues, Sept 20 – Oct 11, 10:00-2pm

Tuition: \$288 Registration Fee: \$28

Required Text: *Massage Therapist's Guide to Pathology, Werner*



Noah Lucas, NMT, NASM-CPT: Noah is a graduate with honors from the National Holistic Institute where he received both his 800 hr core and 450 hr advanced neuromuscular therapy training in the field of massage therapy. He holds the professional titles of CAMTC Certified Massage Therapist, Advanced Neuromuscular Massage Therapist and Health Educator, and National Academy of Sports Medicine Certified Personal Trainer. Noah's passion in life is to share his knowledge and skills to help people understand and change their relationship with pain and posture through education, movement, and bodywork.



Cassandra Cornish, NTP, CGP: Cass completed our Massage Practitioner Program with additional a la carte courses before moving, She continued her Holistic studies in Traditional Chinese Medicine, Pilates, and Holistic Nutrition. She holds a Masters of Arts in Teaching and is passionate about educating others on the healing power of a nutrient dense diet, healing and sealing the gut and caring for our gut microbiome. She currently conducts a private practice as a Nutritional Therapist specializing in the GAPS protocol (Gut and Psychology/ Gut and Physiology Syndrome).

Approval to operate by CA BPPE since 1985 #19282 as in compliance with CA state standards. School code #4201111.
Approved for training for Veterans and eligible persons by the CA State Approving Agency for Veterans #2-5-1333-05.
Approved by the CAMTC only as a part of our 550 hour program requirement #SCH 0020. Accepted by CA Vocational Rehabilitation.

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