

<p><b>Course Name:</b>  <b>KNPE 453/3.0</b></p> <p>Locomotor Neuromechanics</p>	<p><b>Course Instructor:</b></p> <p>Anthony Chen</p>	<p><b>Contact Hours:</b></p> <p>TBA</p>
<p><b>Course Description:</b></p> <p>The purpose of this course is to provide you with a comprehensive understanding of the mechanics, energetics, and control of human locomotion. We will explore current theories in biomechanics and motor control, as well as the foundational behavioral and sensorimotor evidence that underpin these theories. A focus will be placed on applying this understanding to the rehabilitation of movement disorders and the design and control of robotic assistive devices.</p>		<p><b>Prerequisite:</b>  Level 3 or above in a KIN Plan  KNPE 254/3.0 and KNPE 261/3.0</p> <p><b>Exclusion:</b>  KNPE 493 (Topic: Locomotor Neuromechanics)</p> <p><b>Course Texts (Optional):</b></p>
<p><b>Learning Outcomes:</b></p> <p>TBD</p>	<p><b>Course Evaluation:</b></p> <p>TBD</p>	
<p><b>Course Outline</b></p>		
<p>TBD</p>		