

<p><b>Course Name:</b>  <b>KNPE 125/3.0</b>          Introduction to Human Physiology</p>	<p><b>Course Instructors:</b>            Stacey Forbes          Lindsay Lew</p>	<p><b>Contact Hours:</b>            Lectures: 3 x 1 hr / week</p>
		<p><b>Prerequisite:</b>            Level 1 or above in a HLTH or KINE Plan.</p>
		<p><b>Exclusions:</b>            No more than one course from IDIS 150/6.0; or (PHGY 215/3.0 or PHGY 216/3.0); PHGY 210/6.0; PHGY 212/6.0; PHGY 214/6.0</p>
<p><b>Course Description:</b>            This course provides an introduction to human physiology from the cellular to the systemic level with special emphasis on the systems that adapt to exercise stress. The following areas will be covered: the cell, nervous system, skeletal muscle system, respiratory system, cardiovascular system, neuroendocrine system, renal system and reproductive physiology.</p>		<p><b>Course Texts:</b>            KNPE125 Course Pack (required)          The course pack will be available on onQ. This course pack contains readings and activities to help you learn a conceptual framework of flow to predict how physiological systems adapt in response to a disturbance in the system (i.e. human movement) (learning outcome 3). If you complete all of the readings and activities in the course pack, 2% will be added to your final course grade.</p> <p>The information from the course pack will be tested in three different components of the course that will be described further below:</p> <ol style="list-style-type: none"> <li>1. Weekly online quizzes on OnQ.</li> <li>2. Each of the 3 unit tests.</li> <li>3. Each of the 3 group assignments.</li> </ol> <p>Textbook (Optional)          Principles of Human Physiology. 6th ed.          Cindy L. Stanfield. Pearson, Toronto.</p> <p>This text is used primarily as a supplement to the information presented in lecture, tests will be based on lecture material only.</p>
<p><b>Learning Outcomes:</b>    <ul style="list-style-type: none"> <li>• Describe the basic structural and functional characteristics of types of cells (e.g. neural, muscle), organs (e.g. blood</li> </ul> </p>		<p><b>Course Evaluation:</b>            Unit 1 - Cellular Function and Neural Physiology          OnQ Quiz 1 2%</p>

