

**Biol 2401: Anatomy and Physiology I**  
**Lecture and Lab Schedule**  
**(Ziser: Fall, 2016, Section: 12477)**

<b>Wk</b>	<b>Date</b>	<b>Lecture Topics</b>	<b>Lab</b>	<b>Lab Topics</b>	<b>Homework &amp; Lab Assignments</b>	<b>Due Date:</b>
<b>1</b>	Aug 30 Sept 1	Introduction to A & P, Models in Science Homeostasis; Landmarks, Systems Overview	Sept 1	Orientation, Safety, Metric System; Scientific Method, Microscopy		
<b>2</b>	Sept 6 Sept 8	Basic Chemistry, Biomolecules	Sept 8	Diffusion & Osmosis	LR: Scientific Method HW: Metric System	(9/6) (9/8)
<b>3</b>	Sept 13 Sept 15	Cell Structure <b>EXAM I</b>	Sept 15	Fetal Pig Dissection	LR: Diffusion & Osmosis	(9/13)
<b>4</b>	Sept 20 Sept 22	Cell Function Cell Function	Sept 22	<b>Lab Practical 1 (Fetal Pig)</b> Cells & Tissues		
<b>5</b>	Sept 27 Sept 29	Tissues Tissues (cont)	Sept 29	Tissues membranes, glands & skin		
<b>6</b>	Oct 4 Oct 6	Membranes, Glands & Skin <b>EXAM II</b>	Oct 6	<b>Lab Practical 2 (membr., glands, tissues, skin)</b> Skeletal System	HW: Tissues & Organs	(10/6)
<b>7</b>	Oct 11 Oct 13	The Skeletal System The Skeletal System	Oct 13	Skeletal System Human Muscles		
<b>8</b>	Oct 18 Oct 20	The Skeletal System Skeletal Physiology	Oct 20	Human Muscles Cat Muscles		
<b>9</b>	Oct 25 Oct 27	The Muscular System The Muscular System	Oct 27	<b>Lab Practical 3 (Skeletal and Muscular Sys)</b> Intro to iWorx		
<b>10</b>	Nov 1 Nov 3	<b>EXAM III</b> Muscular Physiology	Nov 3	Frog Muscle Physiology	LR: Intro to iWorx	(11/1)
<b>11</b>	Nov 8 Nov 10	Muscular Physiology Nervous System, Intro & CNS	Nov 10	Anatomy of the Nervous System	LR: Frog Muscle Physiology	(11/8)
<b>12</b>	Nov 15 Nov 17	Nervous System PNS Autonomic NS	Nov 17	Reflexes and Cranial Nerve Function Sensory Anatomy	LR: Reflex & Cranial Nerves	(11/17)
<b>13</b>	Nov 22 Nov 24	<b>Exam IV</b> <b>Holiday</b>	Nov 24	<b>Holiday</b>		
<b>14</b>	Nov 29 Dec 1	Neurophysiology The Senses	Dec 1	<b>Practical 4 (Nervous Sys and Sensory Anatomy)</b>		
<b>15</b>	Dec 6 Dec 8	The Senses Sensory Physiology	Dec 8	Sensory Physiology		
<b>16</b>	Dec 13 Dec 15	Sensory Physiology <b>EXAM V</b>	Dec 15		LR: Sensory Physiology	(12/13)

**Notes: LR=lab report; cont=continued  
Q=quiz; HW=homework**