

**Course Information Sheet****Course Name: Anatomy and Physiology****Instructional Material: Cengage- Body Structures and Functions****First Semester:**

Week 1	Introduction to Anatomy & Physiology
Week 2	The Cell & Cell Reproduction
Week 3	Tissues: Types and Functions
Week 4	The Integumentary System (Skin)
Week 5	The Skeletal System: Bones & Joints
Week 6	The Muscular System: Structure and Function
Week 7	The Nervous System: Central & Peripheral
Week 8	The Special Senses: Eye & Ear
Week 9	The Endocrine System
Week 10	Blood & Blood Components
Week 11	The Heart & The Cardiovascular System
Week 12	The Lymphatic System & Immunity
Week 13	The Respiratory System
Week 14	The Digestive System
Week 15	The Urinary System
Week 16	Fluid & Electrolyte Balance
Week 17	The Reproductive Systems
Week 18	Comprehensive Review of Body Systems

**Second Semester:**

Week 19	Human Growth & Development
Week 20	Heredity & Genetic Disorders
Week 21	Microbiology & Disease
Week 22	Diagnostic Procedures & Medical Technology
Week 23	Pathophysiology: Concepts of Disease
Week 24	Pathophysiology of the Integumentary & Musculoskeletal Systems
Week 25	Pathophysiology of the Nervous & Endocrine Systems
Week 26	Pathophysiology of the Cardiovascular & Respiratory Systems
Week 27	Pathophysiology of the Digestive & Urinary Systems
Week 28	Pathophysiology of the Reproductive System & STIs
Week 29	Medical Terminology Review & Application
Week 30	Case Studies & Clinical Application (Part 1)
Week 31	Case Studies & Clinical Application (Part 2)
Week 32	Human Body Systems Interaction Project
Week 33	Career Pathways in A&P (Research Project)
Week 34	The Effects of Aging on Body Systems
Week 35	Final Project Presentations & Portfolio Showcase
Week 36	Final Exam & Course Wrap-Up