

NORTHERN NEW MEXICO COLLEGE



Course Number	BIOL 2225 Human Anatomy and Physiology II Lab
Course Name	
Credit Value (Breakdown of theory and lab credits)	1 Lab
Catalog Course Description	Co-requisite: BIOL 2225. (1, 0T+1L) Meets New Mexico Lower Division General Education Core Curriculum Area III Laboratory Science (NMCCN BIOL 2124 with lab)
Course Student Learning Outcomes/Objectives /Competencies	<ol style="list-style-type: none"> 1. Apply the scientific method correctly. 2. Collect, analyze, and interpret scientific data. 3. Use laboratory equipment, such as a microscope, correctly and safely. 4. Identify the anatomical components of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, illustrations, or cadaver specimens. 5. Describe the functional characteristics of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, illustrations, or cadaver specimens. 6. Analyze the physiological processes of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. 7. Analyze the physiological processes of fluid and electrolyte balance and acid base balance in the human body. 8. Analyze heredity and genetic control.
College-Wide Student Learning Outcomes measured (General education courses only)	
Program Student Learning Outcomes measured	<ol style="list-style-type: none"> 1. Provide students with an understanding of the role of science in society and the ethical conduct of science.