

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	動物生理學專論	Serial No. / ID	1084 / MBR5010
Dept.	分子生物科技學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	黃尉東	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(四)234 / J505	Language	Chinese

Introduction
<p>This course is intended for the one-semester Biology course often taken by allied health and other biology students. The beginning chapters introduce basic chemical and biological concepts to provide students with the framework they need to comprehend physiological principles. The chapters that follow promote conceptual understanding rather than rote memorization of facts. Health applications are included throughout to heighten interest, deepen understanding of physiological concepts, and help students relate the material to their individual career goals. Every effort has been made to help students integrate related concepts, and understand the relationships between anatomical structures and their functions.</p>

Outline
<ol style="list-style-type: none"> 1. Course Introduction 2. Cell structure and Energy metabolism 3. Introduction to Human Body 4. Tissues, Glands and Membranes 5. The Integumentary System 6. The Skeletal and Muscular Systems 7. The Endocrine System 8. The Endocrine System 9. Midterm Exam 10. The Reproductive System 11. The Reproductive System 12. The Nervous System 13. The Nervous System 14. The Digestive System 15. Apoptosis and Cancer 16. Class Report (SCI paper) 17. Class Report (SCI paper) 18. Final Exam

Prerequisite
General Biology, Animal Physiology