

Demonstration School of Suan Sunandha Rajabhat University
English Program Semester 2 Course Curriculum - Academic Year 2017
M.5/1 Biology 3 SCI 32243

Course Focus: Students are expected to have cumulative understanding of each topic at the end of the course. An initiative interactive student role is advised to help brainstorm in order to understand the content in detail.

	In Class Cumulative Score	Points	Total Points
1	Class Attendance	10	60
2	Class Manners <ul style="list-style-type: none"> • Pay attention • Inappropriate conduct such as playing on mobile phones, tablets, etc... will result in point(s) deduction. Note: Mobile phones will be permitted for searches in accordance to specific assignments/class activities <u>once announced at specific timepoint(s)</u> .	10	
3	Presentation in groups (individual scores for each student) Group Session – problem solving	10	
4	In class assignment	10	
5	Test	10	
6	Extra-curriculum class activities (to be announced)	10	
7	Midterm	20	40
8	Final	20	
9	Extra Credit will be considered based on quality of work	0-10	
	Passing Score	60 %	

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	Topics Covered	Details
1	Plant Reproduction	Sexual Reproduction in flowering plants Structure of flower and flowering plants Seedling Asexual Reproduction Plant growth
2	Animal Reproduction Animal Development and Growth	Asexual Reproduction Sexual Reproduction <i>In vitro</i> fertilization Embryogenesis
	Midterm Exam	Cover up to topics 1 and 2
3	Sensory and Stimulus-Response	Nervous System response to stimuli Central Nervous System (CNS) - Brain and spinal column Peripheral Nervous System (PNS) - Cranial and spinal nerves, ganglia, and sensory receptors Sympathetic Nervous System Autonomic Nervous System Sensory System
4	Endocrine System and Ductless Glands Endocrine System and hormones	Ductless gland and hormonal production in animals Hormones and hormonal function Mechanism of hormone produce from ductless glands/Endocrine signaling
	Final Exam	Cover up to topics 3 and 4

Reading and Study Material:

1. Reading material provided for specific topics discussed
2. Power Point lecture notes will be provided
3. Campbell Textbook (equivalent textbook may be used)