

GRANDE PRAIRIE REGIONAL COLLEGE

SCIENCE DEPARTMENT

COURSE: ZOOLOGY 2520 - THE INVERTEBRATES I
THE LOWER INVERTEBRATES AND PROTOSTOMES

SECTION: Fall 42 Lecture Section A2 (MWF 1300-1350)
Lab Section L1 (M 1500-1750)

TRANSFERABILITY: U of A - Zoology 252 (3)
U of C - Senior Zoology (3)
U of L - Zoology 3xxx (3)

INSTRUCTORS: Mr. Terry R. Shewchuk
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DESCRIPTION: Zoology 2520 is a comprehensive examination of the lower invertebrate phylae and the protostomes. Each invertebrate group will be discussed with regard to taxonomic status, characteristics, adult body form, feeding, osmoregulation, excretion, movement, coordination, respiration, circulation, coelom, reproduction, encystment, fossil record, economic importance, habitat, and important life cycles.

REQUIREMENTS:

A. Since presence at lectures and laboratories, participation in classroom discussion and projects, and the completion of assignments are important components of this course, students will serve their interests best by regular attendance. Those who choose not to attend must assume whatever risks are involved. In this connection, the attention of the students is directed to the Academic Guidelines of the College.

B. MidTerm Exam

C. One final Lecture Exam (Scheduled by the Registrar's Office during Fall Term Exam Week)

D. Final Lab Exam

E. Occasional Lecture and Lab Quizzes and Reports

*See ZO2520
for detailed lecture
outline*

EVALUATION:	A. Lecture/Lab Quizzes	- 15%
	B. MidTerm Exam	- 25%
	C. Final Lab Exam	- 20%
	D. Final Lecture Exam	- 40%

RESOURCES: Elson, L.M. 1982. The Zoology Coloring Book. Fitzhenry and Whiteside Limited.

Barnes, Robert D. 1986. Invertebrate Zoology. Saunders.

WK	LABS	MON	TUES	WED	THURS	FRI	WK
1		A-31	S-1	2 INTRO	3	4 INTRO	1
2		7 NO CLASS	8	9 PROTOZOA	10	11 PROTOZOA	2
3	INTRO/ PROTOZOA	14 PROTOZOA	15	16 PROTOZOA	17	18 PORIFERA	3
4	PROTOZOA	21 PORIFERA	22	23 PORIFERA	24	25 CNIDARIA	4
5	PORIFERA	28 CNIDARIA	29	30 CNIDARIA	0-1	2 CTENO-PHORA	5
6	CNIDARIA	5 PLATY-HELM'S	6	7 PLATY-HELM'S	8	9 PLATY-HELM'S	6
7	NO LAB	12 NO CLASS	13	14 PLATY-HELM'S	15	16 PLATY-HELM'S	7
8	PLATY-HELM'S	19 PLATY-HELM'S	20	21 PLATY-HELM'S	22	23 MID TERM	8
9	PLATY-HELM'S	26 NEMATODA	27	28 NEMATODA	29	30 NEMATODA	9
10	NEMATODA	N-2 NEMATODA	3	4 NEMATODA	5	6 NEMATODA	10
11	NEMATODA	9 NEMATODA	10	11 NO CLASS	12	13 NEMATODA	11
12	ECHINO-DERMS	16ECHINO-DERMS	17	18ECHINO-DERMS	19	20ECHINO-DERMS	12
13	ECHINO-DERMS	23ECHINO-DERMS	24	25ECHINO-DERMS	26	27ECHINO-DERMS	13
14	LAB EXAM	30 OTHERS	0-1	2 OTHERS	3	4 OTHERS	14
15		7 OTHERS	8	9 OTHERS	10 EXAMS BEGIN	11	15