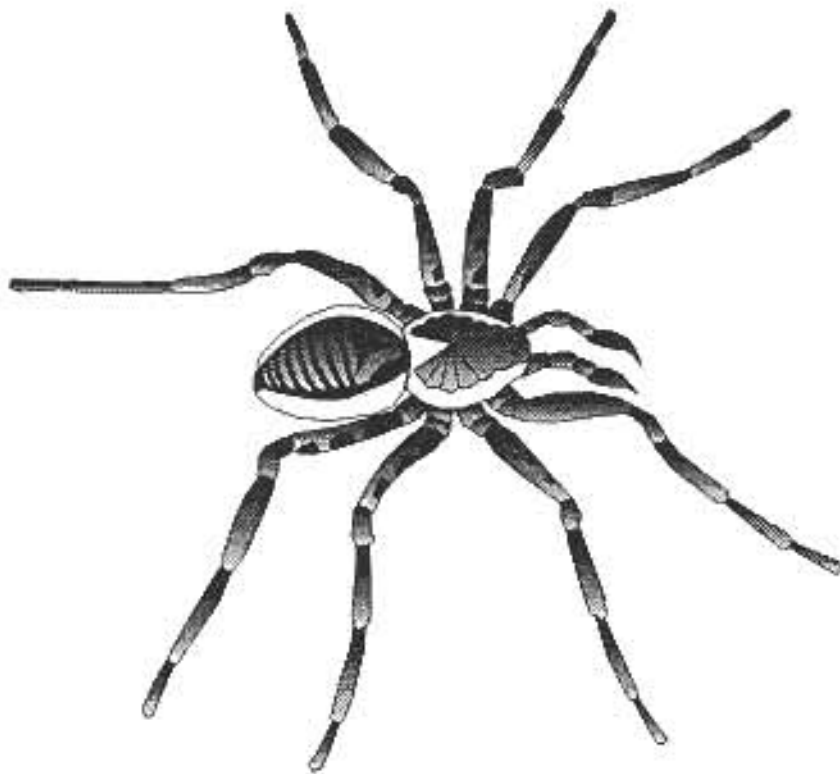


*Dept. of Science & Technology  
Grande Prairie Regional College*

**ZO 2500  
Survey of the Invertebrates**

**Course Outline  
✓ 1998-99**



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## ZO 2500 COURSE OUTLINE

### SCHEDULE:

Classes - Monday, Wednesday, Friday 1300-1350

Labs. - Thursday 1500-1750

### TRANSFERABILITY:

ZO 250 (University of Alberta)

Senior Zoology (University of Calgary)

ZO 3800 (University of Lethbridge)

### PREREQUISITE:

BI 1080 or ZO 1200

### DESCRIPTION:

Zoology 2500 is a general introduction to the functional anatomy and life-cycles of the major invertebrate taxa. Topics covered will include the classification, functional morphology and life-cycles of the protozoans, poriferans, cnidarians, platyhelminths, pseudo-coelomates, echinoderms, annelids, molluscs and arthropods.

Laboratories are correlated with the lecture material, and procedures will include major dissections and observation of living and preserved demonstration material.

### REQUIREMENTS:

Since presences at lectures and laboratories, participation in classroom discussions and projects, and the completion of assignments are important components of this course, students will serve their best interests by regular attendance. Those who chose not to attend must assume whatever risks are involved. In this regard, the attention of students is directed to the Academic Guidelines of Grande Prairie Regional College.

ZO 2500  
COURSE OUTLINE

<b><u>EVALUATION:</u></b>	Lecture / Lab quizzes	20%
	Mid-term Exam	20%
	Final Lab Exam	30%
	Final Lecture Exam	30%

**TEXT-BOOK:** "Zoology -Volume III The Animal Kingdom"  
Stephen A. Miller & John P. Hartley  
W.C. Brown Publishers ( 1994)

**OTHER RESOURCES:** "The Zoology Colouring Book"  
Elson  
Fitzhenry and Whiteside Limited

"The Invertebrates - A new synthesis"  
Barnes, Calow and Olive  
Blackwell Scientific Publications

"Living Invertebrates"  
Pearse, Pearse, Buchsbaum and Buchsbaum  
Blackwell Scientific Publications

"Beck and Braithwaite's Invertebrate Zoology -  
A Laboratory Workbook"  
Wallace *et al*  
Macmillan Publishing