

(Mount on the inside cover of your notebook.)

A & P 201 LAB SCHEDULE

page 8

Course #: 34-BIOL-201 David B. Fankhauser, Ph.D.
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LABORATORY OBJECTIVES: To learn and understand the histological classification and purposes of the various tissues, the structure and functioning of the integumentary system, the components of the skeletal system and their features and articulations, the major muscles of the muscular system, their origins, insertions, and actions. Study will include tissue sections to demonstrate the functioning of these systems, disarticulated skeletons and cat dissections.

REQUIRED EQUIPMENT: 1) Pen, permanent black: **Pilot Precise V5**, Uniball Micro, or Tombo Very Fine
 2) Notebook, **graph-lined** bound Composition, **10 x 7 7/8**
 (All notes taken during Lab should be entered *directly* into this book.)

TEXTS: SG is required. These should be brought to lab on Thursday as marked below:

SG: Gilbert, S.G. *Pictorial Anatomy of the Cat* Rvsd U.Wash. Pr. (1991).
VE: Eroschenko, V.P. *di Fiore's Atlas of Hum Histo* 9th Ed Wlms&Wilk (1999).
KE: Kapit & Elson *The Anatomy Coloring Book* 2nd Ed HarperCollins (1993).

The library has all optional texts on reserve and videotapes on selected topics

| THUR | TOPIC AND REQUIRED HANDOUTS | V.Erosch | Gilbert | K&Elsn |
|-------|--|------------------|------------|---------------|
| 9/24 | A&P 201 Lab Schedule LAB NOTEBOOK PROCEDURE TABLE OF CONTENTS FORMAT CONTACT PAPER USE Sample Notebook Grade Sheets NOTEBOOK ILLUSTRATIONS THE BINOCULAR MICROSCOPE & GRDSHT USING AND EVAL. THE MICROSCOPE BUCCAL SMEAR (sim. to vaginal smear) | 3, 326-327 | | 5 |
| 10/1 | A&P 201 Slide Index (Tissues to Muscles) EPITHELIAL TISSUES LAB | 9-27 | | 5 |
| 10/8 | CONNECTIVE TISSUES LAB | 29-39 | | 6 |
| 10/15 | CARTILAGE HISTOLOGY LAB INTEGUMENTARY SYSTEM NOTEBOOKS DUE AT END OF LAB | 40-46 136-149 | | 7 161 |
| 10/22 | NB returned: 10/15/09 Notebook Grade Sheet BONE HISTOLOGY BONES & FEATURES OF SKULL | 47-60 | | 7, 19- 20 |
| 10/29 | A&P Dissection kit check list DISSECTION OF CAT I: SKINNING | | 16-17 | |
| 11/5 | FEATURES OF SELECTED BONES | | | 17, 21-32 |
| 11/12 | FEATURES OF MAJOR JOINTS (M:256-271) Muscle Histology | 74-85 | | 33-34 9,11 |
| 11/19 | MUSCLES OF THE HEAD & TRUNK NOTEBOOKS DUE | | 3 17-29 | 38-52 |
| 11/26 | THANKSGIVING! (Turkey bones & joints!) | | | |
| 12/3 | Notebooks returned, discussed. Mount 11/19/09 NB Gradesheet in Winter NB MUSCLES TO IDENTIFY IN THE CAT: LOWER APPENDAGES | | 30-36 | 53-60 |