Clinical Pathology Elective

Weeks 1-2: 8:00 a.m. – 12:00 p.m.
(20-40 students)

Weeks 13-14: 9:45 a.m. – 11:45 a.m.
(10-30 students)

Class does NOT meet on Memorial Day if it falls in the weeks 1-2 rotation.
Goals: Clinical competencies

Given case data/slides
- Develop concise problem list
  - Condense data into major problem(s) relevant to THIS patient
  - Understand pathophysiologic mechanisms
- Develop list of differential diagnosis
- Develop diagnostic plan
- Summarize & communicate cases
- Make mistakes!
  - Recognize, correct & learn from errors
Topics

- Hematology: anemia, leukogram, cytopenias
- Biochemical profiles: organ function, acid-base, electrolytes, minerals, endocrine
- Urinalysis
- Coagulation
- Cytologic evaluation (fluids, lymph nodes, inflammation, tumors)
- Other topics
Materials

- Case data (canine, feline, bovine, equine)
- Multi-headed scope reviews
- Microscopic evaluation in pairs
  - Glass slides (hematology & cytology)
  - Preserved urine sediments
Expectations

- Arrive on-time
- Prepare for class
- Participate in discussions
- Ask questions early and often!