**CLINICAL MICROSCOPY INCLUDING LAB. 2013**

**Department of Medical Technology, NCKU**

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**No. Date(M/D) Topic**

1. **2/19 Introduction to Clinical Microscopy and Urinalysis**

**Safty in clinical lab**

**Urinalysis**

**2 2/26 Urinalysis I**

**3 3/5 Urinalysis II**

**4 3/12 Urine sediment I**

**Automation of urinalysis**

**5 3/19 Light microscopy**

**\**Light microscopy (Lab I)***

**6 3/26 Seminar: Standardization of urine sediment and**

**body fluid microscopy**

**\*Urine sediment and body fluid observation *(Lab II)***

**7 4/2**

**8 4/9 \**Urinalysis (Lab III)***

**9 4/16 Disease of kidney and urinary tract**

**10 4/23 Midterm exam**

**11 4/30 \**Urinalysis (Lab IV)***

**12 5/7 a. Fecal analysis**

**b. Body fluid analysis**

**13 5/14 a. Cerebrospinal fluid analysis**

**b. Amniotic fluid analysis and pregnancy test**

**14 5/21 Seminal fluid analysis and assisted reproduction**

**technology**

**15 5/28 Body fluid cytology**

***\*Body fluid cytology (Lab V)***

**16 6/4 \**Fecal analysis, CSF, body fluids, sperm analysis,***

***pregnancy test (Lab VI)***

**17 6/11 Student presentation**

**18 6/18 Final exam**

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**Textbook:**

**2. Strasinger S.K. (2008) 5th edition. Urinalysis and Body Fluid, FA Davis Company**

**3. Chu Su, Yu (2011) 2nd edition. Atlas of Clinical Microscopy.**

**Grading policy: Midterm exam (35%), Final exam (30%), Presentation (10%), Lab. Pre-test (10%), Lab. Report and Performance (15%)**