Y34 Clinical Pathology  
Course ID: MED 797AT/997AT  
Discipline: Medical  
Prerequisites: 8 or more weeks of core clerkships.  
Available Sites: Detroit (Ascension St. John Hospital), Midland, Mount Pleasant, Saginaw  
Duration: 4 weeks only in Detroit, 2 or 4 weeks in Midland and Mount Pleasant, 2 weeks only in Saginaw

Description  
Students will gain experience working in clinical laboratory and pathology department. Through the perspective of the hospital laboratory and pathology service, the student will be exposed to laboratory test interpretation, diagnostic interpretation of surgical pathology, cytopathology techniques. In addition, student will discuss prognostic value of techniques such as cytopathology and flow cytometry analysis.

Key Objectives  
- Observe and describe gross findings in organs  
- Differentiate normal and abnormal gross findings  
- Recognize the microscopic characteristics of common diseases  
- Correlate clinical manifestations of the patient with cytologic or histologic changes  
- Formulate a final diagnosis based on clinical history, cytologic or histologic findings, ancillary studies and laboratory results  
- Describe the impact of common population screening tests such as PSA and lipid screening on disease prevalence and severity  
- Through the regular attendance of morbidity/mortality conference and tumor board, seek ongoing improvement of medical knowledge and patient care practices.  
- Describe the role of the clinical pathology and laboratory medicine service in the community setting.  
- Describe the evolving role of telepathology and its potential impact on community and rural practice.  
- Demonstrate effective communication among the laboratory medicine team  
- Observe and demonstrate effective communication strategies for the exchange of diagnostic and prognostic information to consulting providers

Assessment Method  
College of Medicine standard elective assessment will be completed by supervising faculty at conclusion of elective clerkship.

Scheduling Information  
Interested students should contact CMU College of Medicine Department of Distributed Clinical Education at CMEDDCE@cmich.edu.