

**Name of Course: Infectious Disease**

**Course number:** 8-141

**Offered by:** Jason D. Maguire, CDR, MC, USN  
Chief, Infectious Disease Division  
Naval Medical Center  
Charette Health Care Facility  
Portsmouth, VA 23708  
(757) 953-5179

**Periods Offered:** Continuous

**Duration:** 4 weeks

**Number of Students:** 1-2

**Student Level:** 2 or 3

**Night Call:** no

**Prerequisites:** Medicine Clerkship

**Other Participants:** Vince Barthel, LCDR, MC, USN  
Sugat Patel, LT, MC, USNR

**Report First Day:** Internal Medicine Office  
Building 2, 2<sup>nd</sup> floor

**Course Description:** Student will participate in daily inpatient rounds, attend daily medicine conference, attend infectious disease conferences, evaluate new inpatient consults, and participate in outpatient HIV and general infectious diseases clinics and travel medicine clinics. Students will also receive hands on training on the microscopic diagnosis of parasitic diseases.

**Distribution of Student's Effort:** Patient contact: 80% inpatients, 20% outpatients  
15 hrs/wk rounds; 5 hrs/wk conference/lectures;  
10 hrs/wk study/reading; 20 hrs/wk faculty contact

**Objectives:**

1. To learn how the appropriate use of antibiotics –relative spectrum, cost, toxicity, synergism, pharmco kinetics and adjustment of dose with renal insufficiency. To learn the appropriate focused evaluation and management of undifferentiated fever in the hospitalized patient, including fever of unknown origin, febrile neutropenia.
2. To learn the appropriate use of the microbiology laboratory and interpretation of results.
3. To learn to interpret gram stains and giemsa smears.
4. To learn the importance of prevention of and how to manage nosocomial infections.
5. To learn about the management of HIV infection.
6. To learn about travel medicine evaluations and counseling

**Evaluation:** 100% clinical observation