COURSE DESCRIPTION
This course is designed to provide the student an opportunity to participate in the laboratory evaluation and diagnosis of malignant and nonmalignant hematologic disorders. The student will be involved in the morphologic, histochemical and immunohistochemical, immunophenotypic, cytogenetic and molecular analyses of peripheral blood smear, bone marrow aspirate and biopsies and lymph node biopsies. Correlation of these data with the clinical history and physical findings will be emphasized.

COURSE OBJECTIVES
Learn to use a multidisciplinary, integrated approach to the diagnosis of hematologic disorders utilizing morphology, flow cytometry, classical cytogenetics and molecular analysis.

Be able to diagnose acute and chronic leukemias and determine cell lineage, to distinguish myeloproliferative and myelodysplastic disorders from reactive processes and be familiar with the protean manifestations of plasma cell dyscrasias.

INSTRUCTIONAL METHODOLOGY
Lectures - 2
Rounds/Discussions - 15
Patient Contact - none
Lab - 5
Patient Load - none
Call - none