

INGE 5016

Course Title INTRODUCTION TO MATERIALS CHARACTERIZATION

Course Description Study of the theory and practice of microcharacterization techniques, including optical microscopy, thermal analysis, electron beam diffraction, and x-ray and photon-induced interactions. Discussion of complementary surface analysis techniques. Identification of the most suitable characterization techniques for functional and nanostructured materials.

Credit Hours 3

Course Options Exchange..... No
Special Topic..... No
Type.....Normal
Offering Semester..... Always
Students can take this course multiple times.....No

Grading Schema Passing Grade D

Requisites INGE 3045 ó INGE 4001 ó INME 4107 or authorization of the Director of the Department.

Course Syllabus