

INGE 5005

Course Title STABILITY AND PROCESSING OF MATERIALS

Course Description Study of materials stability driven by thermodynamic and kinetic considerations. Analysis of phenomena that operate and regulate syntheses and materials processing at different scales. Study of solidification and gas phase processes based on energetics considerations. Control and prediction of materials processing based on interfacial phenomena.

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 4001 or INME 3045 or INME 4107 or authorization of the Director of the Department.

Course Syllabus