

Department of Materials Engineering

Indian Institute of Science

Courses for 2011-12

August 2011	January 2012
Core Courses	
MT 202 Thermo and Kinetics (TAA)	MT 243 Lab Experiments in Materials Engineering (Faculty)
MT 241 Structure & Characterization (RRN)	
Soft Core Courses	
MT 252 Science of Materials Processing (SSU / RR)	MT 209 Defects in Materials (KS)
MT 253 Mechanical Behaviour (SK)	MT 220 Microstructural Engg & Development ... (SK/DB/UR/PK)
MT 260 Polymer Sci & Engg – I (PCR / MGiridhar)	MT 231 Interfacial Phenomena (SS)
	MT 245 Transport Processes in Process Metallurgy (GSG)
Electives	
MT 218 Modeling & Simulations in Materials Engineering (SK / TAA)	MT 201 Phase Transformations (CS)
MT 235 Corrosion Technology (KAN)	MT 206 Texture & GB Engg (SSU)
	MT 213 Materials Physics (RRN)
	MT 225 Deformation and Fracture at Elevated Temperatures (AHC)
	MT 255 Solidification Processing (KC)
	MT 256 Fracture (VJ)
	MT 257 Finite Element Analysis ... (PK)
	MT 261 Polymer Sci & Engg - II (PCR)
	MT 306 Topics in Phys Met (TAA)

Note to ME students: If you do not have a BE or BTech degree in metallurgy / ceramics / materials, you must take MT 250 (Introduction to Materials Science and Engineering) as **an additional core** course.

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Note to the PhD and MSc(Engg) students:

- (a) You choose your courses in consultation with your advisor.
- (b) If you do not have a BE or BTech degree in metallurgy / ceramics / materials, you must register for MT 250 (3:0) Introduction to Materials Science and Engineering. However, it will **not** count towards your RTP, the Research Training Programme.