

Syllabus

	硕士、博士（包括硕博连读）				
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	<p>This course introduces the fundamental methodologies on materials processes modelling and numerical analysis. It covers topics of programming and simulation of heat transfer, stress and strain, phase transition, and creep in materials processes. To gain fundamental knowledge of numerical analysis of temperature distortion, microstructure and damage in materials process.</p> <p>4. To be exposed to industrial practices of engineering projects involves above phenomena.</p> <p>5. To gain skills in research with numerical simulation.</p>				

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