

# Information Form for SJTU Graduate Profession Courses

Basic Information	


Extended Information	

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Chapter	Content	Hours	Format	Instructor
<p style="text-align: center;"><b>Section One</b> <b>Momentum Transfer</b></p>	<p><b>Chapter One Fluid Properties</b></p>			
	<p><b>Chapter Two Fluid dynamics</b></p>			
	<p><b>Chapter Three Laminar Flow</b></p>			
	<p><b>Chapter Four Turbulent Flow and Special Flows in Materials Processing</b></p>			
<p style="text-align: center;"><b>Section Two</b> <b>Heat Transfer</b></p>	<p><b>Chapter Five Basic concepts and laws of heat transfer</b></p>			
	<p><b>Chapter Six Governing Equation of Heat Transfer</b></p>			

		<b>Chapter Seven Heat Conduction Analysis</b>		
		<b>Chapter Eight Convection Heat Transfer</b>		
		<b>Chapter Nine Radiant Heat Transfer</b>		
	<b>Section Three Mass Transfer</b>	<b>Chapter Ten Basic concepts and governing equation of mass transfer</b>		
		<b>Chapter Eleven Mass Transfer Analysis</b>		
	<b>Section Four Similarity Theory and Numerical Simulation of</b>	<b>Chapter Twelve Similarity Theory and Numerical Simulation of Transport Phenomena</b>		

	<b>Transport Phenomena</b>				