

Course Information					
Course Code	MT42	Credit Hours	32	Credits	2
(Course Name	Modern Surface Technolog				
(Course T pe					
Audience					
(Language of Instruction					
School					
Prerequisite					
Instructor		(Course Webpage	<a href="http://cc.sjtu.edu.cn/G2S/OC/Site/main/home/currentoc/66">http://cc.sjtu.edu.cn/G2S/OC/Site/main/home/currentoc/66</a>		
Description	<p>30 们</p> <p>全</p> <p>全</p> <p>PVD CVD</p>				
Description	<p><i>Modern surface technology</i> is a basic technology with wide and intensive contents and practicable values and also a burgeoning interdisciplinary subject. <i>Modern surface technology</i> is the basics of new materials; optics; optoelectronics and microelectronics etc. it has many indispensable applications in agriculture; biology; medicine and routine life. As a result, many countries in the world, in particular the developed countries, regard the surface technologies as the important technologies preferred to be developed. <i>Modern surface technology</i> is a selective special course established for the undergraduates of School of Materials Science and</p>				

	<p>Engineering and other relative specialities in Shanghai Jiao Tong University. However, it is also applicable to the graduate students who want to understand the fundamental knowledge of modern surface and technologies. Main goals of the course include:</p> <ul style="list-style-type: none"> <li>◆ To briefly introduce the fundamental concepts and theories; description the formation, classification, meaning and contents of modern surface and technologies.</li> <li>◆ To make the students have a basic understanding pertaining to the formation, present situations and developments of modern surface and technologies.</li> </ul> <p>To actively cultivate the innovation abilities and the abilities to combination theories and practices for the students.</p>			
course syllabus				
(Learning Outcomes	2	全		23
	2 4 4			
	3		4 2	
	4	全	2	

全

relationship  
bet  
learn  
outcom  
gradu  
require



2	3				
3	3				
4	4				
(Class Schedule	4				
Requirements	6				