

课程基本信息 Dcuke"Kphqt o cvkqp"

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*课程名称 Course Name	Modeling and control methodology for material processing				
*学分 Credits	2	*学时 Teaching Hours	32 (1 学分=16 课时)		
*开课学期 Semester	春季学期 Spring	*是否跨学期 Cross-semester?	否 No	跨 Spanning over 一个学期 Semesters (含夏季学期)。	
*课程类型 Course Type	专业选修课 Program Elective Course	*课程分类 Course Type	全日制课程 For full-time students		
*课程性质 Course Category	专业课 Specialized Course	课程层次 Targeting Students	博士课程 Doctoral Level		
*授课语言 Instruction Language	中文 Chinese	主要授课方式 Teaching Method	课堂教学 In class teaching		
*成绩类型 Grade	通过/不通过 Pass/Fail	主要考核方式 Exam Method	考查 Tests		
*开课院系 School	School of Materials Science and Engineering				
所属学科 Subject	材料加工工程学科 Materials Processing and Engineering				
负责教师 Person in charge	姓名 Name	工号 ID	单位 School	联系方式 E-mail	
	Chen Shanben		School of Materials Science and Engineering	sbchen@sjtu.edu.cn	
课程扩展信息 Gzvpgfgf"Kphqt o cvkqp"					
*课程简介 (中文) Course Description	200				
*课程简介 (English) Course Description	For students in the future in their dissertation topics and materials processing in the modeling and control of the process of modeling and control work to lay an automated and intelligent theoretical methods and technical basis.				
*教学大纲 (中文) Syllabus	Week	Content	Hours	Format	Instructor
	1		2		
	2		2		
	3		2		

	<p>[7]. , 1993</p> <p>[8]. : , 1993</p> <p>[9]. 1980</p> <p>[10]. “ ” 2000</p> <p>[11].</p> <p>[12]. “ ” 2006.1</p> <p>[13]. 1985</p> <p>[14]. 1985</p> <p>[15]. Chen S B, Lv N. “Research evolution on intelligentized technologies for arc welding process,”.Journal of manufacturing processes,"(Invited paper) vol..16 (2014) 109–122</p> <p>[16]. S B. Chen “On Intelligentized Welding Manufacturing”, Keynote Speaking at 2014 International Conference on Robotic Welding, Intelligence and Automation (RWIA'2014) Dec. 24-27, 2014, Shanghai, P. R. China, The Advances in Intelligent Systems and Computing, Springer Verlag, Vol. 363, pp3-34, 2015.</p>
<p>*课程资源 (English) Resources</p>	
<p>备注 Note</p>	