

**Course Name: Modern Technology and Equipment of Plastic Forming**

Course Information				
* Course Name	Modern Technology and Equipment of Plastic Forming			
* Credits	2	* Teaching Hours	32 1 =16	
* Semester	Spring	* Cross-semester?	No	Spanning over Semesters
* Course Type	Program Elective Course	* Course Type	For full-time students	
* Course Category	Specialized Course	Targeting Students	All graduates	
* Instruction Language	Chinese	Teaching Method	In class teaching	
* Grade	Letter grading	Exam Method	Other	
* School	050 School of Material Science and Engineering			
Subject	Material Science and Engineering			
Person in charge	Name	ID	School	E-mail
Course Description				
* ( ) Course Description	200			

* English Course Description	Metal forming is a basic course of metal plastic deformation technology and methods. This course includes the analysis and discussion of several basic plastic forming processes. It will describe the basic processes and dies of plastic forming technology and the key points in metal material forming. It will focus on the relationship between material properties and material processing properties, and the impact of each process on the environment and cost. The aim is to develop students' ability to design and optimize the forming processes for complex metal parts based on environmentally friendly and sustainable development.				
* ( ) Syllabus					
* English Syllabus	1		2	Teaching	Yu Huping

	2-3		4	Teaching	Yu Huping
	4-5		4	Teaching	Yu Huping
	6		2	Teaching	Yu Huping
	7-8		4	Teaching	Yu Huping
	9		2	Teaching	Liu Juan
	10		2	Teaching	Liu Juan
	11-12		4	Teaching	Liu Juan
	13-14		4	Teaching	Liu Juan
	15-16		4	Teaching	Liu Juan

		50			
*	1	25%			
	2	25%			
Requirements	3	PPT	25%		
	4	25%			
*	English Requirements				
*	Resources				
*	English Resources				
	1) Gao Jinzhang, Plastic forming technology and die design, China machine press 2) Wang Xiaopei, Stamping manual, China machine press 3) Wang Zutang, Forging technology, China machine press 4) Lv Yan, Forging technology, China machine press 5) Xia Jushen, Precision plastic forming process, China machine press				
Note					