



Kursangebot – Stand WS 2017

- Mechanical Engineering -

Course Name	Instructor	Term: Spring (S) / Fall (F)	In-Class Sessions per Week	Duration of In-Class Session (in minutes) 1 class hour=45 min	Estimated Weekly Work Load out-of-class (projects, papers, homework)
Machine Design Process	Jingshan Zhao	F	3 class hours	45*3=135	Up to 6 class hours
Manufacturing Technology I	Wang Hu	F	3 class hours	45*3=135	Up to 6 class hours
Manufacturing Technology II	Shi Wei	S	3 class hours	45*3=135	Up to 6 class hours
Welding Technology I: Welding and Cutting Technologies	Zhao Haiyan	S	3 class hours	45*3=135	Up to 6 class hours
Fundamentals of Finite Element Method for Engineers	Chang Baohua	F	2 class hours	45*2=90	Up to 4 class hours
Engineering Materials	Chang Baohua	S	3 class hours	45*3=135	Up to 6 class hours
Tribology	Wang JiaDao, Shao TianMin	S	3 class hours	45*3=135	Up to 6 class hours
Computer-Aided Tissue Engineering (CATE)	Sun Wei	F	2 class hours	45*2=90	Up to 4 class hours
Numerical Simulation of Manufacturing Processes	Wang Gang, Rong YiMing	S	2 class hours	45*2=90	Up to 4 class hours
Advanced control of mechatronic systems	Zhang Zhen	F	2 class hours	45*2=90	Up to 4 class hours



Introduction to Advanced Medical Device Design and Fabrication	Tao Xu	F	2 class hours	45*2=90	Up to 4 class hours
Laser Application	Wenpeng, Reinhart Poprawe	S	2 class hours	45*2=90	Up to 4 class hours