



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 |
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| 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 |



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|----------------------------------------------------------------|------------------------------------------|----------|----------------------|----------------|----------------------------|
| 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 |