

Core Course List of Hanfeng Zhai

See full course list please contact me (hz253@cornell.edu) for transcript

Updated: October 10, 2021

Cornell University

MAE 6110: **Foundations of Solid Mechanics**, Herbert Hui
MAE 5350: **Multidisciplinary Design Optimization**, Maha Haji
MAE 6280: **Adaptive and Learning System**, Timonthy Sands

Shanghai University

Total credits earned: 301 | Total courses enrolled: 90 | WES credited GPA: 3.57

COMPULSORY & BASIC

Fundamentals of Computer Technology | Calculus | College Physics | Linear Algebra
College Chemistry | C/C++ Programming Language | Theoretical Mechanics

MECHANICS & APPLIED MATHEMATICS

Methods of Mathematical Physics, Dongqiang Lu (93/100)
Thermodynamics, Jiahong Guo
Mechanics of Materials, Zhansheng Guo (100/100)
Computation Methods in Science and Engineering, Yongqi Ma
Mechanics of Vibrations, Hu Ding
Computer Practice, Kai Li, Yongqi Ma, et al.
Experiment of Fundamental Mechanics, Jiemin Feng
Finite Element Method and Application, Yicheng Song (98/100)
Fluid Mechanics, Zhanbin Lu [*Fld. Mech. I*] (100/100), Daichin [*Fld. Mech. II*] (97/100)
Elastic Mechanics, Junqian Zhang (95/100)
Experimental Mechanics, Jiemin Feng
Introduction to Materials Science (94/100)
Structural Mechanics, Nenghui Zhang
Machine Learning and Mechanics, Guohui Hu (95/100)
Advanced Dynamics, Zeqi Lu (91/100)
Theory of Plasticity, Bingbing An
CAD Application in Structural Mechanics, Bingbing An
Fatigue and Fracture, Dongsheng Zhang
Computational Fluid Dynamics, Xiaoquan Yang. (97/100)