



University of Michigan

交大密西根学院

UM-SJTU Joint Institute



Shanghai Jiao Tong University

Lecturers for University Level Courses

The University of Michigan and Shanghai Jiao Tong University have established a Joint Institute in Shanghai committed to building a world-class academic institution with educational and research missions. The UM-SJTU Joint Institute invites applications for lecturers to support its mechanical and electrical/computer engineering programs. With its unique academic mission in China, the JI offers an extraordinary academic environment. The JI is modeled on world-class US universities. The students are among China's best.

Mathematics	Calculus, Linear Algebra, ODE/PDE, Engineering Mathematics, Numerical Methods, Discrete Mathematics, Statistics for Engineering
Physics	Physics for engineering students
Electrical Engineering	Circuits, Signals and Systems, Electromagnetics, etc. (All undergraduate EE classes in typical USA curriculum)
Computer Engineering	Object Oriented Programming, Data Structures and Algorithm, etc. (All undergraduate CE classes in typical USA curriculum)
Mechanical and Materials Engineering	Dynamics, Solid Mechanics, Fluids, Heat Transfer, Thermodynamics, Principles of Materials, etc. (All undergraduate courses in typical USA curriculum)
Other	Capstone design for ME and E/CE, Ethics and Professionalism, etc.

Responsibilities:

- Deliver up to 6 classes per academic year. Each class requires two 100-minute lecture periods per week for 15 weeks.
- Prepare and conduct classes. Design homework and supervise examinations.
- Guide TAs for recitation class and grading. Give help to students with difficulty.
- Maintain a course website containing the teaching materials and information.

Qualifications:

- Ph.D. degree in related field¹;
- Related teaching experience preferred;
- Fluent English (native speaker preferred);

Application Materials:

- CV and a cover letter to support your suitability for university teaching
- Teaching qualification certificate (if applicable)

Salary range:

170,000-260,000 RMB/year based upon qualifications and experience.

Interested applicants should send required materials by email or express mail to:

Email: umji-hr@sjtu.edu.cn (In the cover letter, indicate the position for which you are applying.)

Mailing Address:

HR Office, UM-SJTU Joint Institute
 Shanghai Jiao Tong University
 800 Dong Chuan Road
 Shanghai, 200240, P. R. China
 (Please mark the position for which you are applying on the envelope.)