Industrial Engineering is a broad discipline which encompasses education and basic/applied research concerning the design, improvement and installation of integrated systems of people, material, information, equipment and energy. The Industrial and Manufacturing Engineering Department offers both MS and PhD Degrees. The instruction and research in the Department of Industrial and Manufacturing Engineering is broadly organized into the following two areas: (1) Manufacturing Systems and Engineering, and (2) Quality Engineering and Industrial Systems. Current research interests include integrated product/process design, nanomaterials processing, composite material processing, quality and reliability engineering, data mining, set covering theory, artificial intelligence in engineering, precision machining and metrology, predictive maintenance, manufacturing system analysis and rapid prototyping.

Research Facilities
The Department of Industrial and Manufacturing Engineering is well-equipped and provides an excellent environment for instruction and research. The Department has seven laboratories: Affordable Composite Processing, Applied Robotics, Automated Systems, Ergonomics, Optimization and Simulation, Rapid Prototyping/Precision Manufacturing and Computer-Integrated Manufacturing. Students and faculty have access to the computing facilities on both campuses. FAMU participates in an Army-funded High-Performance Computing Research Consortium operated by the University of Minnesota. Students have direct access to the high-performance supercomputers located on the University of Minnesota campus. The Supercomputer Computations Research Institute (SCRI) is also located in Innovation Park. College of Engineering students have access to the supercomputers located in Innovation Park, which are operated by FSU's Academic Computing and Networking Services.

Financial Aid
Teaching and research assistantships are available on a competitive basis. Assistantship stipends range from $14,877 to $20,880 for full-time work (20 hours a week) an academic year. In addition, some out-of-state tuition waivers are available for graduate students with assistantships.

Cost of Study
Tuition in 2013-2014 academic year was $403.51 per credit hour for Florida residents, where as out-of-state students paid $1,004.85 per credit hour. The normal course load is 12 credit hours per semester (9 credit hours per semester for assistantship holders).

Living and Housing Costs
On-campus housing is available with rent starting at $355 per month. There are many off-campus residential complexes in Tallahassee with rent starting at about $500 per month.

Student Group
Current enrollment in the College exceeds 2,300 students. FAMU currently has over 12,000 students, while enrollment at FSU exceeds 39,000. Total combined graduate enrollment exceeds 8,000.

Location
Florida A&M University and Florida State University are each located in Tallahassee, the state capital of Florida. Although Tallahassee is among the nation's fastest-growing cities, it has managed to preserve its natural beauty. Five large lakes surrounding Tallahassee, as well as the nearby Gulf of Mexico, offer numerous recreational opportunities including canoeing, fishing, water-skiing and boating. The nearby Apalachicola National Forest provides an area for camping and hunting. Among Florida cities, Tallahassee is distinguished by its gently rolling hills and roads canopied by majestic oaks. Being the state capital city and having two major universities, Tallahassee offers a wide variety of cultural events.

The Universities
Both Florida A&M University and Florida State University are public, coeducational institutions founded in 1887 and 1851, respectively. The universities have great diversity in their cultural offerings and are rich in tradition. They have outstanding science departments and excellent academic units in such varied areas as law, music, theatre and religion. They are the homes of the renowned Rattlers and Seminoles.

Application
Applications should be submitted as early as possible in the academic year prior to anticipated enrollment. The deadline for applications for the Fall semester is April 1, while the deadline for applications for Spring semester is November 1. International students should apply by March 1 for Fall semester and October 1 for Spring semester because of the involved visa procedures.

Correspondence
Completed FAMU applications shall be submitted to: Completed FSU applications shall be submitted to: For Departmental information and Financial Support Application Forms:

Graduate Admissions Office Graduate Admissions Office Graduate Studies Assistant
Florida A&M University Florida State University Department of Industrial and
400 Tucker Hall A2500 University Center - Manufacturing Engineering
Tallahassee, Florida 32307 Tallahassee, Florida 32306 FAMU-FSU College of Engineering
Mail Code 1009 2525 Pottsdamer Street 2525 Pottsdamer Street
Tallahassee, Florida 32310-6046 Tallahassee, Florida 32310-6046

For more information, please visit our website at: http://www.ie.eng.fsu.edu/academics/index.html

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