

## A TRACK RECORD OF SUCCESS

VSU is one of the original participants of the Regents' Engineering Transfer Program (RETP). Since establishment of the program in 1987, more than 200 students have transferred from VSU to Georgia Tech (including RETP and other transfer students) and more than 90% of them have graduated or are in process of graduation from Tech. Every semester we offer several engineering courses related to various fields of engineering, specifically mechanical, civil, aerospace, and electrical engineering.

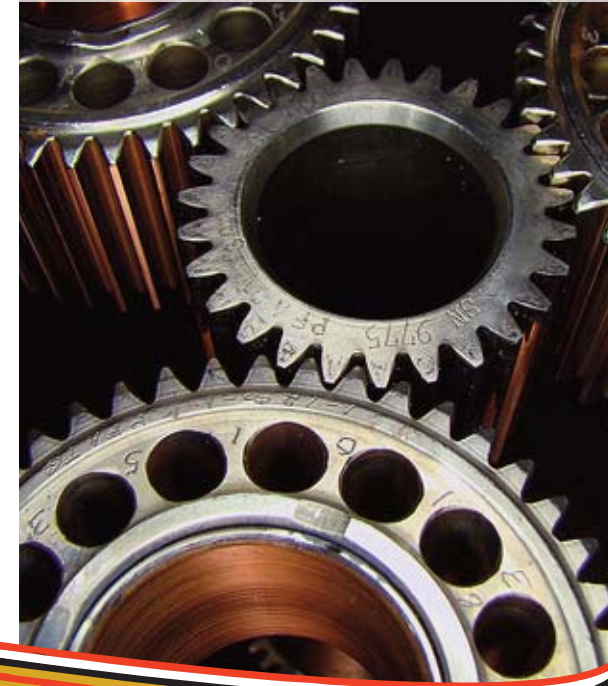
## ADDITIONAL INFORMATION

For additional information on Valdosta State University's Engineering Studies Program, please check our website at: [www.valdosta.edu/phy/engin/engineering.shtml](http://www.valdosta.edu/phy/engin/engineering.shtml)

## SOME COURSE OFFERINGS

ENGR 2010	Introduction to Engineering
ENGR 2200	Statics
ENGR 2310	Introduction to Signal Processing
ENGR 2320	Introduction to Computer Engineering
ENGR 2500	Engineering Graphics for Design
ENGR 3210	Dynamics
ENGR 3320	Circuit Analysis
ENGR 3220	Mechanics of Deformable Bodies
ENGR 4310	Thermodynamics
ENGR 4950	Directed Studies in Engineering

## ENGINEERING STUDIES PROGRAM



## WORDS FROM A FORMER STUDENT

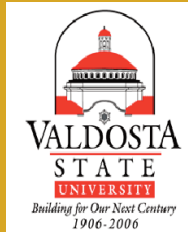
“Going to a small school my first two years made a lot of difference. At Valdosta State the classes in the engineering studies program were very small, which meant that the professor knew each student and took an active interest in the students' education. There was enough time for a professor to find out if each student understood the subject matter or needed help. One great advantage of the program for me was that I lived at home and saved money. When I came to Tech, my biggest adjustment was getting over the preconception that Tech is so hard; it really isn't.”

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Valdosta State University  
College of Arts and Sciences

## DEDICATED AND EXPERIENCED FACULTY

The Engineering Studies Program at VSU is part of the Department of Physics, Astronomy, and GeoSciences. Students have opportunity to develop a strong background in mathematics, physics and computers for a solid foundation in all fields of engineering.

The VSU engineering faculty have their terminal degree in engineering and years of academic research and industrial experiences. Not only are they highly qualified in their field of specializations, but they are also capable of teaching fundamental courses related to other engineering disciplines such as Bioengineering, Chemical, and Materials Science and Engineering. Every year, VSU engineering faculty supervise several students in undergraduate research projects related to engineering and students present their findings at various scientific meetings including VSU undergraduate research symposium.



## SMALL CLASSES AND MODERN EQUIPMENT

The freshman engineering classes at VSU generally have fewer than 35 students. Many sophomore and junior level classes in engineering have less than 15 students. Therefore, every student gets individual attention from the instructor.

Since January 2005, the engineering program has moved to a renovated area with state of the art class rooms, computer hardware and software, in-focus projectors and other audio visual systems, and laboratory equipments such as tablet-PC's, 3D printers, strain gage instrumentation, and a dimensional stability measuring instrument for evaluation and testing of engineering materials. In courses such as computer aided design (CAD), computational physics/engineering, and other computer related classes, each student gets hands on experience during class, and individual attention is assured in all laboratories and computer classes.



## GEORGIA TECH CONNECTION

The engineering transfer program at VSU is linked to Georgia Tech through the Regents' Engineering Transfer Program (RETP). A formal agreement exists with Georgia Tech so after successful completion of the program at VSU, engineering students will transfer to Georgia Tech. The courses taken at VSU are also transferable to other universities.

At VSU we offer engineering courses related to Aerospace, Civil, Computer, Electrical, Industrial, and Mechanical Engineering disciplines. However, students interested in other engineering fields such as Bioengineering, Chemical, Environmental Engineering, Materials Science and Engineering, and Nuclear Engineering can also take the core courses related to the first two years of their field of interest at VSU and then transfer to Georgia Tech or other universities.

