

DEPARTMENT OF ENGINEERING TECHNOLOGY

UNDERGRADUATE DEGREE PROGRAMS

Department at a Glance

ODU has a unique advantage of having both engineering technology and engineering programs. Engineering Technology Department offers baccalaureate programs in Civil, Electrical and Mechanical Engineering Technology with opportunities for specialization in multiple areas. All engineering technology programs rely heavily on hands-on experience and industrial practice. Math and natural science requirements are generally lower than engineering programs.

The primary goal of the Department of Engineering Technology is preparation of students for both short and long term career success in engineering and technical fields. Our Bachelor of Science in Engineering Technology (BSET) programs are developed specifically for students who desire a technical undergraduate education with an emphasis on solving actual work place problems. These programs provide an exceptionally strong foundation for applications of scientific and engineering knowledge and methods.

Engineering Technology education focuses primarily on analyzing, applying, implementing and improving existing technologies and is aimed at preparing graduates for practice in the product design, development, improvement, manufacturing, and support.

Programs are accredited by the Engineering Technology Accreditation Commission (ETAC of ABET), and graduates are eligible to the Fundamentals of Engineering Exam (FE) in Virginia and many other states. These exams are the first step to licensure as a professional engineer.

Degree Completion Options

Students can pursue their studies on the main campus in Norfolk in a traditional four-year program of study. Alternatively, many students complete an A.A.S. degree at a community college and finish the upper two years of baccalaureate study either on ODU's main campus or through the Distance Learning program.

Distance Learning courses are delivered to sites at industry locations and community colleges in Virginia and across the nation, and directly to students at home or in the workplace worldwide.

- Students can participate in live classes by television and two-way voice connections at selected sites.
- Streaming video allows students at home or work to participate in live classes.
- Recorded lectures allow students to access materials at all times and work at their own pace.



OLD DOMINION
UNIVERSITY

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Engineering
Technology
Accreditation
Commission



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**ODU - Engineering Technology
Department**

Civil Engineering Technology

The CET program currently offers three options, Construction Management, Structural Design, and Site Development. The CET program focuses on the application and practice of civil engineering principles. Graduates from our program will have the technical and managerial skills necessary to enter careers in planning, design, construction, operation, and maintenance of infrastructure systems. For more information, please contact the CET Program Director.

Professor Nestor Escobales, P.E.: nescobal@odu.edu



Electrical Engineering Technology



Electrical Engineering is a broad and challenging field and the Electrical Engineering Technology (EET) program at Old Dominion University offers two option areas that provide an excellent career foundation: Electrical Systems Technology and Computer Engineering Technology. These programs provide the broad skill set required for entry-level success and long term progression in these dynamic career areas. For more information, please contact the EET Program Director.

Dr. Ike Flory, Ph.D., P.E.: iflory@odu.edu

Mechanical Engineering Technology

The Mechanical Engineering Technology program offers Concentrations in Manufacturing Systems, Marine Systems, Mechanical Systems, Design Mechatronics Systems and Nuclear Systems. Students in these concentrations take common courses in areas such as computer-aided drafting, statics, strength of materials, dynamics, thermodynamics, fluid mechanics, automation and controls, and computer solid modeling. For more information, please contact the MET Program Director.

Dr. Cheng Lin, Ph.D., P.E.: clin@odu.edu



Transfer Credits and Articulation

The ODU Admissions Office evaluates transfer credits received from other institutions. To see how credit from another institution will transfer to ODU, visit Monarch Transferration, our online transfer equivalency database. Once you enter the system you will be prompted to select the state, institution (for VCCS schools select All Virginia Cmty Col System), subject and the course number to see how credits you have earned or plan to complete will transfer from other institutions to ODU.

If you are interested in transferring to ODU or are a current student who plans to take courses at another institution and have questions regarding transfer credit for courses that are not listed in Monarch Transferration and how that transfer credit would be evaluated or transfer to ODU, please contact Transfer Evaluation Services.

Graduate Degree Options

Engineering Technology graduates have a number of graduate study options. Many enroll in the ODU Masters in Engineering Management program on campus or through Distance Learning. Students may also pursue graduate degrees in other engineering disciplines.