

CONTROL AND INSTRUMENTATION ENGINEERING TECHNOLOGY



Bachelor of Science in Engineering Technology Control and Instrumentation Engineering Technology

The Control and Instrumentation Engineering Technology (C.I.E.T.) degree program at UHD is a unique program in the Department of Computer Science & Engineering Technology. Our mission is to provide high-impact educational experiences that engage students in and out of the classroom.

The focus of the CIET degree program is the application of computer-based technologies and modern electronics to industrial process control and instrumentation systems. The degree program produces graduates who have a sound foundation in the analysis, design, testing and implementation of:

- Control Systems
- Instrumentation
- Safety Systems

About the Program

The Bachelor of Science in Engineering Technology is a 120 credit-hour program that will prepare you to develop and expand professional careers in fields related to measurement and instrumentation technologies, process modeling and simulation, computer-based control systems, and industrial processes automation.

The B.S.E.T. in Structural Analysis/Design Option in Engineering Technology is accredited by the Engineering Technology Accreditation Commission of ABET. www.abet.org

UHD is accredited by the Southern Association of Colleges and Schools Commission on Colleges.

Getting Started

1. **Apply for Admissions**
applytexas.org
2. **Apply for Financial Aid**
fafsa.ed.gov
3. **Fulfill Testing Requirements**
uhd.edu/testing
4. **Get Advised and Register**
uhd.edu/academics/advising
5. **Pay for Classes**
uhd.edu/students-resources/cashiers
6. **Prepare for Class**

For more information, visit:
uhd.edu/admissions/apply

Median Salary

According to the U.S. Department of Labor Bureau of Labor Statistics (BLS), the 2016 national average salary for: Control and Instrumentation Engineer is **\$96,270**; Electrical Engineer is **\$98,620**; Industrial Production Manager is **\$97,140**; Power Plant Operator is **\$78,370**; Process Control Engineer is **\$84,310**.

Earn Your Degree

- Downtown

Contact

University of Houston-Downtown
713-221-8089 • cset@uhd.edu
uhd.edu/CIET

Affiliated Student Organizations

The goal of the UHD Chapter of **International Society of Automation** is to help members with many academic and career-building requirements.

The **Society of Women Engineer's (SWE)** mission is to further enhance the life-long learning and experiences of our future women engineers in areas such as leadership, teamwork, community involvement, and interpersonal communication to better prepare for a successful career.

The **American Society of Safety Engineers** at UHD promotes the advancement of safety professions in the health, safety and environmental industry.



Career Options

Control and instrumentation engineering technologists are among the most sought-after professionals in the Houston area due to the growing demand from process industries (petrochemical and oil refining), power companies, and energy industries. The C.I.E.T. curriculum is designed to prepare students for careers in a wide range of industries:

