



University of Houston-Downtown
College of Sciences & Technology
MAJOR MAPS



Bachelor of Science Degree in

Control and Instrumentation Engineering Technology

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
TAKE THE RIGHT CLASSES (SUCCESS MARKERS)	Begin with your Core Curriculum Courses. Enroll in EET 1411 in your first semester and ENGR 1333 in your second semester.	Continue taking Core Curriculum Courses. Enroll in 2000-and 3000-level ENGR and EET courses.	Ensure you are taking a good mix of CIET required and elective courses.	Time for Senior Project and completing any required or elective courses. Don't forget to register for graduation!
TALK TO YOUR ADVISOR	Meet with your Freshman/Sophomore advisor in the CST before registration.	Meet with your Freshman/Sophomore advisor. Ask your advisor about the benefits of Study Abroad courses.	Meet with your departmental advisor once you reach 45 credit hours. Check for upcoming CSET events.	Meet with your departmental advisor and review your graduation audit once you reach 90 credit hours.
YOUR MAJOR IN ACTION 	Get to know your faculty. Take part in professional development opportunities in the College.	Find a peer and/or faculty mentor. Continue to engage by attending CSET events on campus.	Seek out courses and opportunities that fit your career aspirations. Talk to faculty and advisors about how to engage in this career field.	Continue to take courses and engage in professional development to build the skill set needed for your future career.
GET INVOLVED	You can join the ISA and SWE UHD Student Chapters as a freshman.	If you haven't joined yet, get involved in a student organization. Begin building your resume. Look for work-study opportunities.	Participate in job fairs, recruiting events, and other networking events.	Continue to engage in campus activities. Join a student organization if you haven't already. Stay involved!
GET HIP (HIGH IMPACT PRACTICES)	Seek out course sections that are A+CE designated or designated as service learning.	Begin to obtain career advising in the Department. Think about internships.	Utilize UHD's Main Career Center resources. Continue service learning. Look at Study Abroad options. Think about research with CIET faculty.	Work with CIET faculty on a research project. Maximize your degree impact.
LIFE AFTER GRADUATION	While you are now at the beginning, keep the finish line in sight!	Think about your career focus. CIET is a diverse field. What is the best fit for you?	Plan your course plan around your career goals. Emphasize your specialty areas.	Seek department career advising. Apply for jobs. The process may be lengthy.

Control Systems Engineer
 \$101,780

Electrical Engineer
 \$101,780

Process Control Engineer
 \$95,300

Industrial Production Manager
 \$103,150

Power Plant Operator
 \$94,790



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COLLEGE OF SCIENCES & TECHNOLOGY

College of Science & Technology

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TOP 10 SKILLS employers look for:

- Ability to work in a team Structure
- Ability to make decisions and solve problems
- Ability to verbally communicate with persons inside and outside the organization
- Ability to obtain and process information
- Ability to analyze quantitative data
- Technical knowledge related to the job
- Proficiency with computer software programs
- Ability to create and/or edit written reports
- Ability to sell or influence others



Jobs4Gators is the Main Career Center's online system that gives you direct access to find full-time, part-time and internship positions. Visit Jobs4Gators at: https://uhd-csm.symplicity.com/students/?signin_tab=0 where you can get your resume reviewed, request appointments with your career coach, RSVP for career events and job fairs, and much more. Launch your career plans with Jobs4Gators today.

CHECKLIST FOR SUCCESS:

- Create a Job Mine Account
- Check in with your advisor
- Review your degree plan to stay on track
- Attend science workshops and seminars
- Visit the Student Engagement & Leadership Center
- Seek out career advising.
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Notes: _____