

**SCIENCE, ENGINEERING & MATH**

Program Description: The Advanced Technical Certificate in Environmental Technology is for returning students who already possess an Associate of Science or Bachelor of Science degree in a natural science and have received program approval. It provides them with specialized training in environmental technology.

To receive an Advanced Technical Certificate in Environmental Technology, students must: (a) make a minimum of C in all required math and science courses and (b) have an overall GPA of 2.0 or greater.

Contact:

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Department Chair
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Department Website
sites.austincc.edu/ees

Use this **Program MAP** to choose courses with your advisor and track progress towards milestones and completion of program.

Pre-Degree Requirements		
Program Specific	Reading and Writing Placement <i>Placements based on TSI</i>	Mathematics Placement <i>Placements based on TSI</i>
	<input type="checkbox"/> Basic Developmental Courses <input type="checkbox"/> ESOL Courses <input type="checkbox"/> INRW Courses	<input type="checkbox"/> NCBM and MATD courses paired with MATH courses <input type="checkbox"/> NCBM and MATD courses
SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS		
<i>Plans can be modified to fit the needs of part-time students by adding more semesters</i>		

Semester 1	CR	Advising Notes
EPCT 1444 – Environmental Sampling and Analysis	4	
Restricted Elective	4	Select from BIOL 1406, BIOL 1409, or BIOL 1424.
ENVR 1301 – Introduction to Environmental Science	3	With program approval, the student may receive transfer credit for a general course in environmental science, environmental studies, or natural resources.
CHEM 2323 – Organic Chemistry I - Lecture	3	Or students may take BIOL 2420 instead of CHEM 2323 and CHEM 2123.
CHEM 2123 – Organic Chemistry I - Lab	1	Or students may take BIOL 2420 instead of CHEM 2323 and CHEM 2123.
	15	Program Semester Hours / Meet with your advisor
Semester 2		
EPCT 2303 – Surface and Groundwater Collection	3	
GEOG 2470 – Introduction to Geographic Information Systems (GIS)	4	
EPCT 2488 – Internship - Environmental Engineering Technology/Environmental Technology	4	Capstone course. ACHIEVEMENT: Completion of Environmental Technology Advanced Technical Certificate
	11	Program Semester Hours
Total Program Hours		26

Please always check online at austincc.edu/catalog or meet with your academic or program advisor to ensure that you are viewing the latest and most accurate information.

Career & Transfer Resources

ACC's Career & Transfer websites provide detailed, guided information on career exploration and transfer.

www.austincc.edu/career; www.austincc.edu/transfer

For further information regarding this specific program, please see the Career & Transfer Resources supplement provided in the next section of this Program Map.

Program Map

Environmental Technology

Degree: Environmental Technology Advanced Technical Certificate (Level 4)

Career & Transfer Resources Updated 06/21/18

Career Information

The need for trained professionals to address environmental challenges is expected to grow faster than the average for all other occupations (US DOL 2016-2017).

Common Job Titles

Environmental Science and Protection Technicians (includes Environmental Health Specialist, Environmental Specialist, Environmental Technician, Laboratory Specialist, Laboratory Technician, Process Laboratory Specialist, Public Health Sanitarian, Sanitarian, Water Quality Analyst, Water Quality Specialist)

Regional Labor Market Information

Environmental Science and Protection Technicians: New workers generally start around \$27,824. Normal pay for Environmental Science and Protection Technicians is \$40,029 per year, while highly experienced workers can earn as much as \$52,449. Over the last year, 85 companies have posted 322 jobs for Environmental Science and Protection Technicians in the Austin Region. There are currently 495 Environmental Science and Protection Technicians that are employed in Austin-Round Rock, TX.

Career and labor market research tools (see Quick Reference Guide at <http://www.austincc.edu/career>):

EMSI: <https://austincc.emsicc.com/>, Bureau of Labor Statistics: <http://www.bls.gov/ooh/>, O*NET: <https://www.onetonline.org/>

Career Resources: ACC's career services website provides information on career exploration and employment at <http://www.austincc.edu/career>. Students are encouraged to consult with their [area of study advisor](#) for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an ACC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.

Transfer Information

The Advanced Technical Certificate in Environmental Technology is for returning students who already possess an Associate of Science or Bachelor of Science degree.

Additional Transfer Resources: Information on additional colleges and universities can be found on ACC's transfer website: <http://www.austincc.edu/transferguides>. Students are encouraged to consult with a faculty advisor, area of study advisor, and/or their chosen transfer institution to ensure courses taken at ACC will apply toward their bachelor's degree program.