

## Environmental Science eMAP

Text only eMAP

### Important!

- All online classes require one on campus visit per term
- Set up and activate your Student CTC E-mail account
- Register for Eagle Alert
- CTC Department of Public Safety: (770)-529-2311

### **START HERE: Program of Study: Degree**

Complete any Learning Support courses. Then:

#### Core Classes

MATH 1111 – College Algebra – 3 hrs.

OR

MATH 1103 – Quantitative Skills and Reasoning – 3 hrs.

ENGL 1101 – Composition and Rhetoric – 3 hrs.

Core Area II – Social/Behavioral Sciences – 3 hrs.

Core Area IV – Humanities/Fine Arts – 3hrs.

BIOL 1111/1111L – Biology I and Lab – 4 hrs.

OR

BIOL 2107/2107L – Biological Principles I and Lab – 4 hrs.

#### Occupational Courses

ESCI 1010 – occupational Safety & Health Regulations – 3 hrs.

ESCI 1080 – Survey of Environmental Ethics – 3 hrs.

ESCI 2000 – Watershed Hydrology – 3 hrs.

ESCI 2010 – Ecology Fundamentals – 3 hrs.

ESCI 2150 – Stormwater and Erosion Control – 4 hrs.

ESCI 2160 – Environmental Toxicology – 3 hrs.

Must petition to graduate 2 semesters prior to expected graduation date Receive an: Associate of Applied Science Degree in Environmental Science Technology.

#### Specialization Courses

ESCI 1020 – Introduction to GIS – 3 hrs.

ESCI 1100 – Introduction to Environmental Engineering and Science – 3 hrs.

ESCI 1150 – Water Treatment Processes and Distribution Systems\* – 4 hrs.

ESCI 1160 – Introduction to Wastewater Treatment\* – 4 hrs.

ESCI 2020 – Water Distribution Systems, Backflow Prevention, and Cross-Connection Controls\* – 4 hrs.

ESCI 2140 – Environmental Impact Analysis – 4 hrs.

\* These classes are approved by the Georgia State Board for certification purposes (licensure).

#### Approved Elective Courses

Chose One Course (Minimum 3 Credit Hours)

ESCI 1060 – Survey of Environmental Law – 3 hrs.

ESCI 1260 – Water Supply – 3 hrs.

ESCI 2100 – Environmental Technology Internship – 3 hrs.

UAST 1100 – Drone Applications – 3 hrs.

CHEM 1151/1151L – Survey of Inorganic Chemistry and Lab – 4 hrs.

CHEM 1200/1211L – Chemistry I and Lab – 4 hrs.

Receive an: Associate of Applied Science Degree in Environment Technology.

#### Embedded Technical Certificates of Credit:

Successful Completion of the following courses will earn the identified TCC:

##### Environmental Field Technician TCC

ESCI 1020 – Intro to GIS

ESCI 1100 – Intro to Env.

ESCI 2140 – Env. Impact Analysis

##### Water Quality Technician TCC

ESCI 1150 – Water Treatment

ESCI 1160 – Wastewater Treatment

ESCI 2020 – Distribution, Backflow, Etc.

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discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status (except in those of special circumstances permitted or mandated by law).

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