

Environmental Technology

Semester Course Outline • 2021 – 2022

20 Months (4 Semesters, 1 Summer Session) • Revised: 6/17/21

Associate of Applied Science (A.A.S.) Degree • Credits Required for Graduation: 67

* Optional exit point for Diploma

11 Months (2 Semesters, 1 Summer Session) • Credits Required: 35



Fall Semester

Course Number	Course Title	Clock Hours	Credits
ENV 100	Water Quality	84	3
ENV 102	Introduction to Environmental Technology	56	2
ENV 105	Instrumentation	28	1
ENV 107	Environmental Science	90	4
ENV 235	Regulatory Compliance I	30	2
<ul style="list-style-type: none"> Selected Communications Course (Choose one) CMST 101 – Fundamentals of Speech * (CSS 100 – Career Search Strategies .5 credit) COMM 101 – Communications and Career Strategies ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit) 		45	3
Total		333	15
Optional Course Available			
CHEM 106 CHEM 106L	Inorganic Chemistry Lecture Inorganic Chemistry Lab	90	4

Spring Semester

Course Number	Course Title	Clock Hours	Credits
ENV 110	Soil Science	84	3
ENV 115	Environmental Analysis	84	3
ENV 220	Water and Wastewater Technology	84	3
ENV 237	Regulatory Compliance II	28	1
AED 100	Automated External Defibrillator	14	.5
HAZ 100	Hazardous Materials Safety	14	.5
MICRO 231	General Microbiology	90	4
Total		398	15

Summer Session

Course Number	Course Title	Clock Hours	Credits
ENV 120	Internship I	300	5
Total		300	5

* **Exit point for Diploma Option:** An exit point is intended for those students who do not pursue the Associate of Applied Science (A.A.S.) Degree. These students will receive a diploma.

Second Year – Fall Semester

Course Number	Course Title	Clock Hours	Credits
ENV 203	Ecology	84	3
ENV 204	Geography	112	4
ENV 207	Permits and Grant Writing	28	1
◆ CSC 102	Windows Applications for Technicians	45	3
● Selected Behavioral Science Course (Choose one) PSYC 100 – Psychology of Human Relations PSYC 101 – General Psychology *		45	3
● Selected Mathematics Course (Choose one) MATH 100 – Applied General Math MATH 101 – Intermediate Algebra MATH 114 – College Algebra *		45	3
Total		359	17

Second Year – Spring Semester

Course Number	Course Title	Clock Hours	Credits
ENV 209	Statistics	28	1
ENV 210	Environmental Health	84	3
ENV 230	Internship II	180	3
ENV 240	Capstone Project	56	2
● Selected Communications Course (Choose one) CMST 101 – Fundamentals of Speech * (CSS 100 – Career Search Strategies .5 credit) COMM 101 – Communications and Career Strategies ENGL 101 – Composition * (CSS 100 – Career Search Strategies .5 credit)		45	3
● Selected Social Science Course (Choose one) ECON 105 – Leadership in the Global Workplace ECON 201 – Principles of Microeconomics I * ECON 202 – Principles of Macroeconomics II * SOC 100 – Introduction to Sociology *		45	3
Total		438	15

◆ Students who transfer in two credits in computer science will take CSC 101 – Computer Essentials for 1 credit.

● Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk (*) can be transferred directly to the university system and may be substituted for recommended courses on the outline. Students should speak with an advisor before doing so.

Students who select to take transferable communications course CMST 101 or ENGL 101, must also register for CSS 100 – Career Search Strategies for .5 credit. This curriculum is required for all Lake Area Tech graduates and is included in the COMM 101 course but is separate from the university system.