

Building Trades Technology

Semester Course Outline • 2024 – 2025

18 Months (4 Semesters) • Revised: 1/17/24

Associate of Applied Science (A.A.S.) Degree • Credits Required for Graduation: 73



First Year – Fall Semester

Course Number	Course Title	Clock Hours	Credits
BTT 112	OSHA/Safety	14	.5
BTT 116	Construction Technology I	84	3
BTT 117	Basic Construction I A	112	4
BTT 121	Basic Construction I B	196	7
AED 100	Automated External Defibrillator	14	.5
<ul style="list-style-type: none"> Selected Mathematics Course (Choose one) MATH 100 – Applied General Math MATH 101 – Intermediate Algebra MATH 114 – College Algebra * 		45	3
Total		465	18

First Year – Spring Semester

Course Number	Course Title	Clock Hours	Credits
BTT 128	Commercial Construction	84	3
BTT 131	Interior Finishing	56	2
BTT 147	Intermediate Construction II A	84	3
BTT 148	Intermediate Construction II B	56	2
BTT 156	Residential Drafting/CAD	56	2
BTT 158	Basic Welding	28	1
CSC 102	Windows Applications for Technicians	45	3
<ul style="list-style-type: none"> Selected Communications Course (Choose one) CMST 101 – Foundations of Communication* (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		454	19



Second Year – Fall Semester

Course Number	Course Title	Clock Hours	Credits
BTT 202	Site Preparation and Concrete	42	1.5
BTT 204	Construction Technology II	42	1.5
BTT 209	Advanced Construction III A	336	12
<ul style="list-style-type: none"> Selected Behavioral Science Course (Choose one) PSYC 100 – Psychology of Human Relations PSYC 101 – General Psychology * 		45	3
Total		465	18

Second Year – Spring Semester

Course Number	Course Title	Clock Hours	Credits
BTT 220	Construction Estimating	56	2
BTT 235	Advanced Construction III B	308	11
BTT 252	Energy Efficiency	56	2
<ul style="list-style-type: none"> 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		465	18

- 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. 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.