



ARCHITECTURE & DRAFTING PROGRAM

CTE COURSE SEQUENCE

FOUNDATIONAL (9TH & 10TH)

- Intro to Career Pathways
- Technical Drafting - **M**
- Technology Applications
- Introduction to Construction - **M**

TECHNICAL (11TH & 12TH)

- Architectural Drafting - **M**
- Technical Math - **M**
- Interior Design
- Housing Concepts

ACADEMIC ELECTIVE CREDITS: **S** = SCIENCE **M** = MATH **LA** = LANGUAGE ARTS **SS** = SOCIAL STUDIES

ACADEMIC RIGOR

- Pre-Calculus with Trigonometry
- Calculus (AP)
- Chemistry (AP)
- Physics (AP)

STUDENT ORGANIZATION (CTSO)

- Skills USA

CERTIFICATION

- AutoCAD
- Revit

EARLY COLLEGE CREDIT OPTIONS

COLLEGE CREDITS

DUAL ENROLLMENT

- Technology Applications 1, 2, 3 3 cr
- Technical Drafting 1 1 cr
- Technical Drafting 2 1 cr
- Technical Drafting 3 & 4 1 cr
- OR Architectural Drafting 1 & 2 3 cr

AP (WITH PASSING SCORE ON AP EXAM)

- AP Calculus
- AP Biology
- AP Chemistry
- AP Physics

MAPPING YOUR 4-YEAR PLAN*

9TH GRADE		CREDITS	10TH GRADE		CREDITS
<input type="checkbox"/>	Introduction to Career Pathways	.5 cr	<input type="checkbox"/>	Technology Applications 1	.5 cr
<input type="checkbox"/>	Technical Drafting 1 - M	.5 cr	<input type="checkbox"/>	Technical Drafting 2 - M	.5 cr
<input type="checkbox"/>	Algebra 1	1 cr	<input type="checkbox"/>	Technical Drafting 3 - M	.5 cr
<input type="checkbox"/>	English 1	1 cr	<input type="checkbox"/>	Introduction to Construction - M	.5 cr
<input type="checkbox"/>	Biology	1 cr	<input type="checkbox"/>	Geometry	1 cr
<input type="checkbox"/>	Civics	.5 cr	<input type="checkbox"/>	English 2	1 cr
<input type="checkbox"/>	Health	.5 cr	<input type="checkbox"/>	Physical Science	1 cr
<input type="checkbox"/>	PE	1 cr	<input type="checkbox"/>	World History	1 cr
11TH GRADE		CREDITS	12TH GRADE		CREDITS
<input type="checkbox"/>	Architectural Drafting 1 - M	.5 cr	<input type="checkbox"/>	Architectural Drafting 3 - M	.5 cr
<input type="checkbox"/>	Architectural Drafting 2 - M	.5 cr	<input type="checkbox"/>	Architectural Drafting 4 - M	.5 cr
<input type="checkbox"/>	Technical Drafting 4 - M	.5 cr	<input type="checkbox"/>	Housing Concepts	.5 cr
<input type="checkbox"/>	Industrial Safety and First Aid	.5 cr	<input type="checkbox"/>	Interior Design	.5 cr
<input type="checkbox"/>	Algebra 2	1 cr	<input type="checkbox"/>	Advanced Math	1 cr
<input type="checkbox"/>	English	1 cr	<input type="checkbox"/>	English	1 cr
<input type="checkbox"/>	Science	1 cr	<input type="checkbox"/>	Science	1 cr
<input type="checkbox"/>	U.S. History	1 cr	<input type="checkbox"/>	U.S. Government	.5 cr
			<input type="checkbox"/>	AK History	.5 cr

*These are suggested courses to best prepare students for post-secondary transitions and credentialing. Actual courses may depend on school schedule availability and enrollment capacity. Some classes may be available at other locations through District-wide or course share options. Graduation requirements for number of credits and required courses are set at a district level and are subject to change. Talk to your counselor about your graduation requirements and to schedule your courses.

STACKABLE CREDENTIALS & DEGREES*

HIGH SCHOOL		COLLEGE	
<input type="checkbox"/>	Dual Enrollment	<input type="checkbox"/>	Certificate in Construction Technology
<input type="checkbox"/>	Academic AP	<input type="checkbox"/>	Certificate in Mechanical & Electrical Engineering
INDUSTRY CERTIFICATION		<input type="checkbox"/>	Certificate in Welding
<input type="checkbox"/>	AutoCAD	<input type="checkbox"/>	Certificate in Architectural Technology
<input type="checkbox"/>	Revit	<input type="checkbox"/>	Certificate in Civil Technology
APPRENTICESHIP		<input type="checkbox"/>	Certificate in CAD for Building Construction
<input type="checkbox"/>	Trade Unions	<input type="checkbox"/>	Associate of Applied Science Architectural and Engineering Technology
<input type="checkbox"/>	Private Entity	<input type="checkbox"/>	Associate of Applied Science in Technology
MILITARY		<input type="checkbox"/>	Associate of Applied Science in Construction Management
		<input type="checkbox"/>	Bachelor of Science in Construction Management
		<input type="checkbox"/>	Bachelor of Architecture

*Listed Certifications, Apprenticeships and College Degree Programs represent a SAMPLE of available credentials. Available credentials are subject to change due to industry and postsecondary institution changes.