

# NATURAL RESOURCES PATHWAY

AGRICULTURE, FOOD & NATURAL RESOURCES

CAREER &  
TECHNICAL  
EDUCATION



## WILDLAND FIREFIGHTING PROGRAM

### CTE COURSE SEQUENCE

#### FOUNDATIONAL (9TH & 10TH)

- Intro to Career Pathways
- Introduction to Natural Resources - **S**
- Forestry - **S**
- Industrial Safety and First Aid
- Wilderness First Aid - **S**

#### TECHNICAL (11TH & 12TH)

- ETT - **S**
- Forest Health and Protection - **S**
- Wildland Firefighting - **S**
- Wilderness First Responder - **S**

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

#### ACADEMIC RIGOR

- Through Algebra 2
- Chemistry
- Physics

#### STUDENT ORGANIZATION (CTSO)

- Skills USA

#### CERTIFICATION

- Microsoft Office Specialist
- Emergency Trauma Technician (ETT)
- Division of Forestry Red Card

#### EARLY COLLEGE CREDIT OPTIONS

COLLEGE  
CREDITS

##### DUAL ENROLLMENT

- ETT 3 cr
- Wildland Firefighting 3 cr

##### AP (WITH PASSING SCORE ON AP EXAM)

- AP Biology
- AP Chemistry
- AP Physics
- AP Environmental Science

# MAPPING YOUR 4-YEAR PLAN\*

9TH GRADE	CREDITS	10TH GRADE	CREDITS
<input type="checkbox"/> Introduction to Career Pathways	.5 cr	<input type="checkbox"/> Forestry - <b>S</b>	.5 cr
<input type="checkbox"/> Introduction to Natural Resources - <b>S</b>	.5 cr	<input type="checkbox"/> Industrial Safety and First Aid	.5 cr
<input type="checkbox"/> Algebra 1	1 cr	<input type="checkbox"/> Wilderness First Aid - <b>S</b>	.5 cr
<input type="checkbox"/> English 1	1 cr	<input type="checkbox"/> Elective	.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"/> ETT - <b>S</b>	1 cr	<input type="checkbox"/> Wildland Firefighting - <b>S</b>	1 cr
<input type="checkbox"/> Wilderness First Responder - <b>S</b>	1 cr	<input type="checkbox"/> Forest Health and Protection - <b>S</b>	1 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"/> Academic AP	<input type="checkbox"/> Occupational Endorsement Certificate in Wildland Fire Science <input type="checkbox"/> Associate of Applied Science Fire Science <input type="checkbox"/> Associate of Applied Science Fire and Emergency Technology <input type="checkbox"/> Bachelor of Homeland Security and Emergency Management
INDUSTRY CERTIFICATION	
<input type="checkbox"/> Incident Command (FEMA) <input type="checkbox"/> Division of Forestry Red Card	
APPRENTICESHIP	
<input type="checkbox"/> Private Entity	<input type="checkbox"/> U.S. Armed Forces

\*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.