KPMCS
KENAI PENINSULA MIDDLE COLLEGE SCHOOL

CAREER TECHNICAL EDUCATION
KENAI PENINSULA BOROUGH SCHOOL DISTRICT

CTE
Inspiring Students.
Building Skills.

KPBSD
College & Career Fair

FREE TO ATTEND!
Your chance to speak to the representatives from 40+ participating colleges and career partners

OCTOBER 11TH
@ SOLDOTNA HIGH SCHOOL GYM
10:00AM – 1:00PM

For more information
WWW.KPBSD.ORG

Counselors Corner & OneStop Info

EVERYTHING YOU NEED FOR POST SECONDARY PLANNING!

Presented by:

Annaleah Karron

KPBSD College & Career Readiness Coordinator

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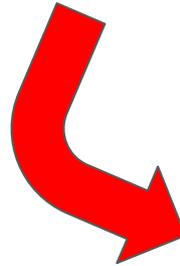
KPBSD Career & Tech Programs

Inspiring students. Building Skills.
KPBSD CTE program creates opportunities
for students to explore careers & gain
necessary skills for their future.

Culture of Innovation
RELEVANCE
RESPONSIVE
RIGOR
KENAI PENINSULA BOROUGH SCHOOL DISTRICT
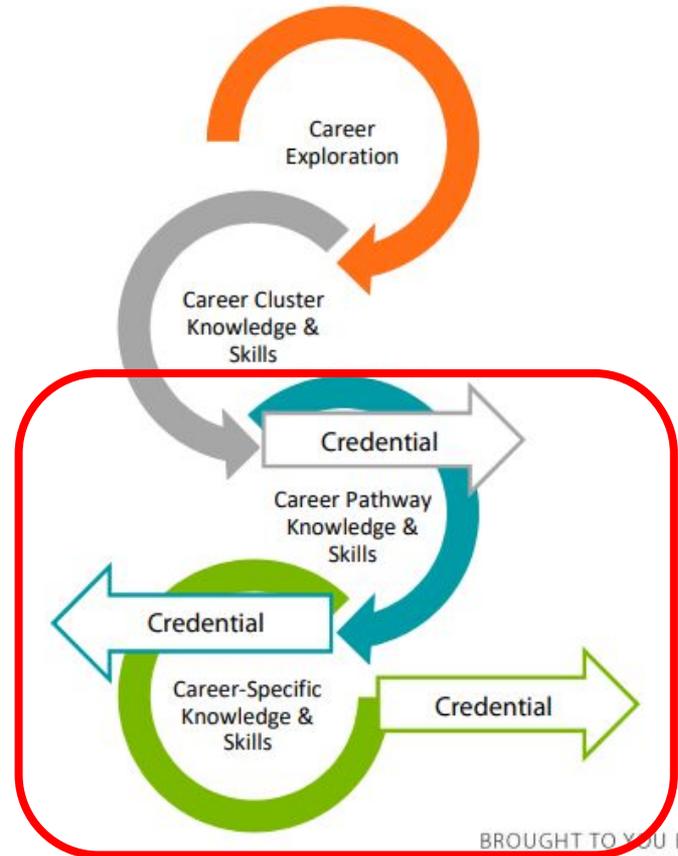
Career Clusters & Carl Perkins Funding

Perkins funding requires a clear Pathway or "Program of Study" it is NOT intended to be Exploratory / Elective opportunities.

Programs of Study consist of an intentional sequence of specialized courses; Link secondary and postsecondary education; Integrate challenging academic and technical instruction; Include dual credit opportunities; Lead to an industry-recognized credential, certificate or degree

*Perkins funding CAN be used for Pre-Knowledge & skills if directly linked TO a pathway. Pending Approval.
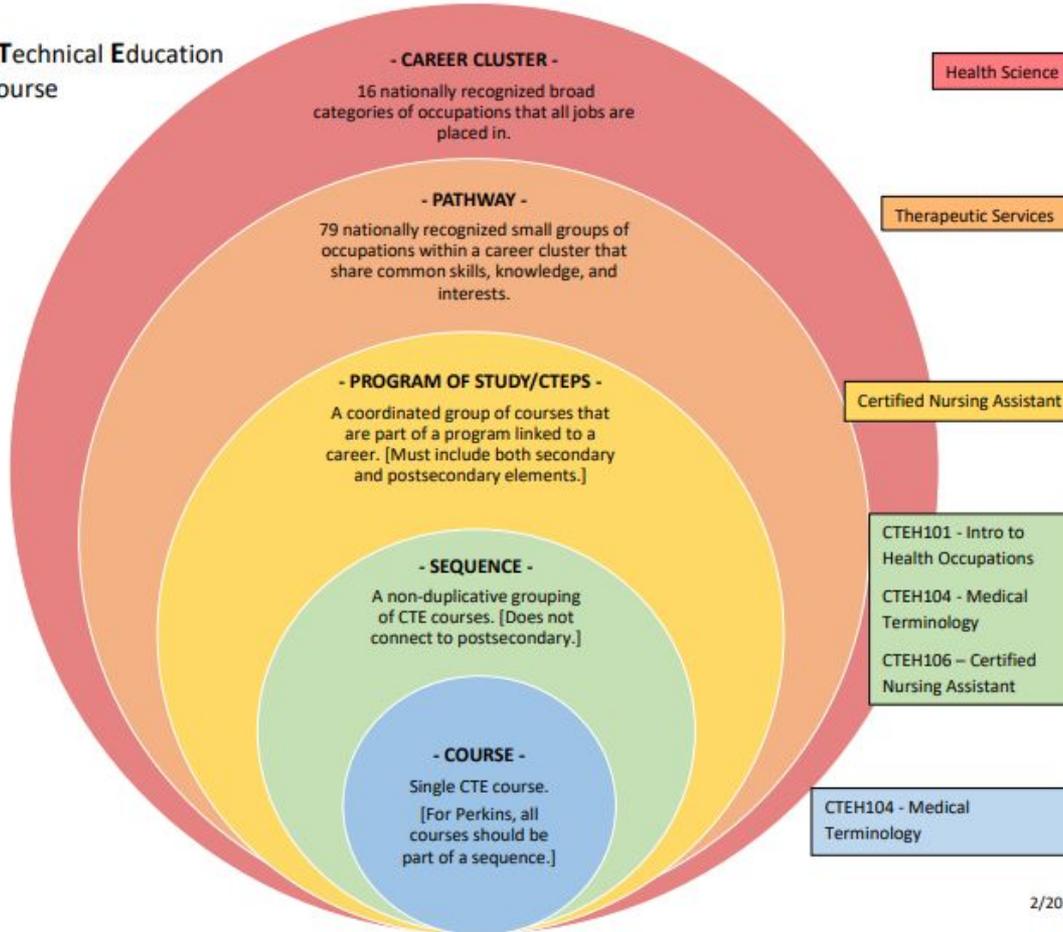

A Program of Study's Progression

Career Exploration

Career Cluster Knowledge & Skills

Credential

Career Pathway Knowledge & Skills

Credential

Career-Specific Knowledge & Skills

Credential

BROUGHT TO YOU BY:

ADVANCE CTE
State Leaders Connecting Learning to Work

Career and Technical Education
Cluster to Course

- CAREER CLUSTER -

16 nationally recognized broad categories of occupations that all jobs are placed in.

Health Science

16 Career Clusters

- PATHWAY -

79 nationally recognized small groups of occupations within a career cluster that share common skills, knowledge, and interests.

Therapeutic Services

79 Pathways of Occupational groups

- PROGRAM OF STUDY/CTEPS -

A coordinated group of courses that are part of a program linked to a career. [Must include both secondary and postsecondary elements.]

Certified Nursing Assistant

A group of courses that lead to a Career including post secondary

- SEQUENCE -

A non-duplicative grouping of CTE courses. [Does not connect to postsecondary.]

CTEH101 - Intro to Health Occupations
CTEH104 - Medical Terminology
CTEH106 – Certified Nursing Assistant

Set of 2 or more high school courses leading towards a CTEP

- COURSE -

Single CTE course.

[For Perkins, all courses should be part of a sequence.]

CTEH104 - Medical Terminology

A single Course

2/2020

Current KPBSD Clusters: We currently have classes in 13 Clusters.

- Agriculture, Food & Natural Resources
- Architecture & Construction Architecture & Construction
- A/V Technology & Communications
- Business, Management & Administration
- Education & Training
- Hospitality & Tourism
- Human Services
- Information Technology
- Health Science
- Manufacturing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics
- Law, Public Safety, Corrections & Security

- Government & Public Administration
- Marketing
- Management
- Planning, Management & Regulation

**Work based experience are offered in ALL Clusters:

- Career Based Learning Cooperative Work Experience [WW708]
- Career Based Learning: On The Job Training [WW710]

What does CTE look like in KPBSD?

Current Course Offerings *Classes count in other Clusters

Homer HS Natural Resources

- **Agriculture, Food & Natural Resources**
  - Nautical Skills, Introduction to (AVTEC)]
  - Power Mechanics 1
  - Marine Technology (AVTEC)
  - Natural Resources Technology
  - Natural Resources Technology II

- **Business, Management & Administration**
  - *Employability Skills
  - Accounting 1
  - Commercial / Yearbook Publishing
  - Desktop Publishing 1
  - Marketing 1

- **Architecture & Construction**
  - *CAD/CAM
  - Construction / Manufacturing Woods
  - Construction Manufacturing Metals
  - *Drafting 1 / 2
  - Construction 1/ 2 / 3/ 4
  - Welding 1 / 2 / 3/ 4
  - Woodworking 1 / 2

SOHI Construction

KMS Woodworking

- **Education & Training**
  - Introduction to Education (EdRising)
  - Development as a Professional Educator (EdRising)

- **Human Services / Hospitality**
  - Culinary Arts 1
  - Foods 1 / 2
  - Child Development 1 /2
  - Consumer Education
  - Culinary Arts 2
  - Family & Consumer Science
  - Nutrition of Food
  - MS Intro to Foods

iChoice Teachers: Beth Swaby & Emanuela Pokryfki

KCHS Culinary Class

- **Health Science**
  - Certified Nursing Assistant
  - Emergency Trauma Technician
  - Medical Terminology
  - Pharmacy, Introduction to
  - Emergency Medical Technician (EMT)

- **Manufacturing**
  - *CAD/CAM
  - *Power Mechanics 1 / 2
  - Welding 1/ 2/3/4

Homer Area ETT Class

SOHI EMT Class

- **Information Technology**
  - Computer Science
  - *Web Design (PWSC/ iReady)
  - PWSC Tech Learner Courses
  - Digital Electronics (PLTW)
  - Cybersecurity (*Fall 23)

- **A/V Technology & Communications**
  - *Computer Applications 1/2/3/4
  - *Digital Photography 1
  - **Commercial Communications 1 / 2
  - *Digital Photography 2

PENINSULACLARION.COM
Kenai Peninsula esports teams ready for state championships | Peninsula Clarion
Players contend with changing games, increased pressure, rival rematches

GenCyber

The University of Alaska Anchorage GenCyber Academy is a free, two-week summer camp for Alaskans currently enrolled in the 10th-12th grades. The Academy strives to provide a broad background for students who are interested in pursuing cybersecurity as a career.

Participants will learn:
- How to think like an attacker and be an ethical hacker
- About essential security technologies and techniques
- How to build secure systems
- And about cybersecurity career pathways

Our goal is to inspire the next generation of cybersecurity professionals who will help to protect Alaska's citizens and infrastructure. We want participants who are committed to bettering themselves and their community. We want participants who will work hard to gain the knowledge and skills they need to make Alaska a safer place.

Join the Next Generation of Cybersecurity Professionals!

What: Two-Week Summer Camp
Who: 10th-12th Graders
Where: UAA's Anchorage Campus
When: July, 2023
How Much: FREE

Learn more and apply by visiting www.uaa.alaska.edu/gencyber

ALASKA TECH LEARNERS

FALL SEMESTER 2022
TECH A222 CLIENT-SIDE SCRIPTING LANGUAGES 3 CR
CRN: 77047

Includes:
Browser architecture
JavaScript data types
Anonymous and named functions
Fevent listeners
The Document Object Model (DOM)
Client-side security concerns
Cookies
Local storage
Dynamic Hypertext Markup Language (DHTML)
Ajax
jQuery and jQuery User Interface (UI)

University level course in computer science!

FREE TUITION FOR PARTICIPATING HIGH SCHOOL TEACHERS & STUDENTS!

Register Today!
EMAIL:
aktechlearners@alaska.edu
907-834-1633
https://pwsc.alaska.edu/aktechlearners

PWSC
PRINCE WILLIAM SOUND COLLEGE

What does CTE look like in KPBSD?

- **Science, Technology, Engineering & Mathematics (STEM)**
  - Introduction to Engineering (PLTW)
  - Robotics
  - Principles of Engineering (PLTW)
  - Metal Processes 1
  - *Principles of Technology I

- **Law, Public Safety, Corrections & Security**
  - Justice 1 / 2
  - Introduction to Criminal Justice
  - Criminal Forensics

- **Transportation, Distribution & Logistics**
  - Automotive Tech 1/2/3
  - WDC Welding Fabrication 1 / 2
  - Small Engine Repair (Yamaha)

Kenai Middle Robotics

Homer High Welding
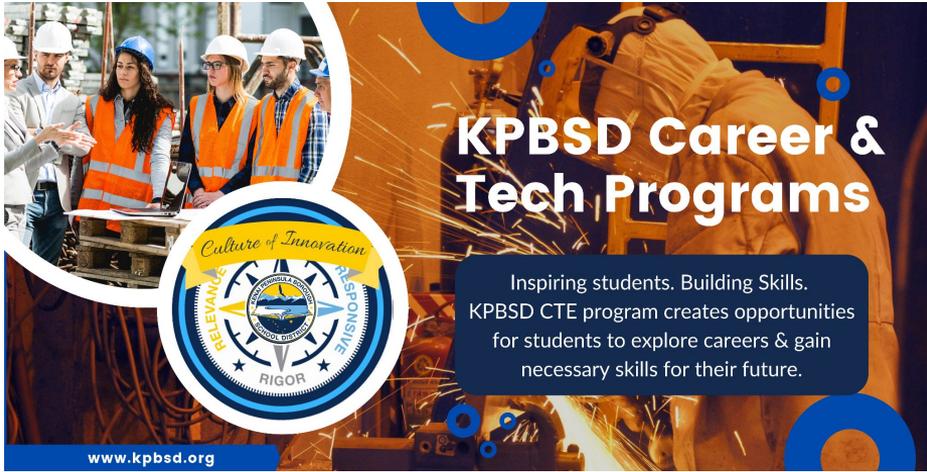
Razdolna Mobile Welding Lab

Current Opportunities!

- **KPC/KBC:** CNA, Welding, Process Technology, Art, and MORE!
- **AVTEC:** Young Mariners Nautical Course (10 spots for Spring)
- **ETT/ EMT** SOHI (S1) Kenai (S2) Homer (after hours class) (*KPC course also available).
- **PWSC:** Tech Learners Courses
  *Contact Beth Swaby for KPBSD iChoice options.
- **iChoice:** Computer Sciences, Intro to Education (EdRising) Current Offerings HERE:
- **Workforce Development Center (WDC)**: Auto, Welding, CAD/CAM

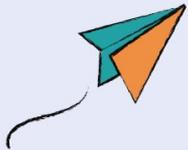*Additional courses offered at individual schools! Just ask!

Future Opportunities!

- **Spring CNA @ KPC** -
  - Fridays 8-5pm + 2 Week Practicum
  - Planning for Homer & Seward opportunities!

- **CTE Intensive / Camps** - We are looking for instructors and topics for hands-on CTE Camps
  - RiggSafe / Scaffolding / OSHA / ETT / FF1 and more!

- **Spring CTE Teacher PD Training Grant:** Construction / Computer Science & Human Services (Health / Education)

- **College & Career Fair - Fall 23**

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www.kpbsd.org

Outside Organizations

- **UAF CTC Programs:** https://www.ctc.uaf.edu/

- **Kenai Peninsula Economic Development District:** https://kpedd.org/ https://kenaipeninsulaworkforce.org/

- **Alaska General Contractors:** www.webuildalaska.com

- **UAF RAHI Summer Program** https://www.uaf.edu/rahi/

- **UAF Mining and Petroleum Training** MAPTS

Counselors Corner & OneStop Info

EVERYTHING YOU NEED FOR POST SECONDARY PLANNING!

AKCIS - Career Planning - Students access through KPBSD/ Clever Link https://acpe.alaska.gov/PLANNING/AKCIS

*MS - EdRising MS Curriculum, AKCIS Jr. and Kids2College

Scholarship Folder - Find local scholarships or state & National ones related to your career interests.

APS Information - Start this conversation in Middle School! https://acpe.alaska.gov/FINANCIAL-AID/AK-Performance-Scholarship

Questions?

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