

2472 N Seward Meridian Pkwy
 Wasilla, AK 99654
 (907) 352-0400



- [Home](#)
- [About Us](#)
- [Academics](#)
- [Activities](#)
- [Pathways](#)
- [Resources](#)
- [Staff](#)
- [Employees](#)
- [Parents](#)
- [Students](#)

Welcome!

Welcome to Mat-Su Career & Technical High School

2472 N Seward Meridian Pkwy
 Wasilla, AK 99654

School Mascot: Siberian Tiger
School Colors: Black and White

347.5 Full-time Students
 162 Part-time Students
 500 Maximum Student Capacity
 48 Staff Members

2009-2010 Application for Full-Time Students

Ben Eveland, Principal
 Email: ben.eveland@matsuk12.us

Office Telephone: 907-352-0400
Office Fax: 907-352-0480

Search

Site Shortcuts

- Moodle
- Career & Technical Education Dept

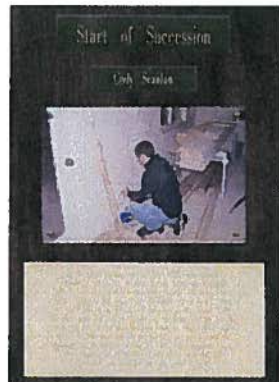
Announcements Events

[weekly bulletin](#)
[Register for website use](#)
[RSS Feed](#)

Click on the links below for more information about these CTHS headlines:

- 2009 Quality Chapter Distinction for CTHS BPA**
- CTHS won the DesignShare 2008 Recognized Value Award!**

Cody Scanlan, Class of 2007, presents plaque to CTHS



[RSS Feed](#)

Mat-Su Career & Technical Education

Don't leave school without it!



**Agriculture &
Natural Resources
Pathway**

**Culinary Arts,
Hospitality & Tourism
Pathway**



**Health
Services
Pathway**



**Human
Services
Pathway**



**Architecture,
Pre-Engineering,
&
Construction
Pathway**

**Transportation &
Manufacturing Pathway**



**Information
Technology
Pathway**



**Therapeutic Services &
Sport Fitness Pathway**



*MSBSD High Schools Provide Training for the High Demand, High Wage, 16th Skill Jobs of Tomorrow
www.matsuk12.us ->Departments ->CTE*

The Career & Technical Education Department is located in the MSBSD administration building located at:

501 N. Gulkana
Palmer, AK 99645
Phone: 746-9274
Fax: 761-4087

CTE Staff

Ray DePriest, Director, 907-746-9238, Ray.DePriest@matsuk12.us

David Ralph, Coordinator, Career & Tech Ed, 907-746-9281, David.Ralph@matsuk12.us

Barb Shogren, Coordinator, School to Work, 907-746-9282, Barbara.Shogren@matsuk12.us

Tracy Clement, Elementary Career Scout, 907-746-9211, Tracy.Clement@matsuk12.us

Janet Hagen, Secretary, 907-746-9274, Janet.Hagen@matsuk12.us

Ernie Kirby, Career Counselor, WIA, 907-746-9227, Ernie.Kirby@matsuk12.us

Jenny Baer, Career Counselor, WIA, 907-746-9257, Jenny.Baer@matsuk12.us

TO CONTACT STAFF AT THE CAREER & TECHNICAL HIGH SCHOOL call 352-0400

[FULL TIME STUDENT APPLICATION FOR MAT-SU CAREER & TECHNICAL HIGH SCHOOL](#)
[List of National Certificates](#)

[Jim Stone](#), 2008 PDC Keynote Presentation


Career & Technical Education Programs of Study

Success begins in school. To be successful, all students need to see the connection between their classroom and the real world. Connections are best made through the Career Pathway course of study.

Career Pathways are:

- + A comprehensive four-year plan
- + Tailored to each student's needs as shown on a **Program of Study**
- + Applied academic instruction which helps connect the classroom to the workplace
- + Broad groupings of careers that share similar characteristics
- + Flexible: students may explore more than one pathway
- + Built on state and local labor market information
- + For all students.

Each Program of Study is a suggestion of classes within a pathway. Click on any Pathway to see its Program of Study

Agriculture and Natural Resources	Business Management IT	Health/ Sports Fitness	Human Services	Architecture, Construction, Engineering
<u>Animal Science</u>	<u>Accounting</u>	<u>Allied Health</u>	<u>Culinary / Food Service</u>	<u>Architect</u>
<u>Horticulture</u>	<u>Entrepreneurship</u>	<u>Health Informatics</u>	<u>Early Childhood & Services</u>	<u>Automotive</u>
 <u>Geospatial</u>	<u>Finance</u>	<u>Pre-Nursing</u>	<u>EMT</u>	<u>Cabinetry</u>
	<u>Office Specialist</u>	<u>Sports and Fitness</u>	<u>Justice & Law</u>	<u>Carpenter</u>
	<u>Network Technician</u>			<u>Logistics</u>
	<u>Support Technician</u>			<u>Outdoor Power</u>
	<u>Travel Coordinator</u>			<u>Pre-Engineering</u>
	<u>Web Design / Graphic Artist</u>			<u>Welder</u>
	<u>Lodging Management</u>			

Accounting

Back to Program of Studies

Career Cluster Description: Business Management and Administration careers encompass planning, organizing, directing and evaluation business functions essential to efficient and productive business operations. Business management and Administration career opportunities are available in every sector of the economy.

Major Options

- Accountants and Auditors
- Banking
- Insurance
- Entrepreneur
- Financial Managers
- International Business
- Economist
- Financial Planners

Regular text = graduation requirements/Bold text = recommended career pathway classes/Italicized text = recommended electives

9 th Grade		10 th Grade		11 th Grade		12 th Grade	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English 1	English 1	English 2	English 2	English 3	English 3	English 4 <i>(Technical Writing 1)</i>	English 4 <i>(Technical Writing 2)</i>
Physical Science	Physical Science	Science 2 <i>(Biology)</i>	Science 2 <i>(Biology)</i>	Science 3 <i>(Chemistry)</i>	Science 3 <i>(Chemistry)</i>	Government	Alaska History
Intro to Career Pathways	Customer Service	World History	World History	U.S. History	U.S. History	<i>World Language</i>	<i>World Language</i>
Algebra 1	Algebra 1	Geometry	Geometry	<i>World Language</i>	<i>World Language</i>	<i>Personal Finance</i>	<i>Economics</i>
Physical Education	Health	<i>Bus Skills Lab 1</i>	<i>Desktop Publishing 1</i>	Physical Education	<i>Entrepreneurship</i>	<i>Co-op Work Experience</i>	<i>Co-op Work Experience</i>
Technical Applications 1	Technical Applications 2	Accounting 1 1	Accounting 2	Accounting 3	Accounting 4	Computerized Accounting	Business Law

Work-Based Learning Opportunities	Career-Technical Student Organizations (CTSO)	Certifications
<ul style="list-style-type: none"> • Apprenticeship • Cooperative Education • Job Shadowing • Paid/Unpaid Internship • School-Based Enterprise • Service Learning 	<ul style="list-style-type: none"> • Business Professionals of America 	

POSTSECONDARY OPTIONS

Two-Year College or Proprietary Programs	Adult Registered Apprenticeships	Four-Year College and University Programs	Certifications	Training Certificates, Licenses, On The Job Training, etc.
<ul style="list-style-type: none"> • Small Business Administration 	Opportunities can be researched at www.jobs.state.ak.us/apprentice/ or can be established at 271-5035	<ul style="list-style-type: none"> • Accounting • Accounting Technician • Business Administration • Economics • General Business 	<ul style="list-style-type: none"> • Certified Public Accountant 	<ul style="list-style-type: none"> • Accounting Services • Business Services

RECOMMENDED SECONDARY CAREER DEVELOPMENT SCHEDULE

Scheduling of classes may vary according to each school's course offerings and student needs.

Pre-Nursing

[Back to Program of Study](#)

Career Cluster Description: Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.							
Major Options							
<ul style="list-style-type: none"> • Certified Nursing Assistant • Dental Assistant • Pharmacy Technician 		<ul style="list-style-type: none"> • Chiropractor • Radiology • Pharmacist 		<ul style="list-style-type: none"> • Veterinarian • Occupational Therapist Assistant • Doctor 		<ul style="list-style-type: none"> • Physical Therapist/ PT Assistant • Paramedic • Registered Nurse 	
9 th Grade		10 th Grade		11 th Grade		12 th Grade	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English 1	English 1	English 2	English 2	English 3	English 3	English 4 (Tech Writing 1)	English 4 (Tech Writing 2)
Physical Science	Physical Science	Science 2 (Biology)	Science 2 (Biology)	Science 3 (Anatomy & Physiology)	Science 3 (Anatomy & Physiology)	Chemistry	Chemistry
Tech Apps 1	Health	World History	World History	U.S. History	U.S. History	Government	Alaska History
Algebra 1	Algebra 1	Geometry	Geometry	Algebra 2	Algebra 2	Certified Nursing Assistant*	Co-op Work Experience
Health Occupations	Intro to Pharmacy	Elective	Industrial Safety & First Aid	Medical Terminology	Medical Math	Certified Nursing Assistant (CNA is a 2 credit course)	Co-op Work Experience
Intro to Pathways	Customer Service	<i>Human Relations</i>	<i>Psychology</i>	Physical Education	Physical Education	<i>Intro to Pharmacology</i>	<i>Intro to Pharmacology or EMT (at MSC)</i>

Work-Based Learning Opportunities		Career-Technical Student Organizations (CTSO)	Certifications
<ul style="list-style-type: none"> • Apprenticeship • Cooperative Education • Job Shadowing 	<ul style="list-style-type: none"> • Paid/Unpaid Internship • School-Based Enterprise • Service Learning 	<ul style="list-style-type: none"> • Health Occupation Students of America (HOSA) • SKILLS USA 	<ul style="list-style-type: none"> • Certified Nursing Assistant • EMT • PTCB Certification

POSTSECONDARY OPTIONS

Two-Year College or Proprietary Programs	Adult Registered Apprenticeships	Four-Year College and University Programs	Certifications	Licenses, On The Job Training, Training Certificates, etc.
<ul style="list-style-type: none"> • Paramedical Technology • Licensed Practical Nurse (LPN) • Radiologic Technology • Medical Laboratory Tech. • Pharmacy Tech 	<p>Opportunities can be researched at www.jobs.state.ak.us/apprentice/ or can be established at 271-5035</p>	<ul style="list-style-type: none"> • Registered Nurse • Nursing Science • Biological Sciences • Pharmacy 	<ul style="list-style-type: none"> • Certified Nursing Assistant • Clinical Assistant • Phlebotomist • CPT 	<ul style="list-style-type: none"> • Registered Medical Technologist • Behavioral Health Certificate in Residential Svcs Training • Certified Pharmacy Technician

RECOMMENDED SECONDARY CAREER DEVELOPMENT SCHEDULE

Scheduling of classes may vary according to each school's course offerings and student needs.

Welder

Back to Program of Study

Career Cluster Description: The manufacturing career cluster prepares learners to enter an industry which includes planning, managing, and performing the processing of materials into intermediate or final products. Additional related professional and technical support activities such as production planning and control, maintenance, and manufacturing process engineering are also included in this cluster.

Major Options

- Welder/Fabricator
- Career & Technology Teacher
- Sheet Metal Worker
- Process Control Technician
- Boilermaker
- Pipe Fitters
- Machinist
- Industrial Maintenance Worker
- Heavy Equipment Mechanic
- Manufacturing Engineer
- Industrial Engineer
- Structural Steel Worker

9 th Grade		10 th Grade		11 th Grade		12 th Grade	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English 1	English 1	English 2	English 2	English 3	English 3	English 4 <i>(Technical Writing 1)</i>	English 4 <i>(Technical Writing 2)</i>
Physical Science	Physical Science	Science 2 <i>(Biology)</i>	Science 2 <i>(Biology)</i>	Science 3 <i>(Chemistry)</i>	Science 3 <i>(Chemistry)</i>	Physics	Physics
Technical Applications 1	Health	World History	World History	U.S. History	U.S. History	Government	Alaska History
Algebra 1	Algebra 1	Geometry	Geometry	<i>Algebra 2</i>	<i>Algebra 2</i>	<i>Co-op Work Experience</i>	<i>Co-op Work Experience</i>
Physical Education	<i>Electronics I/Elective</i>	Technical Math	Physical Education	Welding Part 1	Welding Part 1	Welding Part 2	Welding Part 2
Intro to Pathways	Customer Service	Technical Drafting 1	<i>Technical Drafting 2</i>	Welding Part 1	Welding Part 1	Welding Part 2	Welding Part 2
Work-Based Learning Opportunities				Career-Technical Student Organizations (CTSO)		Certifications	
<ul style="list-style-type: none"> • Apprenticeship • Cooperative Education • Job Shadowing 		<ul style="list-style-type: none"> • Paid/Unpaid Internship • School-Based Enterprise • Service Learning 		<ul style="list-style-type: none"> • SKILLS USA 		<ul style="list-style-type: none"> • AWS Level 1 Certified Welder 	












POSTSECONDARY OPTIONS

Two-Year College or Proprietary Programs	Adult Registered Apprenticeships	Four-Year College and University Programs	Certifications	Licenses, On The Job Training, Training Certificates, etc.
<ul style="list-style-type: none"> • Welder/Fabricator • Pattern And Model Maker • Electrical Engineering Tech 	<ul style="list-style-type: none"> • Boilermaker • Pipe Fitters • Sheet Metal Worker • Structural Steel Worker • Machinist 	<ul style="list-style-type: none"> • Civil, Mechanical, or Electrical Engineers • Manufacturing Engineer • Teacher • Industrial Production Manager 	<ul style="list-style-type: none"> • American Welding Society Level 1 Certified Welder • American Welding Society Level 2 Certified Welder 	<ul style="list-style-type: none"> • Entrepreneurs • Process Control Technician • Machine Tool Operators • Inspectors

RECOMMENDED SECONDARY CAREER DEVELOPMENT SCHEDULE

Scheduling of classes may vary according to each school's course offerings and student needs.

The 16 Career Clusters

	<p>The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.</p>
	<p>Careers in designing, planning, managing, building and maintaining the built environment.</p>
	<p>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.</p>
	<p>Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.</p>
	<p>Planning, managing and providing education and training services, and related learning support services.</p>
	<p>Planning, services for financial and investment planning, banking, insurance, and business financial management.</p>
	<p>Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.</p>
	<p>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</p>
	<p>Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.</p>
	<p>Preparing individuals for employment in career pathways that relate to families and human needs.</p>
	<p>Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.</p>

 <p>Law, Public Safety, Corrections & Security</p>	<p>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</p>
 <p>Manufacturing</p>	<p>Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.</p>
 <p>Marketing, Sales & Service</p>	<p>Planning, managing, and performing marketing activities to reach organizational objectives.</p>
 <p>Science, Technology, Engineering & Mathematics</p>	<p>Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.</p>
 <p>Transportation, Distribution & Logistics</p>	<p>Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.</p>