Career Pathways

### Aviation Technology Division 786.7200
- Aircraft Mechanics & Service Tech
- Aircraft Structures, Rigging, and Systems Assembler
- Air Traffic Controller
- Airline Pilot/Copilot
- Airfield Operations Specialist

### Career & Technical Education Department 786.6945
- Career & Technical Education Teacher
- Technical Supervisor
- Technical Manager
- Foreman
- Technical Trainer

### Computer & Networking & Office Technologies Department 786.4200
- Information Technology Manager
- Computer Services Director
- Data Processing Manager
- Technical Services Manager

### Construction & Design Technology Division 786.6465
- Construction Manager
- Architectural & Civil Drafter
- Project Engineer Assistant
- Cost Estimator

### Culinary Arts, Hospitality, Dietetics & Nutrition Division 786.1487
- Nutrition Specialist
- Chef
- Hospitality Manager
- Restaurateur
- Healthcare Foodservice Director

### Department of Health, Physical Education & Recreation 786.4083
- Physical Education Teacher
- Corporate Fitness Director
- Sports & Fitness Instructor
- Health & Exercise Specialist
- Outdoor Guide/Instructor
- Recreation Leader/Manager
- Pre-Physical Therapy Preparation
- Sports Medicine
- Gov. Recreation Management

### Transportation & Power Division 786.1483
- Automotive Service Technician
- Bus/Truck Mechanic
- Diesel Engine Specialist

### Recommended Pre-College Preparation*
- **Aviation**
  - Pre-Calculus
  - Algebra II
  - Trigonometry
  - Computer Applications
  - Geometry
  - Physics
  - Reading and Writing Skills

- **Construction or Industrial Technology**
  - Algebra II
  - Physics
  - Computer Applications
  - Construction or Industrial Technology
  - Reading and Writing Skills
  - Chemistry
  - Geology
  - Computer Aided Drafting

- **Information Technology**
  - Algebra
  - Computer Applications
  - Reading and Writing Skills
  - Advanced Microsoft Office Products

### 1/2 - 1 1/2 Years Occupational Endorsement Certificate
- **Aviation**
  - Aviation Maintenance Technology

- **Construction or Industrial Technology**
  - Architectural Drafting
  - Structural Drafting

- **Information Technology**
  - Computer Aided Drafting & Design

### 1-2 Years Undergraduate Certificate
- **Aviation**
  - Air Traffic Control
  - Aviation Administration
  - Professional Piloting

- **Construction or Industrial Technology**
  - Construction Management

### 2-3 Years Associate Degree
- **Aviation**
  - Flight Simulation

- **Construction or Industrial Technology**
  - Architectural & Engineering Technology

### 3-4 Years Bachelor’s Degree, Master’s Degree, or Graduate Certificate
- **Aviation**
  - Airline Pilot/Copilot

### Pre-College Preparation*

### Career Pathways

- **Aviation Technology**
  - Aircraft Mechanics & Service Tech
  - Aircraft Structures, Rigging, and Systems Assembler
  - Air Traffic Controller
  - Airline Pilot/Copilot
  - Airfield Operations Specialist

- **Career & Technical Education**
  - Career & Technical Education Teacher
  - Technical Supervisor
  - Technical Manager
  - Foreman
  - Technical Trainer

- **Computer & Networking & Office Technologies**
  - Information Technology Manager
  - Computer Services Director
  - Data Processing Manager
  - Technical Services Manager

- **Construction & Design Technology**
  - Construction Manager
  - Architectural & Civil Drafter
  - Project Engineer Assistant
  - Cost Estimator

- **Culinary Arts, Hospitality, Dietetics & Nutrition**
  - Nutrition Specialist
  - Chef
  - Hospitality Manager
  - Restaurateur
  - Healthcare Foodservice Director

- **Department of Health, Physical Education & Recreation**
  - Physical Education Teacher
  - Corporate Fitness Director
  - Sports & Fitness Instructor
  - Health & Exercise Specialist
  - Outdoor Guide/Instructor
  - Recreation Leader/Manager
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  - Sports Medicine
  - Gov. Recreation Management

- **Transportation & Power**
  - Automotive Service Technician
  - Bus/Truck Mechanic
  - Diesel Engine Specialist

### Opportunities
- **Career**
  - Computer Applications
  - Biology
  - Algebra II
  - Welding

- **Technology**
  - Computer Aided Drafting
  - Structural Drafting

- **Business**
  - Reading and Writing Skills

### Endorsement Certificate
- **Aviation Technology**
- **Construction or Industrial Technology**
- **Information Technology**

### 1/2 - 1 1/2 Years
- **Occupational Endorsement Certificate**
- **Aviation**
  - Aviation Maintenance Technology

### 1-2 Years
- **Undergraduate Certificate**
- **Aviation**
  - Air Traffic Control **
  - Aviation Administration **
  - Professional Piloting **

### 2-3 Years
- **Associate Degree**
- **Aviation**
  - Flight Simulation

### 3-4 Years
- **Bachelor’s Degree, Master’s Degree, or Graduate Certificate**
- **Aviation**
  - Airline Pilot/Copilot

*This is a general list of recommendations. Please contact the program advisor to find out more about the specific program. ** Program may have a Tech Prep agreement to earn UAA credit in high school.
Service Programs & Extended Campuses

Air Force ROTC / Aerospace Studies - 786 • 7266
The mission of the Air Force Reserve Officer Training Corps (AFROTC) is to produce and develop quality leaders for the United States Air Force. Located in the Aviation Technology Center at Merrill Field, Room 116.

Army ROTC / Military Science - 786 • 6094
The mission of the Army Reserve Officer Training Corps (ROTC) is to commission the future officer leadership of the United States Army and motivate young people to be better citizens. Located in Eugene Short Hall, Room 211.

Chugiak-Eagle River Campus - 786 • 7600
UAA’s scenic Chugiak-Eagle River Campus provides curricula and activities to meet the needs of our area through postsecondary courses, skills development and support services.

College Preparatory & Developmental Studies Department (CPDS) 786 • 6856
CPDS helps underprepared and nontraditional college students increase academic and critical thinking skills while developing the confidence to pursue their life-long learning goals. Our services include English as a Second Language. Located in the Professional Studies Building, Room 110.

Learning Resources Center (LRC) - 786 • 6828
The LRC provides a variety of learning support services to promote student achievement and success. Students may receive support in academic reading, writing, math and study strategies. Located in Sally Monserud Hall, Room 125.

Military Programs

Elmendorf Air Force Base - 753 • 0204
Fort Richardson Army Base - 428 • 1228
UAA’s Joint Base Elmendorf-Richardson (JBER) extension centers provide educational opportunities to approximately 1,000 military and civilian students.

Tech Prep - 786 • 6183
Tech Prep is a partnership between UAA and other educational institutions. Students can earn UAA credit in certain high school classes and other partner programs. Tech Prep allows students to explore a career pathway while getting a head start on a certificate or degree. Located in the University Center, Suite 130.

Quick Reference Guide to UAA

UAA Phone Numbers
Admissions 907.786.1480
Advising & Testing Center 907.786.4500
Office of Student Financial Assistance 907.786.1480
Campus Bookstore 907.786.1151
Housing 907.751.7202
CTC Advising 907.786.6897

UAA Onestop
www.uaa.alaska.edu/onestop
Your one-stop shop to attending UAA. Visit this website for more information about registering for and attending UAA.

Map of CTC Locations

Explore your Opportunities

www.uaa.alaska.edu/ctc
Learn more about the Community & Technical College by scanning this QR code with your smartphone.

Reprinted February 2013

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