

## Alternative Ways to Obtain UAF Credit

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## Non-Traditional Credit

Options are available for UAF students who wish to obtain college credit in non-traditional ways.

### ACE/PONSI

UAF recognizes training that has been reviewed by ACE (American Council on Education) or PONSI (National Program on Noncollegiate Sponsored Instruction). Upon presentation of official documents verifying satisfactory completion of instruction, credit may be awarded as recommended, subject to approval by the appropriate faculty. Credit recommendations for specific UAF courses will be reviewed by the faculty of the department in which the UAF course is offered. Once a review (memo submitted to the Office of Admissions) has been done for any given course of instruction, that course need not be reviewed for each subsequent request unless there has been significant change to the course or its credit award. When credit is recommended in areas where there is no UAF equivalent, the recommendation will be reviewed by the faculty of the student's major department.

### Advanced Placement (AP)

UAF grants advanced credit for satisfactory performance in the College Board Advanced Placement tests (normally completed by students during their senior year in high school). Other placement in an advanced course is available in some units through local advanced placement credit. See the UAF Catalog or contact the Office of Admissions.

### College Level Examination Program (CLEP)

This is a national test program administered on a monthly basis to students who have a strong background in a certain academic field and who want to earn credit through testing rather than classroom work. It is accepted at all major universities. See Getting Started Section of the Catalog under "Alternative Ways to Earn Credit" for specific tests and equivalent course credit awards. Cost of each exam is \$75 and results take four to six weeks.

### Credit by Examination

Credit by examination is a local program at UAF for students currently enrolled. Many courses offered by UAF departments are available to be "challenged" by students with a strong background in a particular subject area. However, there are some exceptions and certain criteria that apply to this program. Credit earned is not computed in a student's GPA. Contact the Testing Services Office (207B Gruening 474-5277) or the Academic Advising Center (509 Gruening – 474-6396) for specific information. Students may take the Library Competency Exam (see chapter 7) for Core Credit.

### Credit for Military Experience

Students who have been in military service for at least one calendar year may receive 8 elective credits by presenting a copy of their DD214 form. In addition, some academic credit may be accepted by transfer for formal service schools. UAF uses the ACE [Guide to the Evaluation of Educational Experiences in the Armed Services](#) for reference. Contact the Office of Admissions (474-7500) for information.

### Credit for Prior Learning (CPL)

The Credit for Prior Learning (CPL) program allows non-traditional credit to be awarded for accomplishments, skills, or knowledge that can be equated to college-level course work for students currently enrolled. Credit may only be requested for courses that appear in the UAF Catalog. Departmental faculty reviews credentials and background information in assisting students pursue this type of credit. **No more than 25% of the coursework for a degree program may be awarded through this process.** CPL credit is not computed into the GPA, nor is it resident credit. A student should check with the Academic Advising Center for the possibility of earning this type of credit. The cost for Credit for Prior Learning is an application fee of \$50 and \$10 per credit hour for approved course credits. Forms are also available online at <http://www.uaf.edu/advising/student/index.html>

### DANTES-DSST (Standardized Subject Tests)

UAF accepts credit awarded by successfully completing Dantes tests according to American Council on Education recommendations. This test is not administered at UAF.

### Foreign Language Testing

See “Foreign Language Testing Program” in chapter 7, or contact the Foreign Language Department (474-7396), Testing Services (474-5277) or the Academic Advising Center (474-6396). Bonus credits are only available for Alaskan Native Languages. See the next page for information concerning foreign language credits.

### Independent Learning

Independent Learning credits are considered resident credits. Students have the option of enrolling in a semester-based or year-based Independent Learning courses (semester based counts toward semester course load and GPA) or enrolling in year-based Independent Learning courses (counts toward overall semester count and cumulative GPA). Contact the Center for Distance Education (474-5353) for more information.

### Individual Study

The Individual Study credit option involves independent study and/or research on the part of the student, with general direction from the instructor. Students can obtain a form from the Office of the Registrar and submit the completed form during the regular registration process.  
<http://www.uaf.edu/reg/forms/individual.pdf>

### International Baccalaureate (IB)

UAF awards credit for IB higher-level exams on which students have scored a 4 or better. This is a two-year curriculum similar to the final secondary school year in Europe for 16-19 year olds.

## CHANGES IN FOREIGN LANGUAGES/FAQS

- **BONUS CREDITS:** Foreign Languages (but not Alaskan Native Languages) has discontinued awarding “Bonus Credits.” Beginning in the fall of 2007, we will no longer award credit.
- Students do not have to begin at the 100 level if they have prior experience in a language. If they have transfer credit or AP credit, they can register directly for the appropriate class. If they do not have either of these, they must take the CLEP test offered through Testing Services (through which they can be awarded up to 16 credits.) The credit that they are awarded through CLEP will determine which should be the next class that they take. This will be strictly enforced once bonus credits have been phased out.
- There are CLEP tests for French, German, and Russian. If the student wants to be awarded credit for a different language, there are other tests available. Tell them to speak to Testing Services or to Foreign Languages faculty.
- Some languages have 100A and 100B classes offered through TVC. 100A and 100B together equal 101. After completing both 100A and 100B a student can go on to 102. The difference between 100A & 100B and 101 is the number of credits (3 vs. 5) and the pace of the class. They are not prerequisites for 101; together they are the same as 101.

## Petitions

### *Samples of Common Wording*

#### Substitutions:

I hereby petition to: Substitute (replacement of academic requirement or regulation) for (required academic requirement or regulation).

Examples: Substitute Math 200X for Math 310.  
Substitute Math elective (Math 21156 from University of Maryland) for Math 310.  
Substitute 4 of the 12 Math elective credits (Math 21156 from University of Maryland) for Math 310.  
Substitute Math 107X and Math 108 for Math 200X.  
Substitute JB 493 (Interviewing Presidential Candidates, taken Spring, 1998) for JB 400.  
Replace Hist 321 with Hist 322.  
Replace Hist 440 with Hist elective (Hist 121 from University of Oregon).

I hereby petition to: Use (Academic requirement or regulation).

Example: Use the 2002 UAF catalog requirements to fulfill History degree requirements.

#### Waivers:

I hereby petition to: Waive (required academic requirement or regulation).

Examples: Waive Math 200X required for Mathematics major.  
Waive the 130 credits required for my program and graduate with the minimum general university requirement of 120 credits.  
Waive 2 credits of the 18 credits required for the humanities/social sciences in the B.A. degree requirements.

### **Tips on Writing Petitions**

1. The advisor and student should determine if a petition is required and what type of petition is required, i.e., is this a major/minor requirement, core requirement or a general university or degree requirement?
2. Petitions should be processed as soon as there is a projected need.
3. Give as much information as possible about the course that will be substituted, replaced or waived—course ID, title, number of credits, name of transfer institution (especially if course transferred in as an elective), etc.
4. Provide any copied documentation that is necessary to support the justification.
5. Use separate petition forms for Major/Minor requirement petitions, Core requirement petitions, and General University and Degree requirement petitions (up to 3 of the same type can be requested on one form).
6. Get the appropriate signatures for the type of petition that is being processed.

(Examples from the Graduation Office)

# Undergraduate Petition Form


File Edit Go To Favorites Help

Back Forward Stop Home Search Favorites Print Copy Paste

Address <http://www.usf.edu/reg/forms/petition.pdf> Go Links

1 / 1 82% Sign Review & Comment Find

Please fill out the following form. Highlight Fields

**UNIVERSITY OF ALASKA FAIRBANKS**  
**UNDERGRADUATE PETITION FORM**

Your decision will be mailed to you at the address below.  
Please indicate your name and current mailing address.  
*(This is an enumerable PDF. Please fill out online or print it out and use a typewriter or write neatly with a pen.)*

PETITION TYPE: \_\_\_\_\_  
(Core Curriculum, Major or Minor Degree Req., etc.)

CAMPUS: \_\_\_\_\_  
(Fairbanks, Kotzebuk, Northwest, etc.)

MAJOR: \_\_\_\_\_

DEGREE: \_\_\_\_\_  
(B.S., B.A., B.ED. etc.)

EXPECTED DATE OF GRADUATION: \_\_\_\_\_

SID#: \_\_\_\_\_

Use separate forms for core curriculum petitions, major or minor degree requirement petitions and petitions for other requirements. (For petitions seeking to waive or substitute degree requirements or other matters on the basis of disability, the UAF Coordinator of Disability Services will be consulted.)

1. I hereby petition to:

Justification:

2. I hereby petition to:

Justification:

Date \_\_\_\_\_ Approved 1\_\_2\_\_ Disapproved 1\_\_2\_\_  
(Advisor)

Date \_\_\_\_\_ Approved 1\_\_2\_\_ Disapproved 1\_\_2\_\_  
(Department Chair)

Date \_\_\_\_\_ Approved 1\_\_2\_\_ Disapproved 1\_\_2\_\_  
(Dean)

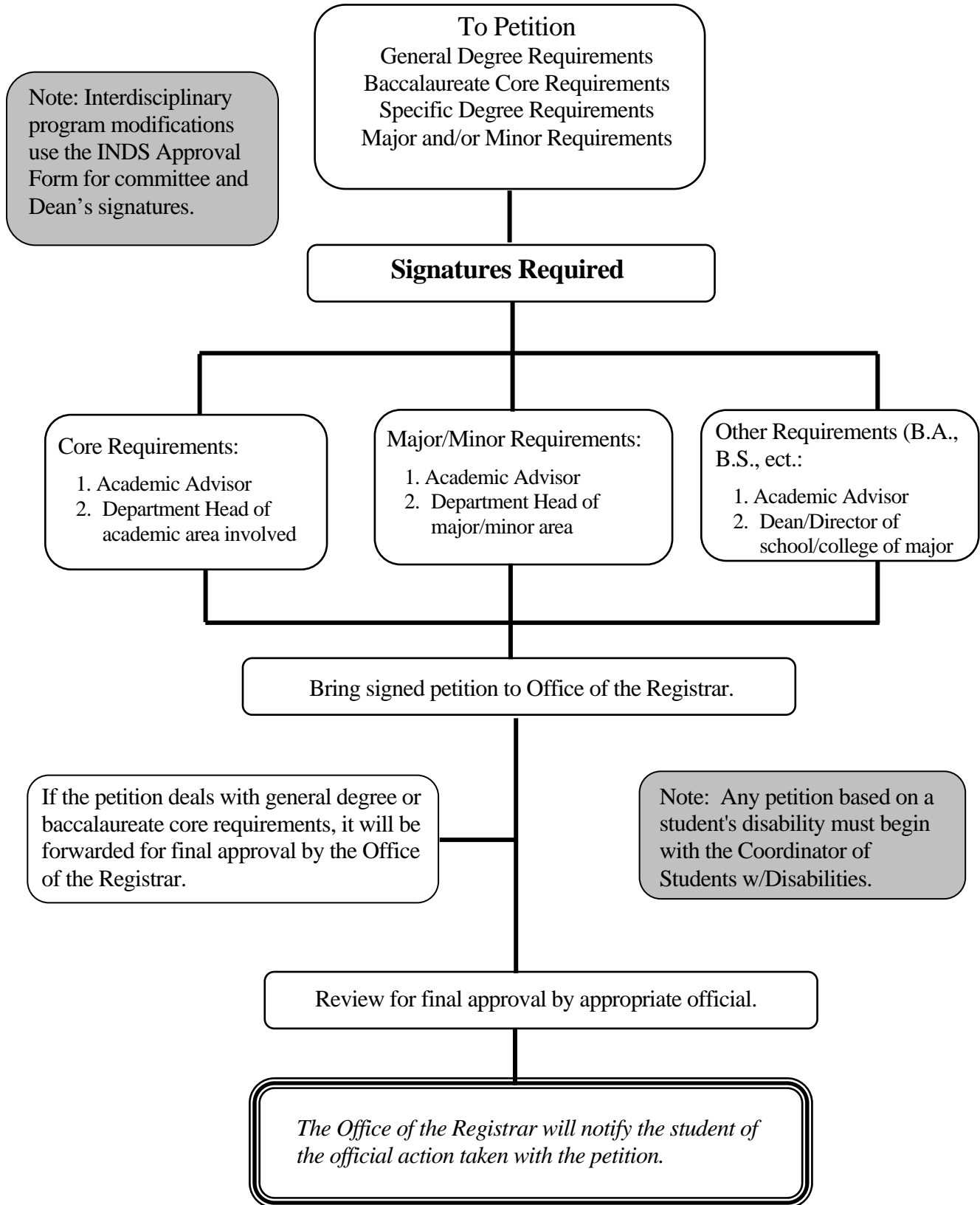
Date \_\_\_\_\_ Approved 1\_\_2\_\_ Disapproved 1\_\_2\_\_

**SIGNATURES REQUIRED FOR:**  
Core Curriculum Petitions - Advisor and the head of the department of the academic area involved.  
Major or Minor Degree Requirement Petitions - Advisor and the department or program head of your major or minor area.  
Petitions for Other Requirements - Advisor and the dean or director of the college or school in which your major is located.

Return form to the Office of the Registrar

Done Unknown Zone

## Petition Flow Chart



## Transfer of Credit

### *Transfer within the UA system*

2007-2008 UAF Catalog

<b>UA system 2006–2007 table of substitutions</b> Use this course substitution chart to determine how individual courses that meet UAA or UAS general education requirements may substitute for individual UAF baccalaureate core courses.			
Baccalaureate Core Requirements (number of credits needed)	To meet these UAF core course requirements:	Use any of these UAA general education courses:	Use any of these UAS general education courses:
<b>Communication (9 cr)</b>			
Written Communication (3 cr)	ENGL 111X or 190H	ENGL 111	ENGL 111
Written Communication (3 cr)	ENGL 211X or 213X	ENGL 211, 212, 213, 214, 311, 312 or 414	ENGL 211, 212
Oral Communication (3 cr)	COMM 131X or 141X	COMM 111, 235, 237 or 241	COMM 111, 235, 237, 241
<b>Perspectives on the human condition (18 cr)*</b>			
History (3 cr) Political Economy (3 cr) Social Culture (3 cr)	HIST 100X ECON/PS 100X ANTH/SOC 100X	ANTH 101, 200, 202, 250 BA 151 ECON 201, 202; ENVI 201; GEOG 101; HIST 101, 102, 121, 122, 131, 132, 341; HS 220; HUMS 106; INTL 301; JPC 101; JUST 110, 330; PARL 101; PS 101, 102, 311, 351; PSY 111, 150; SOC 101, 201, 202, 222, 342, 351; SWK 106, 243; WS 200	ANTH 101, 202, 211 ECON 201, 202 GEOG 101; GOVT 101, 102, 230, 251; HIST 105, 106, 131, 132; PSY 101, 250; SOC 101, 201
Literature (3 cr)	ENGL/FL 200X	ART 261, 262, 367; ENGL 121, 201, 202, 301, 302, 305, 306, 307, 310, 383, 445; HIST 101, 102, 121, 122, 131, 132, 341; HUM 211, 212, 250; JPC 215, 367 (Languages: AKNS 201, ASL, CHIN, FREN, GER, ITAL, JPN, KOR, LAT, RUSS, SPAN 101, 102, 201, 202); LING 101; MUS 221, 222; PHIL 101, 201, 211, 212, 301, 313B, 314; PS 331, 332, 333; THR 311, 312, 411, 412; WS 200	ENGL 215, 223, 224, 225, 226, 261; HIST 105, 106, 131, 132; HUM 120; JOUR 101; (Languages: AKL, ASL, FREN, SPAN, RUSS 101, 102 or other approved world languages); PHIL 101, 201, 271
Aesthetics (3 cr)	ART/MUS/THR 200X, or HUM 201X, or ANS 202X	ART 160, 261, 262, 367; DNCE 170; JPC 367; MUS 121, 221, 222; THR 111, 311, 312, 411, 412	ART/MUS/THR 100; ART 160, 261, 262; MUS 123; THR 211, 212
Ethics (3 cr)	BA 323X, or COMM 300X, or JUST 300X, or NRM 303X, or	PHIL 301, 302, 303, 304, 405; PS 332, 333	PHIL 301

	PS 300X, or PHIL 322X		
<b>Foreign language option</b>			
*OR complete 12 cr from the Perspectives on the Human Condition options above, plus 2 semester-length courses in a single Alaska Native language or other non-English language or 3 semester-length (9 cr) in American Sign Language at the university level.			
<b>Mathematics (3 cr)</b>			
	MATH 107X, 131X, 161X, 200X, 201X, 202X, 262X, or 272X, or any math course having one of these as a prerequisite	AS 252, 307; MATH 107, 108, 109; MATH 200, 201; MATH 270, 272	MATH 107, 131 (or higher mathematics course for bachelor's degree); STAT 107
<b>Natural sciences (8 cr)</b>			
Complete any two 4-cr natural science courses with lab sections	ATM 101X BIOL 100X, 103X, 104X, 105X, 106X, 111X, 112X CHEM 100X, 103X, 104X, 105X, 106X GEOG 205X GEOS 100X, 101X, 112X, 120X, 125X MSL 111X PHYS 102X, 103X, 104X, 115X, 116X, 175X, 211X, 212X, 213X	ASTR 103, 104 BIOL 102, 103, 111, 112, 115, 116, 178, 179 CHEM 103, 104, 105, 106 ENVI 202 GEOG 205 GEOL 111, 112, 115, 178, 179 LSIS 101, 102, 201, 202; PHYS 101, 123, 124, 211, 212 (must include at least 2 cr of lab to meet UAF core requirement)	ANTH 205 ASTR 225 BIOL 103, 104, 105, 106, 111, 112 CHEM 100, 103, 105, 106 ENVS 101 GEOG 205 GEOL 104, 105; PHIL 206; PHYS 102, 103, 104, 209, 211, 212 (must include at least 2 cr of lab to meet UAF core requirement)

## *Transfer Credit by License / Certificate*

In addition to the credit accepted for transfer to UAF through accredited institutions and military educational experiences, UAF awards credit for specified national/state authorizations, certificates, credentials, and/or examinations. A certificate/license must be current at the time it is presented for credit, and the student must be actively pursuing a degree program at UAF (admitted and enrolled).

Official listing of all approved professional programs accepted at UAF is maintained in the Office of Admissions. Additions to this list must be submitted through the normal School/College curriculum review process, which are forwarded to the Curricular Affairs Committee of the Faculty Senate.

### **Approved Awards for Government and Professional Certificates and Training Programs** **Updated 7/27/2005**

The following listing details the approved certificates and their designated course equivalencies at UAF. A certificate must be current at the time it is presented for award, and the student must be actively pursuing a degree program at UAF (admitted and enrolled).

#### **Alaska Commission for Chemical Dependency Certifications**

Counselor Technician				
HSV 125	Intro to Addictive Processes	3 credits		
HSV 250	Current Issues in Human Services	6 credits	9 credits	
Counselor I				
HSV 125	Intro to Addictive Processes	3 credits		
HSV 215	Individual Interviewing	3 credits		
HSV 250	Current Issues in Human Services	6 credits	12 credits	
Counselor II				
HSV 125	Intro to Addictive Processes	3 credits		
HSV 215	Individual Interviewing	3 credits		
HSV 250	Current Issues in Human Services	6 credits		
HSV 305	Substance Abuse Counseling	3 credits	15 credits	
Clinical Supervisor				
HSV 125	Intro to Addictive Process	3 credits		
HSV 205	Group Counseling	3 credits		
HSV 215	Individual Interviewing	3 credits		
HSV 250	Current Issues in Human Services	6 credits		
HSV 305	Substance Abuse Counseling	3 credits	18 credits	

#### **Alaska Voc-Teck Center (AVTEC) Informations Technology Cetificate**

CIOS 103	Computer Survey	2 credits		
CIOS 146	Using the Internet	1 credit		
CIOS 210	Hardward & Software Config & Troubleshoot	3 credits		
CIOS 110	Microcomputer Operation Systems	3 credits		
CIOS 245	Netwrk/Comm: Cisco I	3-4 credits		
CIOS 247	Netwrk/Comm: Cisco II	3-4 credits		
CIOS 247	Netwrk/Comm: Cisco III	3-4 credits		
CIOS 247	Netwrk/Comm: Cisco IV	3-4 credits		
CIOS 276	Independent Project	3 credits		
CIOS 282	Cooperative Work Experience	3 credits	27-31 credits	

**American Association of Professional Coders (AAPC)**

Healthcare Reimbursement Credential		
HLTH 100	Medical Terminology	3 credits
HLTH 235	Medical Coding	4 credits

**National Council for Early Childhood Professional Recognition**

CDA Credential (Preschool Endorsement)		
CDA Credential (Infant Toddler Endorsement)		
CDA Credential (Family Child Care Setting)		
ECE 112	Healthy Env for Young Children	1 credit
ECE 113	Safe Env for Young Children	1 credit
ECE 172	Professionalism	1 credit
ECE 1	Early Childhood Elective	3 credits
		6 credits

**IAAP - Institute for Certification**

**Certified Administrative Professional Exam (CAP)**

ABUS 154	Human Relations	3 credits	
ABUS 179	Fundamentals of Supervision	3 credits	
ABUS 241	Applied Business Law	3 credits	
ACCT 261/262	Accounting	6 credits	
BA 151	Introduction to Business	3 credits	
CIOS 109	Keyboarding III - Adv Typing	3 credits	
CIOS 150	Computer Applications OR		
AIS 101	Effective Personal Computer Use	3 credits	
CIOS 260	Business Communications	3 credits	
CIOS 264	Filing/Records Management	3 credits	
CIOS 265	Office Management	3 credits	
ECON 202	Macro Economics	3 credits	
ABUS 2	Leadership	3 credits	
ABUS 231	Intro to Personnel	3 credits	
ABUS 232	Contemp Management Issues	3 credits	45 credits

**Certified Professional Secretary Examination (CPS)**

ABUS 154	Human Relations	credits	
ABUS 179	Fundamentals of Supervision	3 credits	
ABUS 241	Applied Business Law	3 credits	
ACCT 261/262	Accounting Concepts & Uses	6 credits	
BA 151	Introduction to Business	3 credits	
CIOS 109	Keyboarding III/Inter Typing	3 credits	
CIOS 150	Computer Business Applications OR		
AIS 101	Effective Personal Computer Use	3 credits	
CIOS 260	Business Communications	3 credits	
CIOS 264	Filing/Records Management	3 credits	
CIOS 265	Office Management	3 credits	
ECON 202	Macro Economics	3 credits	36 credits

**Certified Payroll Professional Examination**

ABUS 211	Tax for Business Entities	2 credits	
ABUS 141	Payroll Accounting	3 credits	
ABUS 155	Business Math	2 credits	
ABUS 231	Introduction to Personnel	1 credit	
ABUS 142	Office Accounting	3 credits	
CIOS 150	Computer Business Applications	1 credit	12 credits

**Educational Institute of the American Culinary Federation Certificates**

**Certified Baker or Cook**

CAH 105	Principles of Food Service	3 credits
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CAH 140	Food Production I	5 credits	
CAH 145	Bakery Production I	5 credits	
CAH 150	Sanitation	1 credit	
CAH 152	Supervisory Development	2 credits	
CAH 161	Pastry Tube Art	1 credit	17 credits

**Certified Working Chef**

CAH 105	Principles of Food Service	3 credits	
CAH 140	Food Production I	5 credits	
CAH 141	Food Production II	5 credits	
CAH 145	Bakery Production I	5 credits	
CAH 150	Sanitation	1 credit	
CAH 152	Supervisory Development	2 credits	
CAH 161	Pastry Tube Art	1 credit	
CAH 242	Food Production III	5 credits	
CAH 253	Storeroom Purchasing & Receiving	2 credits	29 credits

**Certified Executive Chef**

CAH 105	Principles of Food Service	3 credits	
CAH 140	Food Production I	5 credits	
CAH 141	Food Production II	5 credits	
CAH 145	Bakery Production I	5 credits	
CAH 146	Bakery Production II	5 credits	
CAH 150	Sanitation	1 credit	
CAH 152	Supervisory Development	2 credits	
CAH 161	Pastry Tube Art	1 credit	
CAH 242	Food Production III	5 credits	
CAH 243	Food Production IV	5 credits	
CAH 250	Garde Manger	2 credits	
CAH 253	Storeroom Purchasing & Receiving	2 credits	41 credits

**Certified Pastry Chef**

CAH 105	Principles of Food Service	3 credits	
CAH 140	Food Production I	5 credits	
CAH 145	Bakery Production I	5 credits	
CAH 146	Bakery Production II	5 credits	
CAH 150	Sanitation	1 credit	
CAH 152	Supervisory Development	2 credits	
CAH 161	Pastry Tube Art	1 credit	
CAH 247	Bakery Production III	5 credits	
CAH 253	Storeroom Purchasing & Receiving	2 credits	29 credits

**Certified Executive Pastry Chef**

CAH 105	Principles of Food Service	3 credits	
CAH 140	Food Production I	5 credits	
CAH 141	Food Production II	5 credits	
CAH 145	Bakery Production I	5 credits	
CAH 146	Bakery Production II	5 credits	
CAH 150	Sanitation	1 credit	
CAH 152	Supervisory Development	2 credits	
CAH 161	Pastry Tube Art	1 credit	
CAH 247	Bakery Production III	5 credits	
CAH 248	Bakery Production IV	5 credits	
CAH 253	Storeroom Purchasing & Receiving	2 credits	39 credits

**The National Institute of Automotive Service Excellence (ASE)**

**Automobile Tests**

Automatic Transmission/Transaxle

	ELECTIVE	200 level	4 credits	
Brakes	ELECTIVE	100 level	4 credits	
Electrical Systems	ELECTIVE	100 level	4 credits	
Engine Performance	ELECTIVE	200 level	4 credits	
Engine Repair	ELECTIVE	200 level	4 credits	
Heating and Air Conditioning	ELECTIVE	100 level	4 credits	
Manual Drive Train and Axle	ELECTIVE	100 level	4 credits	
Suspension and Steering	ELECTIVE	100 level	4 credits	
Advanced Engine Performance	ELECTIVE	300 level	4 credits	
<b>Medium/Heavy Truck Tests</b>				
Brakes	ELECTIVE	200 level	5 credits	
Diesel Engines	ELECTIVE	200 level	6 credits	
Drive Train	ELECTIVE	200 level	4 credits	
Electrical Systems	ELECTIVE	100 level	4 credits	
Gasoline Engines	ELECTIVE	100 level	6 credits	
Suspension and Steering	ELECTIVE	100 level	5 credits	
Heating, Ventilation, and A/C	ELECTIVE	200 level	4 credits	
Preventive Maintenance Inspection	ELECTIVE	200 level	4 credits	
Electronic Diesel Engine Diagnosis Specialist	ELECTIVE	300 level	4 credits	
<b>Collision Repair Tests</b>				
Mechanical and Electrical Components	ELECTIVE	200 level	3 credits	
Paint and Refinishing	ELECTIVE	200 level	6 credits	
Non-Structural Analysis and Damage Repair	ELECTIVE	200 level	4 credits	
Structural Analysis and Damage Repair	ELECTIVE	200 level	6 credits	
<b>Engine Machinist Tests</b>				
Cylinder Head Specialist	ELECTIVE	200 level	10 credits	
Cylinder Head Specialist	ELECTIVE	200 level	10 credits	
Assembly Specialist	ELECTIVE	200 level	10 credits	
<b><u>Federal Aviation Administration Certificates or Authorizations</u></b>				
<b>Inspection Authorization</b>				
AFPM 325		Inspection Authorization Prep	2.0 credits	2 credits

**Mechanic's Certificate - Airframe Rating**

AFPM 145	Basic Mathematics	1.0 credit	
AFPM 146	Basic Electricity	2.0 credits	
AFPM 147	Physics for Mechanics	.5 credit	
AFPM 148	Aircraft Drawing	1.0 credit	
AFPM 149	Fluid Lines and Fittings	.5 credit	
AFPM 150	Materials and Processes	2.0 credits	
AFPM 151	Cleaning and Corrosion Control	1.0 credit	
AFPM 152	Federal Aviation Regulations	1.0 credit	
AFPM 153	Weight and Balance	1.0 credit	
AFPM 154	Aircraft Ground Operations & Service	.5 credit	
AFPM 230	Aircraft Electric Systems	2.5 credit	
AFPM 251	Fuel Systems	1.5 credits	
AFPM 253	Transport Category Aircraft	1.0 credits	
AFPM 254	Ice and Rain Control Systems	.5 credits	
AFPM 255	Fire Protection Systems	.5 credits	
AFPM 256	Communication/Navigation Sys	.5 credits	
AFPM 257	Instrument Systems	.5 credits	
AFPM 258	Cabin Atmosphere Control Sys	1.0 credit	
AFPM 259	Hydraulic and Pneumatic Systems	1.5 credits	
AFPM 260	Aircraft Landing Gear Systems	2.0 credits	
AFPM 261	Wood Structures	.5 credits	
AFPM 262	Aircraft Coverings	1.0 credits	
AFPM 263	Aircraft Finishes	.5 credit	
AFPM 264	Sheet Metal Structures	3.5 credits	
AFPM 265	Aircraft Welding	1.5 credits	
AFPM 266	Assembly and Rigging	1.5 credits	
AFPM 267	Aircraft Inspections	.5 credit	
AFPM 270	Airframe Testing	.5 credit	31 credits

**Mechanic's Certificate - Powerplant Rating**

AFPM 145	Basic Mathematics	1.0 credit	
AFPM 146	Basic Electricity	2.0 credits	
AFPM 147	Physics for Mechanics	.5 credit	
AFPM 148	Aircraft Drawing	1.0 credit	
AFPM 149	Fluid Lines and Fittings	.5 credit	
AFPM 150	Materials and Processes	2.0 credits	
AFPM 151	Cleaning and Corrosion Control	1.0 credit	
AFPM 152	Federal Aviation Regulations	1.0 credit	
AFPM 153	Weight and Balance	1.0 credit	
AFPM 154	Aircraft Ground Operations & Service	.5 credit	
AFPM 231	Powerplant Electrical Systems	1.5 credits	
AFPM 235	Reciprocating Engines	5.0 credits	
AFPM 240	Turbine Engines	1.5 credits	
AFPM 244	Lubrication Systems	1.5 credits	
AFPM 245	Ignition Systems	2.0 credits	
AFPM 246	Fuel Metering Systems	2.0 credits	
AFPM 248	Induction Systems	.5 credit	
AFPM 249	Powerplant Cooling Systems	.5 credit	
AFPM 250	Powerplant Exhaust Systems	.5 credit	
AFPM 251	Fuel Systems	1.5 credits	
AFPM 252	Propellers	.5 credit	
AFPM 255	Fire Protection Systems	.5 credit	
AFPM 257	Instrument Systems	.5 credit	
AFPM 271	Powerplant Inspections	.5 credit	
AFPM 272	Powerplant Testing	.5 credit	29.5 credits

**Mechanic's Certificate - Airframe and Powerplant Rating**

AFPM 145	Basic Mathematics	1.0 credit	
AFPM 146	Basic Electricity	2.0 credits	
AFPM 147	Physics for Mechanics	.5 credit	
AFPM 148	Aircraft Drawing	1.0 credit	
AFPM 149	Fluid Lines and Fittings	.5 credit	
AFPM 150	Materials and Processes	2.0 credits	
AFPM 151	Cleaning and Corrosion Control	1.0 credit	
AFPM 152	Federal Aviation Regulations	1.0 credit	
AFPM 153	Weight and Balance	1.0 credit	
AFPM 154	Aircraft Ground Operations & Service	.5 credit	
AFPM 230	Aircraft Electric Systems	2.5 credits	
AFPM 231	Powerplant Electrical Systems	1.5 credits	
AFPM 235	Reciprocation Engines	4.5 credits	
AFPM 240	Turbine Engines	2.0 credits	
AFPM 244	Lubrication Systems	1.5 credits	
AFPM 245	Ignition Systems	2.0 credits	
AFPM 246	Fuel Metering Systems	2.0 credits	
AFPM 248	Induction Systems	.5 credit	
AFPM 249	Powerplant Cooling Systems	.5 credit	
AFPM 250	Powerplant Exhaust Systems	.5 credit	
AFPM 251	Fuel Systems	1.5 credits	
AFPM 252	Propellers	2.0 credits	
AFPM 253	Transport Category	1.0 credit	
AFPM 254	Ice and Rain Control Systems	.5 credit	
AFPM 255	Fire Protection Systems	.5 credit	
AFPM 256	Communication/Navigation Systems	.5 credit	
AFPM 257	Instrument Systems	.5 credit	
AFPM 258	Cabin Atmosphere Control Systems	1.0 credit	
AFPM 259	Hydraulic and Pneumatic Systems	1.5 credits	
AFPM 260	Aircraft Landing Gear Systems	1.5 credits	
AFPM 261	Non Metallic Structures	1.0 credit	
AFPM 262	Aircraft Coverings	1.0 credit	
AFPM 263	Aircraft Finishes	.5 credit	
AFPM 264	Sheet Metal Structures	3.0 credits	
AFPM 265	Aircraft Welding	1.5 credits	
AFPM 266	Assembly and Rigging	1.5 credits	
AFPM 267	Aircraft Inspections	.5 credit	
AFPM 270	Airframe Testing	.5 credit	
AFPM 271	Power plant Inspections	.5 credit	
AFPM 272	Power plant Testing	.5 credit	49 credits

**Flight Instructor's Certificate - Airplane or Rotorcraft Rating**

AVTY 202	Flight Instructor Ground School	3.0 credits	
AVTY 203	Flight Instructor Flight Training	2.0 credits	5 credits

**Flight Instructor's Certificate - Airplane Instrument or Rotorcraft Instrument Rating**

AVTY 205	Instrument Instructor Flying	3.0 credits	3 credits
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**Pilot's Certificate - Airline Transport Pilot**

AVTY 100	Private Pilot Ground School	4.0 credits	
AVTY 101	Private Pilot Flight Training	2.0 credits	
AVTY 102	Commercial Ground Instructor	3.0 credits	
AVTY 103	Commercial Flight Training	2.0 credits	
AVTY 200	Instrument Ground School	4.0 credits	
AVTY 201	Instrument Pilot Training	2.0 credits	
AVTY 206	ATP Ground Instruction	4.0 credits	
AVTY 207	ATP Flying	2.0 credits	23 credits

**Pilot's Certificate - Commercial Pilot**

AVTY 100	Private Pilot Ground School	4.0 credits	
AVTY 101	Private Pilot Flight Training	2.0 credits	
AVTY 102	Commercial Ground Instructor	3.0 credits	
AVTY 103	Commercial Flight Training	2.0 credits	11 credits

**Pilot's Certificate - Private Pilot – Single Engine Land Rating**

AVTY 100	Private Pilot Ground School	4 credits	
AVTY 101	Private Pilot Flight Training	2 credits	6 credits

**Pilot's Certificate - Private or Commercial Pilot - Instrument Rating**

AVTY 200	Instrument Ground School	4 credits	
AVTY 201	Instrument Flight Training	2 credits	6 credits

**Pilot's Certificate - Private, Comm or Airline Transport Pilot - Seaplane Rating**

AVTY 105	Seaplane Flight Training	1 credit	
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**Pilot's Certificate - Private, Comm or Airline Transport Pilot - Multi-Engine Rating**

AVTY 107	Multi-Engine Flight Training	1 credit	
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**Federal Aviation Administration Examinations**

(Award will be based upon successful completion with a minimum score of 70% and a current certificate-dated within a 24 calendar month period)

## Private Pilot Written Exam

AVTY 100	Private Pilot Ground School	4 credits	
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## Commercial Pilot Written Exam

AVTY 102	Commercial Ground Instruction	3 credits	
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## Instrument Written Exam

AVTY 200	Instrument Ground School	4 credits	
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## Airline Transport Pilot Written Exam

AVTY 206	ATP Ground Instruction	4 credits	
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## Fundamentals of Instructions and Certified Flight Instructor Written

AVTY 202	Flight Instructor Ground School	3 credits	
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Flight Engineer - Reciprocating, Flight Engineer - Turboprop or  
Flight Engineer - Turbojet

AVTY 226	Flight Engineer Ground School	4 credits	
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**Military Training School Certificates**

## USAF Arctic Survival Course, SC-87A

AVTY 231	Arctic Survival	3 credits	
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## US Army Cold Weather Leaders &amp; Ski Trainers Course, 00-03

AVTY 231	Arctic Survival	3 credits	
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Apprentice Fire Protection Specialist Course Certificate  
(USAF X3ABR3E731 or ARMY 51M10)

FIRE 101	Principles of Emergency Services	3 credits	
FIRE 107	Strategy and Tactics	3 credits	
FIRE 117	Rescue Practices	3 credits	
FIRE 105	Fire Prevention	3 credits	12 credits

## Basic Military Training

MILS 101	Foundations of Officership	2 credits	
MILS 102	Basic Leadership	2 credits	
MILS 201	Individual Leadership Studies	3 credits	
MILS 202	Leadership and Teamwork	3 credits	10 credits

**U.S. Environmental Protection Agency (EPA) courses/certificates**

Hazardous Waste/Materials Technician Certificate  
(EPA course #165.5 or 165.15 or OSHA course #1910.120)  
FIRE 207 Hazardous Materials Technician 3 credits

**US Department of Defense, Firefighter Certificates**

Hazardous Materials Technician Certificate  
FIRE 207 Hazardous Materials Technician 3 credits

**National Wildland Fire Coordinating Group Skill and Incident Command System Certificates**

I-200 Basic ICS Certificate  
I-220 Basic ICS Certificate  
S-130 Emergency Fire Fighter (EFF) Certificate  
S-190 Emergency Fire Fighter (EFF) Certificate  
S-211 Portable Pumps and Water Use Certificate  
S-212 Chainsaws Certificate  
FIRE 151 Wildland Fire Control 3 credits

S-290 Intermediate Wildland Fire Behavior Certificate  
S-390 Fire Behavior Certificate  
FIRE 155 Wildland Fire Behavior 3 credits

S-217 Interagency Helicopter Training Certificate  
S-270 Basic Air Operations Certificate  
I-271 Helibase Manager Certificate  
I-272 Helispot Manager Certificate  
FIRE 157 Wildland Air Operations and Safety 3 credits

S-230 Crewboss Certificate  
I-330 Task Force/Strike Team Leader Certificate  
S-205 Fire Operations - Urban Interface Certificate  
FIRE 159 Wildland Fire Operations Function 3 credits

I-252 Ordering Manager Certificate  
I-253 Receiving and Distribution Manager Certificate  
I-254 Base/Camp Manager Certificate  
I-255 Equipment Manager Certificate  
I-359 Medical Unit Leader Certificate  
FIRE 161 Wildland Fire Logistics Function 3 credits

I-248 Check-in/Status Recorder Certificate  
I-342 Documentation Unit Leader Certificate  
I-346 Situations Unit Leader Certificate  
I-348 Resource Unit Leader Certificate  
FIRE 165 Wildland Fire Planning Function 3 credits

S-260 Fire Business Management Certificate  
S-261 Personnel Time Recorder Certificate  
S-262 Equipment Time Recorder Certificate  
S-264 Compensation for Injury Certificate  
S-266 Commissary Manager Certificate  
FIRE 254 Wildland Fire Finance Function 3 credits

S-234 Firing Methods and Procedures Certificate  
S-336 Wildland Fire Suppression Tactics Certificate  
FIRE 262 Wildland Fire Control II 3 credits

S-200 First Attach Incident Commander/Single Resource Certificate

S-201 Fire Supervision Certificate		
S-300 Incident Commander Multiple Resource/Extended Attack		
FIRE 270	Wildland Fire Command Function	3 credits

**National Fire Academy**

<b>Command &amp; Control of Incident Operations (R831)</b>		
FIRE 107	Strategy & Tactics	3 credits

<b>Executive Skills Series – Managing &amp; Leading</b>		
FIRE F1 (100-level elective)		1 credit

<b>Fire Service Communication</b>		
COMM 141X	Fundamentals of Oral Comm: Public	3 credits

<b>Interpersonal Dynamics in Fire Service Organizations (R332)</b>		
COMM 141X	Fundamentals of Oral Comm: Public	3 credits

**State of Alaska Dept of Public Safety, Division of Fire Prevention, Fire Service Training Section Certificates**

<b>Fire Fighter I Certificate</b>			
FIRE 131	Fire Fighter I, Series 1	3 credits	
FIRE 133	Fire Fighter I, Series 2	3 credits	
FIRE 135	Fire Fighter I, Series 3	3 credits	
FIRE 137	Fire Fighter I, Series 4	3 credits	12 credits

<b>Fire Service Instructor I</b>		
FIRE 216	Methods of Instr for Emergency Service Trng	3 credits

<b>Fire Fighter II Certificate</b>		
FIRE 232	Fire Fighter II	3 credits

**State of Alaska Dept of Health & Social Services, Div of Public Health, Emergency Medical Services Certificates**

<b>Emergency Trauma Training (ETT) Certificate</b>		
EMS 152	Emergency Trauma Training	3 credits

<b>Emergency Medical Technician I Certificate</b>		
EMS 170	Emergency Medical Technician I	6 credits

<b>Emergency Medical Technician II Certificate</b>			
EMS 170	Emergency Medical Technician I	6 credits	
EMS 261	Emergency Medical Technician II	3 credits	9 credits

<b>Emergency Medical Technician III Certificate</b>			
EMS 170	Emergency Medical Technician I	6 credits	
EMS 261	Emergency Medical Technician II	3 credits	
EMS 265	Emergency Medical Technician III	2 credits	11 credits

<b>Paramedic License</b>			
EMS 180	Paramedicine I	8 credits	
EMS 182	Paramedicine II	8 credits	
EMS 186	Clinical Rotation I	4 credits	
EMS 271	Paramedicine III	9 credits	
EMS 275	Clinical Rotation II	4 credits	
EMS 277	Clinical Rotation III	3 credits	
EMS 283	Paramedic Internship	12 credits	48 credits

**Physician's Assistant Certification**

BIOL 211X	Human Anatomy & Physiology I	4 credits
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BIOL 212X	Human Anatomy & Physiology II	4 credits	
PSY 101	Intro to Psychology	3 credits	
HMSV 205	Factors in Health & Disease	3 credits	
HMSV 225	Case Management	3 credits	
HMSV 230	Alcoholism: Causes & Con	3 credits	
HMSV 284	Human Services Seminar	3 credits	
HMSV 410	Mgmt of Human Serv Prog	3 credits	
HMSV 415	Group Processes	3 credits	
HMSV 445	Community Psychology	3 credits	
HMSV 488	Practicum in Human in Services	6 credits	
EMS 170	Emer Med Tech I	6 credits	
EMS 261	Emer Med Tech II	3 credits	47 credits

**Radiologic Technologists Certification**

CIOS 200	Medical Terminology	3 credits	
ELECTIVE	100 level	8 credits	
BIOL 211X	Human Anatomy & Physiology I	4 credits	
BIOL 212X	Human Anatomy & Physiology II	4 credits	
NSCI 2NLX	Natural Science Elective w/Lab	4 credits	
ELECTIVE	200 level	9 credits	
ELECTIVE	300 level	3 credits	35 credits

**National Registry of Radiation Protection Technologists (NRRPT)**

ELECTIVE	100 level	6 credits	
ELECTIVE	300 level	24 credits	30 credits

**Journeyman Status in Electrical Trades**

DRT 121	Reading Construction Blueprints	3 credits	
DRT 123	Uniform Building Code	3 credits	
ELT 1	Arithmetic for AC Circuits	3 credits	
ELT 1	Arithmetic for DC Circuits	3 credits	
ELT 1	Electronic Circuit Fundamentals	3 credits	
ELT 101	Basic Electronics: DC Physics	4 credits	
ELT 102	Basic Electronics: AC Physics	4 credits	
ELT 171	National Electric Code Study	3 credits	
HLTH 120	Industrial First Aid	1 credit	
TTCH 105	Basic Electrical Wiring	1 credit	
TTCH 106	Residential Electrical Systems	3 credits	
TTCH 133	Basic Hand and Power Tools	3 credits	
TTCH 300	Internship in Technology	3 credits	37 credits

**Journeyman Status in Plumbing Trades**

TTCH 100	Plumbing Electives	18 credits	
TTCH 200	Plumbing Electives	18 credits	
TTCH 300	Internship in Technology	3 credits	39 credits

**Journeyman Status in Carpentry Trades**

TTCH 100	Carpentry Electives	18 credits	
TTCH 200	Carpentry Electives	18 credits	
TTCH 300	Internship in Technology	3 credits	39 credits

**US Dept of Labor Apprenticeship – Baker**

CAH 100	Culinary Arts Elective	18 credits	
CAH 200	Culinary Arts Elective	18 credits	36 credits

**Certified Dental Assistant Credential**

HLTH 132	Administrative Procedures I	2 credits	
HLTH 150	Dental Radiography	4 credits	

HLTH 151	Dental Infection Control	2 credits	
HLTH 152	Dental Materials & Applications	4 credits	
HLTH 251	Clinical Chairside I	4 credits	
HLTH 252	Clinical Chairside II	4 credits	
HLTH 253	Clinical Chairside III	4 credits	
HLTH 254	Dental Assistant Practicum	4 credits	28 credits

**Certified Medical Assistant Credential (RMA or CMA)**

HLTH 100	Medical Terminology	3 credits	
HLTH 118	Medical Law & Ethics	2 credits	
HLTH 132	Administrative Procedures I	2 credits	
HLTH 142	Clinical Procedures I	4 credits	
HLTH 244	Clinical Procedures II	4 credits	
HLTH 234	Administrative Procedures II	4 credits	19 credits

**Dental Assisting National Board's Radiology Health & Safety Exam: Dental Radiography Credential**

HLTH 150	Dental Radiography	4 credits	
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**Dental Assisting National Board's Infection Control Exam; Dental Infection Control Credential**

HLTH 151	Dental Infection Control	2 credits	
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**National Registry of Emergency Medical Technicians**

Emergency Trauma Training (ETT) Certificate			
EMS 152	Emergency Trauma Training	3 credits	
Emergency Medical Technician I Certificate			
EMS 170	Emergency Medical Technician I	6 credits	
Emergency Medical Technician II Certificate			
EMS 170	Emergency Medical Technician I	6 credits	
EMS 261	Emergency Medical Technician II	3 credits	9 credits
Emergency Medical Technician III Certificate			
EMS 170	Emergency Medical Technician I	6 credits	
EMS 261	Emergency Medical Technician II	3 credits	
EMS 265	Emergency Medical Technician III	2 credits	11 credits
Paramedic Certificate			
EMS 180	Paramedicine I	8 credits	
EMS 182	Paramedicine II	8 credits	
EMS 186	Clinical Rotation I	4 credits	
EMS 271	Paramedicine III	9 credits	
EMS 275	Clinical Rotation II	4 credits	
EMS 277	Clinical Rotation III	3 credits	
EMS 283	Paramedic Internship	12 credits	48 credits

**American Council on Education "Healthy Children Project, Inc."**

Course #501			
	HLTH Elective F2 Credit	3 credits	
Course #502			
	HLTH Elective F2 Credit	2 credits	

High School TECH PREP AWARD – Fall 2007

**UAF and North Star Borough School District and Delta School District**

Please contact Tanana Valley Campus for the current Tech Prep information 455-2832.