

University of Alaska Fairbanks (UAF) College of Business & Security Management and El Camino College Articulation Agreement

Introduction

This Articulation Agreement recognizes that the College of Business & Security Management at the University of Alaska Fairbanks (UAF) located in Fairbanks, AK and El Camino College located in Torrance, CA are active educational partners committed to providing greater educational opportunities and services for students transferring between institutions. This agreement supports the concept of a seamless transfer embracing the principle that transfer students should not be required to repeat competencies already achieved. The College of Business & Security Management at UAF and El Camino College enter into this agreement in the spirit of cooperation and mutually recognize each other as quality institutions of higher learning. The College of Business & Security Management at UAF and El Camino College are developing a pathway that will better allow students in certain degree areas easier access to a baccalaureate degree. When a pathway is laid out for students to follow, it makes it much easier for them to continue on in their education and likewise be more successful at the baccalaureate level.

Purpose

The purpose of the agreement is to enable El Camino College students who transfer to The College of Business & Security Management at UAF to carry with them the credit they have already earned for as much relevant study as possible. The agreement provides a structure through which transfer articulation on all levels can be supported. The College of Business & Security Management at UAF understands and agrees that transfer articulation is with El Camino College. Courses taken at any El Camino College location and by any delivery method are considered equally transferable. The goal of this document is to make it easier for El Camino College graduates from certain programs to transfer to the College of Business & Security Management at the University of Alaska Fairbanks to continue on with their undergraduate coursework.

Terms and Conditions

- 1- This agreement will be reviewed every **four years** by both institutions and any amendments must be proposed in signed writing.
- 2- The Appendix of the agreement that contains the crosswalk(s) may be amended as necessary to ensure relevant information is accurate and current.
- 3- Both institutions will designate an individual who will be responsible for the maintenance of the agreement.

- 4- Neither party assumes any financial responsibility through signature on the agreement and any commitment of resources by either university for collaborative activities will require review and approval by both parties.
- 5- **El Camino College** students who desire to transfer to The College of Business & Security Management at UAF must meet the same standards and criteria for admission to a major degree sequence as an original College of Business & Security Management UAF student.
- 6- **El Camino College** will encourage transfer students to complete the appropriate Associates Degree before matriculation to the College of Business & Security Management at UAF.
- 7- **El Camino College** and the College of Business & Security Management at UAF agree to cooperate in communicating information about this agreement. Each institution will: assume responsibility for appropriate marketing to reach their respective student populations, and will annually review the agreement and update the articulation webpage as necessary. Any use of the UAF logo will be in accordance with [UAF logo usage guidelines \(https://www.uaf.edu/universityrelations/guidelines/logos/index.php\)](https://www.uaf.edu/universityrelations/guidelines/logos/index.php) and approved by UAF in advance by emailing uaf-logo@alaska.edu.
- 8- The College of Business & Security Management at UAF agrees to invite **El Camino College** to applicable campus-wide events and etc. The Transfer Advisors at the College of Business & Security Management at UAF will issue the invitation. **El Camino College** agrees to invite the College of Business & Security Management at UAF to campus transfer fairs and other applicable campus-wide events. **El Camino College Transfer Center** will issue the invitation to the College of Business & Security Management at UAF Academic Advisors.
- 9- **El Camino College** and the College of Business & Security Management at UAF agree to post information about their partnership and transfer opportunities on their web sites.
 - a. Both **El Camino College** and UAF recognize that they will disclose to each other personally identifiable information from student education records to perform their respective obligations under this Agreement, including, but not limited to, academic, enrollment, and financial aid information, such as academic standing, progress, and grades. The Parties further recognize that they are both subject to the FERPA which limits the use, disclosure, and redisclosure of such information. Pursuant to their obligations under FERPA, the Parties agree to hold education records in strict confidence and to not use or disclose information from education records except as permitted by law or this Agreement. The Parties and their officers, employees, and agents shall use the information only for the purposes for which the disclosure was made. The Parties shall not disclose the information to any other party without the prior consent of the student except as permitted by law. These obligations shall extend to any contractor or subcontractor of the Parties. In addition, the Parties agree to comply with all applicable state and federal privacy laws, including but not limited to the Alaska Personal Information Protection Act.
- 10- The University of Alaska is an affirmative action/equal opportunity employer and educational institution and prohibits illegal discrimination against any individual. The University of Alaska and **El Camino College** subscribe to the policy of equal opportunity and will not discriminate on the basis of race, religion, color, national origin, citizenship, age, sex, physical or mental disability, status as a protected veteran, marital status, changes in marital status, pregnancy, childbirth or related medical conditions, parenthood, sexual orientation, gender identity, political affiliation or belief, genetic information, or other legally protected status. The University of Alaska's commitment to nondiscrimination, including against sex

discrimination, applies to students, employees, and applicants for admission and employment. Both institutions shall abide by these principles in the administration of this agreement and neither institution shall impose criteria which would violate the principles of non-discrimination. Both parties agree to comply with Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, and related regulations, and further shall comply with all applicable federal and state laws, rules, regulations, and Executive Orders. The University is required to follow Board of Regents' Policy and University Regulation regarding harassment and discrimination reporting and investigation, regardless of where the alleged conduct occurs; the **El Camino College** agrees to cooperate with any related processes, including interim measures and investigation. Contact information, applicable laws, and complaint procedures are included on the University of Alaska's statement of nondiscrimination available at <https://www.alaska.edu/nondiscrimination>.

Course and Program Transfer Crosswalks

Academic crosswalks outlining the course-by-course transfer of courses and/or specific programs, UAF transfer agreement details (*i.e. minimal transferable grade, GER waivers, etc*) and **El Camino College** transfer agreement details may be included in the appendix section of this agreement. Parties agree to have ongoing communication about any course and program changes during the time of the agreement.

El Camino College Information

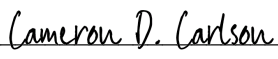
El Camino College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges. The College opened its doors in 1946 and has grown enrollment from a modest 450 to 34,500 students, 963 instructors, and over 150 degree and certificate programs. The institution confers over 3,000 associate degrees and 700 certificates in major skill areas each academic year. El Camino continues to rank in the top ten in transferring students to public, out of state, and private institutions each year.

Mission Statement: El Camino College makes a positive difference in people's lives. We provide excellent comprehensive educational programs and services that promote student learning and success in collaboration with our diverse communities.

Review and Maintenance


This agreement will be in effect beginning March 15, 2022 upon signing by both institutions and shall remain effective until one or both institutions deem it necessary to terminate the agreement. The agreement will be re-evaluated every **four years**. Either partner may terminate this agreement upon 90 days signed, written notice to the other partner. In the event of termination, the parties will make good faith efforts to allow currently placed students to complete their placements.

Signatures:

University of Alaska Fairbanks
DocuSigned by:

 March 17, 2022


17666A885CD64F7... Date

Cameron Carlson, PhD
 Associate Dean
 School of Management

El Camino College



 Date

Chief Jeff Baumunk
 Public Safety Director

University of Alaska Fairbanks
DocuSigned by:

 March 18, 2022


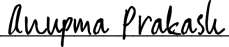
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Mark Herrmann, PhD
 Dean
 School of Management

El Camino College

 03/02/22


 Date

Lori Suekawa
 Articulation Officer

ds

 University of Alaska Fairbanks
DocuSigned by:

 March 18, 2022

7C84F2807C864A7... Date

Anupma Prakash, Ph.D.
 Provost & Executive Vice Chancellor

El Camino College

 03/02/22

 Date

Dr. Jacquelyn Sims
 Vice President of Academic Affairs

Appendix

- Associate of Science in Fire and Technology to the Bachelor of Applied Management
- Associate of Science in Fire and Technology to the Bachelor of Security and Emergency Management

El Camino College and University of Alaska Fairbanks College of Business & Security Management Crosswalk Agreement

Program Crosswalk: Associate of Science in Fire and Technology to Bachelor of Applied Management

Any ECC course not listed on this crosswalk will count as a general elective toward the UAF degree described herein. The [UAF Transfer Credit Resource Site](#) is available online. The list of General Education Requirements (GERs) can be found in the [UAF Catalog](#).

Undergraduate credits earned at the 100 level or above with a C- grade or higher at institutions accredited by one of the six regional accrediting agencies will be considered for transfer. Transfer credit is not granted for courses with doctrinal religious content or for graduate courses (for undergraduate programs).

The Associate of Science in Fire and Technology will qualify for a general education requirements waiver at the University of Alaska Fairbanks. Students from El Camino can complete the El Camino general education requirements, the IGETC general education requirements, or the CSUGE Breadth general education requirements to receive the general education requirements waiver. However, if the specified math course listed in this crosswalk is not completed, students may have an additional math course to take at UAF.

*Multiple options for General Education Requirements (GERs). See Catalog for a list of GER options and the Transfer Credit Resource site to find equivalent courses at ECC. ECC students can fulfill the GERs with ECC courses and should speak to their UAF College of Business & Security Management advisor.

NOTE: Transfer students must complete at least 30 residence credits at UAF. 39 upper-division (300- and 400-level) courses must be completed to earn a bachelor's degree at UAF. 120 credits are needed to earn a bachelor's degree at UAF.

University of Alaska Fairbanks	Credits	El Camino College
General Education Requirements	35	ECC Equivalent Courses
WRTG F111X: Writing Across Contexts	3	ENGL 1A: Reading & Composition OR ENGL 1AH: Honors Reading & Composition

WRTG F211X: Writing & the Humanities OR WRTG F212X: Writing & the Professions OR WRTG F213X: Writing & the Sciences OR WRTG F214X: Arguing Across Contexts	3	ENGL 1B: Literature & Composition OR ENGL 1BH: Honors Literature & Composition OR ENGL 1C: Critical Thinking & Composition OR ENGL 1CH: Honors Critical Thinking & Composition
COJO F121X: Introduction to Interpersonal Communication OR COJO F131X: Fundamentals of Oral Communication: Group Context OR COJO F141X: Fundamentals of Oral Communication: Public Context OR COJO F10X: COJO F121X/F131X/F141X Substitute	3	COMS 130: Interpersonal Communication OR COMS 140: Small Group Communication OR COMS 250: Oral Interpretation of Literature OR COJO F10X: Communication and Journalism Elective
Arts GER*	3	See Catalog & Transfer Credit Site*
Humanities GER*	3	See Humanities Transfer Chart Below
Social Studies GER*	3	See Social Sciences Transfer Chart Below
Social Studies GER*	3	See Social Sciences Transfer Chart Below
Additional Arts/Humanities/Social Sciences GER*	3	See Transfer Charts Below
MATH F122X: Essential Precalculus with Applications	3	MATH 140: Finite Math for Business & Social Sciences
Natural Sciences with lab GER*	4	See Natural Sciences Transfer Chart Below
Natural Sciences with lab GER*	4	See Natural Sciences Transfer Chart Below
BAM Degree Specific Requirements		
LS F101X: Library Information & Research	1	No ECC course equivalency
BA F323X: Business Ethics	3	No ECC course equivalency
BAM Technical Requirements		
	21-30	ECC Equivalent Courses
Requirements will be satisfied with FETC coursework from El Camino College. See Applied Management Technical Area Transfer Chart below.		
BAM Degree Requirements		
	37	ECC Equivalent Courses
AIS F101: Effective Personal Computer Use	1	No ECC course equivalency

AIS F310: Management of Information Systems OR AIS F316: Accounting Information Systems	3	No ECC course equivalency No ECC course equivalency
BA F308: Professional Development: How to Prepare for a Job & Other Survival Skills	1	No ECC course equivalency
BA F309: Professional Development: Finding a Career	1	No ECC course equivalency
BA F330: Legal Environment of Business	4	No ECC course equivalency
BA F343: Principles of Marketing	3	No ECC course equivalency
BA F360: Operations Management or BA F490: Services Marketing	3	No ECC course equivalency No ECC course equivalency
BAM F320: Management	3	No ECC course equivalency
BAM F352: Accounting & Finance	3	No ECC course equivalency
BAM F462: Project Management	3	No ECC course equivalency
ECON F227: Introductory Statistics for Economics & Business OR STAT F200X: Elementary Statistics	3	MATH 150: Elementary Statistics with Probability OR Can petition PSYC 9A or SOCI 109A to fulfill requirement
HSEM F415: Cybersecurity in 21st Century OR HSEM F416: Cybersecurity Management OR HSEM F417: Cybersecurity Resiliency OR HSEM F418: Cybercrime, Fraud and Law	3	No ECC course equivalency
HSEM F445: Business Continuity & Crisis Management	3	No ECC course equivalency
BA F390: Organizational Theory & Behavior OR BA F391: Alaska Native Corporations OR HSEM F461: Human Security in Alaska	3	No ECC course equivalency

Applied Management Technical Area Transfer Chart

University of Alaska Fairbanks	Credits	El Camino College
Fire F101: Principles of Emergency Services	3	FTEC 1: Fire Protection Organization
FIRE F105: Fire Prevention	3	FTEC 2: Fire Prevention Technology
FIRE F220: Emergency Services Safety, Health & Survival	3	FTEC 3: Fundamentals of Personal Fire Safety & Survival

FIRE F121: Fire Behavior and Combustion	3	FTEC 5: Fire Behavior and Combustion
FIRE F206: Building Construction for Fire Protection	3	FTEC 6: Building Construction for Fire Protection
FIRE F1: Fire Science Elective	3	FTEC 10: Hazardous Materials
FIRE 214: Fire Protection Systems	3	FTEC 20: Fire Protection Equipment & Systems
FIRE F1: Fire Science Elective OR EMS F1: Emergency Medical Services Elective	6.5	FTEC 144: Emergency Medical Technician
Fire F1: Fire Science Elective	3	FTEC 4: Fire Company Org. & Management
Fire F115: Apparatus and Equipment	3	FTEC 9: Fire Apparatus and Equipment
Fire F1: Fire Science Elective	3	FTEC 11: Arson Detection and Control

Humanities Transfer Chart

University of Alaska Fairbanks	Credits	El Camino College
ART F1HX: ART GER Substitute	3	ART 101: Art & Visual Culture: A Global Perspective
ART F1HX: Arts GER Substitute	3	ART 102A: History of Western Art - Prehistoric to Gothic
ART F1HX: Arts GER Substitute	3	ART 102AH: Honors History of Western Art - Prehistoric to Gothic
ART F1HX: Arts GER Substitute	3	ART 102C: History of Western Art - 19th Century to Contemporary Times
CHNS F101X: Elementary Chinese I	4	CHIN 1: Elementary Chinese I
CHNS F102X: Elementary Chinese II	4	CHIN 2: Elementary Chinese II
FLPA F1AX: Arts GER Substitute	3	DANC 101: Dance Appreciation
FLPA F1AX: Arts GER Substitute	3	DANC 103: History of Dance in the 20th Century
ENGL F1HX: English Elective	3	ENGL 12: Introduction to Fiction
ENGL F1HX: English Elective	3	ENGL 23A: Introduction to Creative Nonfiction
ENGL F1HX: English Elective	3	ENGL 35: World Literature: 3500 BCE to 1650 CE
ENGL F1HX: English Elective	3	ENGL 36: World Literature: 1650 CE to Present
ENGL F217X: Introduction to the Study of Film	3	ENGL 39: Literature & Film
FLPA F105X: History of the Cinema OR COJO F105X: History of the Cinema	3	ENGL 41B: Survey of Film: 1950 to Present
FLPA F217X: Introduction to the Study of Film	3	FILM 110: Film Appreciation

FREN F101X: Elementary French I	4	FREN 1: Elementary French I
FREN F102X: Elementary French II	4	FREN 2: Elementary French II
GER F101X: Elementary German I	4	GERM 1: Elementary German I
GER F102X: Elementary German II	4	GERM 2: Elementary German II
JPN F101X: Elementary Japanese I	4	JAPA 1: Elementary Japanese I
JPN F102X: Elementary Japanese II	4	JAPA 2: Elementary Japanese II
MUS F103X: Music Fundamentals	3	MUSI 101: Music Fundamentals
MUS F200X: Explorations in Music	3	MUSI 112: Music Cultures of the World
MUS F200X: Explorations in Music	3	MUSI 112H: Honors Music Cultures of the World
MUS F125X: Enjoying Jazz	3	MUSI 113: Survey of Jazz
PHIL F102X: Introduction to Philosophy	3	PHIL 101: Introduction to Philosophy
PHIL F102X: Introduction to Philosophy	3	PHIL 101H: Honors Introduction to Philosophy
PHIL F1HX: Philosophy Elective	3	PHIL 120: Ethics, Law & Society
ASLG F101X: American Sign Language I	4	SLAN 111: American Sign Language I
ASLG F202X: American Sign Language II	4	SLAN 112: American Sign Language II
SPAN F101X: Elementary Spanish I	4	SPAN 1: Elementary Spanish I
SPAN F101X: Elementary Spanish I	4	SPAN 1H: Honors Elementary Spanish I
SPAN F102X: Elementary Spanish II	4	SPAN 2: Elementary Spanish II
FLPA F1HX: Film and Performing Arts Elective OR FLPA F1AX: Arts GER Substitute	3	THEA 103: Theatre Appreciation
FLPA F121X: Fundamentals of Acting	3	THEA 113: Introduction to Acting

Social Sciences Transfer Chart

University of Alaska Fairbanks	Credits	El Camino College
HIST F131: History of the US	3	HIST 101: United States History to 1877
HIST F131: History of the US	3	HIST 101H: Honors United States History to 1877
HIST F132X: History of the U.S.	3	HIST 102: United States History from 1877 to Present
HIST F132X: History of the U.S.	3	HIST 102H: United States History from 1877 to Present
WGS F201X: Introduction to Women, Gender, & Sexuality Studies	3	WSTU 1: Introduction to Women's Studies

JUST F110X: Introduction to Justice	3	AJ 100: Introduction to Administration of Justice
JUST F1SX: Justice Social Science GER Elective	3	AJ 103: Concepts of Criminal Law
ANTH F211X: Fundamentals of Archaeology	3	ANTH 3: Introduction to Archaeology
BA F254X: Personal Finance	3	BUS 17: Personal Finance
COJO F101X: Media and Culture	3	COMS 265: Mass Communication
ECON F202X: Principles of Economics II: Macroeconomics	3	ECON 1: Principles of Economics: Macroeconomics
ECON F202X: Principles of Economics II: Macroeconomics	3	ECON 1H: Honors Principles of Economics: Macroeconomics
ECON F201X: Principles of Economics I: Microeconomics	3	ECON 2: Principles of Economics: Microeconomics Theory
ECON F100X: Introduction to Economic Analysis	3	ECON 5: Fundamentals of Economics
GEOG F101X: Expedition Earth: Introduction to Geography	3	GEOG 2: Cultural Geography
HIST F1SX:History GER Elective	3	HIST 141: History of Modern Civilizations
COJO F101X: Media and Culture	3	JOUR 12: Mass Media and Society
PS F201X: Comparative Politics	3	POLI 2: Introduction to Comparative Politics
PS F221X: International Politics	3	POLI 10: Introduction to International Relations
PS F221X: International Politics	3	POLI 10H: Honors Introduction to International Relations
PSY F101X: Introduction to Psychology	3	PSYC 5: General Psychology
PSY F101X: Introduction to Psychology	3	PSYC 5H: Honors General Psychology
SOC F101X: Introduction to Sociology	3	SOCI 101: Introduction to Sociology
SOC F101X: Introduction to Sociology	3	SOCI 101H: Honors Introduction to Sociology
SOC F201X: Social Problems and Solutions	3	SOCI 104: Social Problems
JUST F251X: Criminology	3	SOCI 112: Introduction to Criminology

Natural Sciences Transfer Chart

University of Alaska Fairbanks	Credits	El Camino College
BIOL F111X: Human Anatomy and Physiology I	4	APHY 34A: Anatomy & Physiology I
BIOL F112X: Human Anatomy and Physiology II	4	APHY 34B: Anatomy & Physiology II

PHYS F1NLX: Physics Elective AND PHYS F1L: Physics Elective	4	ASTR 20: The Solar System AND ASTR 12: Astronomy Laboratory
PHYS F1NLX: Physics Elective AND PHYS F1L: Physics Elective	4	ASTR 20H: Honors The Solar System AND ASTR 12: Astronomy Laboratory
PHYS F1NLX: Physics Elective AND PHYS F1L: Physics Elective	4	ASTR 25: Stars and Galaxies AND ASTR 12: Astronomy Laboratory
PHYS F1NLX: Physics Elective AND PHYS F1L: Physics Elective	4	ASTR 25H: Honors Stars and Galaxies AND ASTR 12: Astronomy Laboratory
BIOL F1NLX: Natural Sci Core Substitute	4	BIOL 10: Fundamentals of Biology
BIOL F1NLX: Natural Sci Core Substitute	4	BIOL 10H: Honors Fundamentals of Biology
BIOL F1NLX: Biology Elective (w/Lab)	4	BIOL 11: Fundamentals of Zoology
BIOL F1NLX: Biology Elective OR MSL F1NLX: Marine Science Elective	4	BIOL 17: Marine Biology AND BIOL 18: Marine Biology Laboratory
BIOL F116X: Fundamentals of Biology II	5	BIOL 101: Principles of Biology I
BIOL F116X: Fundamentals of Biology II	5	BIOL 101H: Honors Principles of Biology I
BIOL F115X: Fundamentals of Biology I	5	BIOL 102: Principles of Biology II
BIOL F115X: Fundamentals of Biology I	5	BIOL 102H: Honors Principles of Biology II
CHEM F105X: General Chemistry I	5	CHEM 1A: General Chemistry I
CHEM F106X: General Chemistry II	5	CHEM 1B: General Chemistry II
CHEM F103X: Introduction to General Chemistry	5	CHEM 4: Beginning Chemistry
CHEM F1NLX: Chemistry Elective	5	CHEM 20: Fundamentals of Chemistry
CHEM F103X: Introduction to General Chemistry	4	CHEM 21A: Survey of General & Organic Chemistry
CHEM F104X: Introduction to Organic Chemistry & Biochemistry	4	CHEM 21B: Survey of Organic & Biochemistry
GEOG F111X: Earth & Environment: Elements of Physical Geography	4	GEOG 1: Physical Geography AND GEOG 6: Physical Geography Laboratory
GEOS F101X: The Dynamic Earth	4	GEOL 1: Physical Geology AND GEOL 3: Physical Geology Laboratory
GEOS F112X: The History of Earth and Life	4	GEOL 2: History of Planet Earth AND GEOL 4: History of Planet Earth Laboratory
MSL F111X: The Oceans	4	OCEA 10: Introduction to Oceanography
MSL F111X: The Oceans	4	OCEA 10H: Honors Introduction to Oceanography
NSCI F1NLX: Natural Science Substitute	3	PSCI 25: Exploring Physical Sciences
PHYS F211X: General Physics I	4	PHYS 1A: Mechanics of Solids

PHYS F212X: General Physics II	3	PHYS 1B: Fluids, Heat & Sound
PHYS F123X: College Physics I	4	PHYS 2A: General Physics
PHYS F124X: College Physics II	4	PHYS 2B: General Physics
PHYS F211X: General Physics I	5	PHYS 3A: General Physics w/Calculus
PHYS F212X: General Physics II	5	PHYS 3B: General Physics w/Calculus

El Camino College and University of Alaska Fairbanks College of Business & Security Management Crosswalk Agreement

Program Crosswalk: Associate of Science in Fire and Technology to Bachelor of Security & Emergency Management

Any ECC course not listed on this crosswalk will count as a general elective toward the UAF degree described herein. The [UAF Transfer Credit Resource Site](#) is available online. The list of General Education Requirements (GERs) can be found in the [UAF Catalog](#).

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*Multiple options for General Education Requirements (GERs). See Catalog for a list of GER options and the Transfer Credit Resource site to find equivalent courses at ECC. ECC students can fulfill the GERs with ECC courses and should speak to their UAF College of Business & Security Management advisor.

NOTE: Transfer students must complete at least 30 residence credits at UAF. 39 upper-division (300- and 400-level) courses must be completed to earn a bachelor's degree at UAF. 120 credits are needed to earn a bachelor's degree at UAF.

University of Alaska Fairbanks	Credits	El Camino College
General Education Requirements	35	ECC Equivalent Courses
WRTG F111X: Writing Across Contexts	3	ENGL 1A: Reading & Composition OR ENGL 1AH: Honors Reading & Composition
WRTG F211X: Writing & the Humanities OR WRTG F212X: Writing & the Professions OR WRTG F213X: Writing & the Sciences OR WRTG F214X: Arguing Across Contexts	3	ENGL 1B: Literature & Composition OR ENGL 1BH: Honors Literature & Composition OR ENGL 1C: Critical Thinking & Composition OR ENGL 1CH: Honors Critical Thinking & Composition
COJO F121X: Introduction to Interpersonal Communication OR COJO F131X: Fundamentals of Oral Communication: Group Context OR COJO F141X: Fundamentals of Oral Communication: Public Context OR COJO F10X: COJO F121X/F131X/F141X Substitute	3	COMS 130: Interpersonal Communication OR COMS 140: Small Group Communication OR COMS 250: Oral Interpretation of Literature OR COJO F10X: Communication and Journalism Elective
Arts GER*	3	See Catalog & Transfer Credit Site*
Humanities GER*	3	See Humanities Transfer Chart Below
Social Studies GER*	3	See Social Sciences Transfer Chart Below
Social Studies GER*	3	See Social Sciences Transfer Chart Below
Additional Arts/Humanities/Social Sciences GER*	3	See Transfer Charts Below
MATH F113X: Numbers & Society OR MATH F114X: Patterns & Numbers OR MATH F122X: Essential Precalculus with Applications OR MATH F151X: College Algebra for Calculus OR MATH F152X: Trigonometry OR MATH F156X: Precalculus OR	3	MATH 120: Liberal Arts Mathematics OR MATH 140: Finite Mathematics for Business & Social Sciences OR MATH 130: College Algebra OR MATH 170: Trigonometry OR MATH 180: Pre-Calculus OR

MATH F230X: Essential Calculus with Applications OR MATH F251X: Calculus I OR MATH F252X: Calculus II OR MATH F253X: Calculus III OR STAT F200X: Elementary Probability and Statistics		MATH 165: Calculus for Business & Social Science OR MATH 190: Single Variable Calculus & Analytic Geometry I OR MATH 191: Single Variable Calculus & Analytic Geometry II OR MATH 220: Multi-Variable Calculus OR MATH 150: Elementary Statistics with Probability OR MATH 150H: Honors Elementary Statistics with Probability
Natural Sciences with lab GER*	4	See Natural Sciences Transfer Chart Below
Natural Sciences with lab GER*	4	See Natural Sciences Transfer Chart Below
BSEM Technical Requirements		
	21-30	ECC Equivalent Courses
Requirements will be satisfied with FETC coursework from El Camino College. See Security and Emergency Management Technical Area Transfer Chart below.		
BSEM Degree-Specific Requirements		
	4	ECC Equivalent Courses
LS F101X: Library Information & Research	1	No ECC course equivalency
BA F323X: Business Ethics	3	No ECC course equivalency
BSEM Major Requirements		
	30	ECC Equivalent Courses
BA F307: Introductory Human Resources Management	3	No ECC course equivalency
BA F457: Training & Management Development	3	No ECC course equivalency
HSEM F271: Fiscal Management for Emergency Management Operations	3	No ECC course equivalency
HSEM F301: Principles of Emergency Management & Homeland Security	3	No ECC course equivalency
HSEM F412: Emergency Planning & Preparedness	3	No ECC course equivalency
HSEM F423: Disaster Response Operations & Management	3	No ECC course equivalency
HSEM F434: All-hazards Risk Analysis	3	No ECC course equivalency

HSEM F445: Business Continuity & Crisis Management	3	No ECC course equivalency
HSEM F456: Leadership in Dangerous Contexts	3	No ECC course equivalency
BA F391: Alaska Native Corporations or HSEM F461: Human Security in Alaska	3	No ECC course equivalency No ECC course equivalency
Complete 4 Courses (Major Electives) below	12	ECC Equivalent Courses
BA F317: Employment Law	3	No ECC course equivalency
BA F330: Legal Environment of Business	3	No ECC course equivalency
BA F490: Services Marketing	3	No ECC course equivalency
COJO F300: Communicating Ethics	3	No ECC course equivalency
COJO F335: Organizational Communication	3	No ECC course equivalency
COJO F353: Conflict, Mediation, & Communication	3	No ECC course equivalency
ECON F201X: Principles of Microeconomics	3	ECON 2: Principles of Economics: Microeconomics Theory
ENGL F314: Technical Writing	3	No ECC course equivalency
GEOS F380: Geological Hazards	3	No ECC course equivalency
JUST F222: Research Methods	3	No ECC course equivalency
PS F304: International Security	3	No ECC course equivalency
PSY F250/SOC F250: Introductory Statistics for Social Sciences	3	PSYC 9A: Intro to Statistics & Data Analysis for the Behavioral Sciences OR SOCI 109A: Intro to Statistics & Data Analysis for the Behavioral Sciences
STAT F200X: Elementary Statistics	3	MATH 150: Elementary Stats w/Probability
Choose One from the Following Concentrations (6 SCHs required for concentration):		
Cybersecurity & Information Technology Management, Emergency Management, Emergency Medical & Public Health Management, Fire Administration, Homeland Security, or Law Enforcement Management		
Cybersecurity & Information Technology Management	6	ECC Equivalent Courses

HSEM F415: Cybersecurity in the 21 st Century: Technology & Ethics	3	No ECC course equivalency
HSEM F416: Cybersecurity Management	3	No ECC course equivalency
HSEM F417: Cybersecurity Resiliency	3	No ECC course equivalency
HSEM F418: Cybercrime, Fraud & Law	3	No ECC course equivalency
Emergency Management		
Emergency Management	6	ECC Equivalent Courses
HSEM F405: Introduction to Emergency Management Exercise Design	3	No ECC course equivalency
HSEM F407: Comparative Emergency Management	3	No ECC course equivalency
Emergency Medical & Public Health Management		
Emergency Medical & Public Health Management	6	ECC Equivalent Courses
HSEM F402: Incident Command for Emergency Medical Services	3	No ECC course equivalency
HSEM F403: Public Health in Emergencies	3	No ECC course equivalency
HSEM F405: Introduction to Emergency Management Exercise Design	3	No ECC course equivalency
Fire Administration		
Fire Administration	6	ECC Courses
HSEM F439: Supervising Emergency Services	3	No ECC course equivalency
HSEM F440: Advanced Principles of Fire Service Administration	3	No ECC course equivalency
Homeland Security		
Homeland Security	6	ECC Courses
HSEM F406: Comparative Homeland Security	3	No ECC course equivalency
HSEM F408: Homeland Defense & Security	3	No ECC course equivalency
Law Enforcement Management		
Law Enforcement Management	6	ECC Equivalent Courses
HSEM F404: Public Safety Instruction	3	No ECC course equivalency

HSEM F418: Cybercrime, Fraud, and Law	3	No ECC course equivalency
HSEM F467: Current Topics in Public Safety	3	No ECC course equivalency

Security and Emergency Management Technical Area Transfer Chart

University of Alaska Fairbanks	Credits	El Camino College
Fire F101: Principles of Emergency Services	3	FTEC 1: Fire Protection Organization
FIRE F105: Fire Prevention	3	FTEC 2: Fire Prevention Technology
FIRE F220: Emergency Services Safety, Health & Survival	3	FTEC 3: Fundamentals of Personal Fire Safety & Survival
FIRE F121: Fire Behavior and Combustion	3	FTEC 5: Fire Behavior and Combustion
FIRE F206: Building Construction for Fire Protection	3	FTEC 6: Building Construction for Fire Protection
FIRE F1: Fire Science Elective	3	FTEC 10: Hazardous Materials
FIRE 214: Fire Protection Systems	3	FTEC 20: Fire Protection Equipment & Systems
FIRE F1: Fire Science Elective OR EMS F1: Emergency Medical Services Elective	6.5	FTEC 144: Emergency Medical Technician
Fire F1: Fire Science Elective	3	FTEC 4: Fire Company Org. & Management
Fire F115: Apparatus and Equipment	3	FTEC 9: Fire Apparatus and Equipment
Fire F1: Fire Science Elective	3	FTEC 11: Arson Detection and Control
HLTH F2: Health Elective	3	PE 280: Exercise & Nutrition Programs for Fitness & Weight Management

Humanities Transfer Chart

University of Alaska Fairbanks	Credits	El Camino College
ART F1HX: Arts GER Substitute	3	ART 101: Art & Visual Culture: A Global Perspective
ART F1HX: Arts GER Substitute	3	ART 102A: History of Western Art - Prehistoric to Gothic
ART F1HX: Arts GER Substitute	3	ART 102AH: Honors History of Western Art - Prehistoric to Gothic
ART F1HX: Arts GER Substitute	3	ART 102C: History of Western Art - 19th Century to Contemporary Times

CHNS F101X: Elementary Chinese I	4	CHIN 1: Elementary Chinese I
CHNS F102X: Elementary Chinese II	4	CHIN 2: Elementary Chinese II
FLPA F1AX: Arts GER Substitute	3	DANC 101: Dance Appreciation
FLPA F1AX: Arts GER Substitute	3	DANC 103: History of Dance in the 20th Century
ENGL F1HX: English Elective	3	ENGL 12: Introduction to Fiction
ENGL F1HX: English Elective	3	ENGL 23A: Introduction to Creative Nonfiction
ENGL F1HX: English Elective	3	ENGL 35: World Literature: 3500 BCE to 1650 CE
ENGL F1HX: English Elective	3	ENGL 36: World Literature: 1650 CE to Present
ENGL F217X: Introduction to the Study of Film	3	ENGL 39: Literature & Film
FLPA F105X: History of the Cinema OR COJO F105X: History of the Cinema	3	ENGL 41B: Survey of Film: 1950 to Present
FLPA F217X: Introduction to the Study of Film	3	FILM 110: Film Appreciation
FREN F101X: Elementary French I	4	FREN 1: Elementary French I
FREN F102X: Elementary French II	4	FREN 2: Elementary French II
GER F101X: Elementary German I	4	GERM 1: Elementary German I
GER F102X: Elementary German II	4	GERM 2: Elementary German II
JPN F101X: Elementary Japanese I	4	JAPA 1: Elementary Japanese I
JPN F102X: Elementary Japanese II	4	JAPA 2: Elementary Japanese II
MUS F103X: Music Fundamentals	3	MUSI 101: Music Fundamentals
MUS F200X: Explorations in Music	3	MUSI 112: Music Cultures of the World
MUS F200X: Explorations in Music	3	MUSI 112H: Honors Music Cultures of the World
MUS F125X: Enjoying Jazz	3	MUSI 113: Survey of Jazz
PHIL F102X: Introduction to Philosophy	3	PHIL 101: Introduction to Philosophy
PHIL F102X: Introduction to Philosophy	3	PHIL 101H: Honors Introduction to Philosophy
ASLG F101X: American Sign Language I	4	SLAN 111: American Sign Language I
ASLG F202X: American Sign Language II	4	SLAN 112: American Sign Language II
SPAN F101X: Elementary Spanish I	4	SPAN 1: Elementary Spanish I
SPAN F101X: Elementary Spanish I	4	SPAN 1H: Honors Elementary Spanish I
SPAN F102X: Elementary Spanish II	4	SPAN 2: Elementary Spanish II
FLPA F1HX: Film and Performing Arts Elective OR FLPA F1AX: Arts GER Substitute	3	THEA 103: Theatre Appreciation
FLPA F121X: Fundamentals of Acting	3	THEA 113: Introduction to Acting

Social Sciences Transfer Chart

University of Alaska Fairbanks	Credits	El Camino College
HIST F131: History of the US	3	HIST 101: United States History to 1877
HIST F131: History of the US	3	HIST 101H: Honors United States History to 1877
HIST F132X: History of the U.S.	3	HIST 102: United States History from 1877 to Present
HIST F132X: History of the U.S.	3	HIST 102H: United States History from 1877 to Present
WGS F201X: Introduction to Women, Gender, & Sexuality Studies	3	WSTU 1: Introduction to Women's Studies
JUST F110X: Introduction to Justice	3	AJ 100: Introduction to Administration of Justice
JUST F1SX: Justice Social Science GER Elective	3	AJ 103: Concepts of Criminal Law
ANTH F211X: Fundamentals of Archaeology	3	ANTH 3: Introduction to Archaeology
BA F254X: Personal Finance	3	BUS 17: Personal Finance
COJO F101X: Media and Culture	3	COMS 265: Mass Communication
ECON F202X: Principles of Economics II: Macroeconomics	3	ECON 1: Principles of Economics: Macroeconomics
ECON F202X: Principles of Economics II: Macroeconomics	3	ECON 1H: Honors Principles of Economics: Macroeconomics
ECON F201X: Principles of Economics I: Microeconomics	3	ECON 2: Principles of Economics: Microeconomics Theory
ECON F100X: Introduction to Economic Analysis	3	ECON 5: Fundamentals of Economics
GEOG F101X: Expedition Earth: Introduction to Geography	3	GEOG 2: Cultural Geography
HIST F1SX: History GER Elective	3	HIST 141: History of Modern Civilizations
COJO F101X: Media and Culture	3	JOUR 12: Mass Media and Society
PS F201X: Comparative Politics	3	POLI 2: Introduction to Comparative Politics
PS F221X: International Politics	3	POLI 10: Introduction to International Relations
PS F221X: International Politics	3	POLI 10H: Honors Introduction to International Relations
PSY F101X: Introduction to Psychology	3	PSYC 5: General Psychology
PSY F101X: Introduction to Psychology	3	PSYC 5H: Honors General Psychology

SOC F101X: Introduction to Sociology	3	SOCI 101: Introduction to Sociology
SOC F101X: Introduction to Sociology	3	SOCI 101H: Honors Introduction to Sociology
SOC F201X: Social Problems and Solutions	3	SOCI 104: Social Problems
JUST F251X: Criminology	3	SOCI 112: Introduction to Criminology

Natural Sciences Transfer Chart

University of Alaska Fairbanks	Credits	El Camino College
BIOL F111X: Human Anatomy and Physiology I	4	APHY 34A: Anatomy & Physiology I
BIOL F112X: Human Anatomy and Physiology II	4	APHY 34B: Anatomy & Physiology II
PHYS F1NLX: Physics Elective AND PHYS F1L: Physics Elective	4	ASTR 20: The Solar System AND ASTR 12: Astronomy Laboratory
PHYS F1NLX: Physics Elective AND PHYS F1L: Physics Elective	4	ASTR 20H: Honors The Solar System AND ASTR 12: Astronomy Laboratory
PHYS F1NLX: Physics Elective AND PHYS F1L: Physics Elective	4	ASTR 25: Stars and Galaxies AND ASTR 12: Astronomy Laboratory
PHYS F1NLX: Physics Elective AND PHYS F1L: Physics Elective	4	ASTR 25H: Honors Stars and Galaxies AND ASTR 12: Astronomy Laboratory
BIOL F1NLX: Natural Sci Core Substitute	4	BIOL 10: Fundamentals of Biology
BIOL F1NLX: Natural Sci Core Substitute	4	BIOL 10H: Honors Fundamentals of Biology
BIOL F1NLX: Biology Elective (w/Lab)	4	BIOL 11: Fundamentals of Zoology
BIOL F1NLX: Biology Elective OR MSL F1NLX: Marine Science Elective	4	BIOL 17: Marine Biology AND BIOL 18: Marine Biology Laboratory
BIOL F116X: Fundamentals of Biology II	5	BIOL 101: Principles of Biology I
BIOL F116X: Fundamentals of Biology II	5	BIOL 101H: Honors Principles of Biology I
BIOL F115X: Fundamentals of Biology I	5	BIOL 102: Principles of Biology II
BIOL F115X: Fundamentals of Biology I	5	BIOL 102H: Honors Principles of Biology II
CHEM F105X: General Chemistry I	5	CHEM 1A: General Chemistry I
CHEM F106X: General Chemistry II	5	CHEM 1B: General Chemistry II
CHEM F103X: Introduction to General Chemistry	5	CHEM 4: Beginning Chemistry
CHEM F1NLX: Chemistry Elective	5	CHEM 20: Fundamentals of Chemistry
CHEM F103X: Introduction to General Chemistry	4	CHEM 21A: Survey of General & Organic Chemistry

CHEM F104X: Introduction to Organic Chemistry & Biochemistry	4	CHEM 21B: Survey of Organic & Biochemistry
GEOG F111X: Earth & Environment: Elements of Phys Geography	4	GEOG 1: Physical Geography AND GEOG 6: Physical Geography Laboratory
GEOS F101X: The Dynamic Earth	4	GEOL 1: Physical Geology AND GEOL 3: Physical Geology Laboratory
GEOS F112X: The History of Earth and Life	4	GEOL 2: History of Planet Earth AND GEOL 4: History of Planet Earth Laboratory
MSL F111X: The Oceans	4	OCEA 10: Introduction to Oceanography
MSL F111X: The Oceans	4	OCEA 10H: Honors Introduction to Oceanography
NSCI F1NLX: Natural Science Substitute	3	PSCI 25: Exploring Physical Sciences
PHYS F211X: General Physics I	4	PHYS 1A: Mechanics of Solids
PHYS F212X: General Physics II	3	PHYS 1B: Fluids, Heat & Sound
PHYS F123X: College Physics I	4	PHYS 2A: General Physics
PHYS F124X: College Physics II	4	PHYS 2B: General Physics
PHYS F211X: General Physics I	5	PHYS 3A: General Physics w/Calculus
PHYS F212X: General Physics II	5	PHYS 3B: General Physics w/Calculus