



UNIVERSITY
of ALASKA

Many Traditions One Alaska

Report on
University of Alaska
e-Learning

Reference #2

Board of Regents Meeting
Academic and Student Affairs Committee
December 6-7, 2012
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Executive Summary

As with any effective technology application, UA's e-Learning proliferation continues unabated. UA is integrating e-Learning quite well and taking some bold steps into new teaching opportunities. For example, each MAU has been experimenting with making coursework openly available online, as President Gamble has suggested, and a few Massively Open Online Classes (MOOCs) have already been created and offered. The Strategic Direction Initiative will help UA focus even more in related areas where further refinement and development is needed, e.g., increased administrative collaboration among MAUs for increased credit transfer efficiency and further broadening of course and program availability.

As of fall 2012, UA institutions offer 267 distinct degree, certificate and endorsement programs that can be completed at least 50 percent via e-Learning. Of these, nearly half (132 programs) are available completely via e-Learning. More than 1,400 distinct e-Learning courses were taught in FY12, a 34 percent increase over the number in FY08.

Student interest in e-Learning has grown modestly in the past five years. The proportion of student credit hours delivered by e-Learning rose from 16 to 20 percent and the proportion of UA students taking at least one e-Learning course has grown 5 percent in the past five years.

Competition from other institutions offering online courses in Alaska is substantial and growing. The Alaska Commission on Postsecondary Education (ACPE) reports that 260 institutions are delivering such courses in Alaska in direct competition with UA.

Bandwidth for the delivery of on-line courses to rural Alaska continues to be a primary barrier to full course and administrative access. UA will continue to work with internet providers, the board, the legislature and the governor's staff to make progress on this major limiting issue. There may be a major role for e-Learning in helping rural and Alaska Native students erase the gap in Alaska Performance Scholarship eligibility.

UA has fully fulfilled two of the four legislative audit findings and has made significant progress on the other two.

Strategic Direction Initiative and e-Learning

UA's strategic direction initiative (SDI) Phase 1 results identified e-Learning as a distinct topic under the larger theme of Student Achievement and Attainment. As part of Phase 2 of the SDI, the following e-Learning and distance education questions are now being discussed validated and prioritized.

1. Why does UA have relatively few full programs available online via e-learning?
2. What are the most significant barriers inhibiting the further development of and student satisfaction with e-Learning within UA?
3. Why do Alaska students enroll in e-learning courses offered by other institutions?
4. Are free courses impacting student enrollment and if so, how?
5. How can UA improve faculty development opportunities to expand e-learning program offerings?
6. How can UA promote a balanced program of blended and hybrid instruction, in addition to e-learning?

Context Affecting UA e-Learning

According to the Online Journal of Distance Learning Administration, there are many national trends in higher education that will influence the future of e-Learning at the University of Alaska. Nationally, student enrollments are growing to surpass the capacity of traditional infrastructures, learner profiles are changing, and students are shopping for education that meets their needs, their budgets and their lifestyles.

Traditional faculty roles, motivation, and training needs are shifting while vexing workload, compensation, privacy, and instructional issues continue to impede distance learning participation. The institutional and organizational structure of higher education is refocusing to emphasize academic accountability, student learning outcomes, outsourcing, content standardization, and adaptation to learner-consumer demands.

The Internet and new information technology devices are becoming more ubiquitous while better technological fluency is becoming a routine expectation. Funding requirements are increasing to meet expanding, lifelong-learning demands. e-Learning is becoming more available and location independent, increasing the need for effective course-management systems and teaching strategies that make full use of the technology. In response to these trends, e-Learning appears to have the potential to meet student needs and overcome funding challenges that traditional institutional structures cannot. e-

Learning and distance education administrators must resolve legitimate concerns by faculty and university administrators to ensure adequate buy in, as well as for them to develop the needed course management systems and teaching strategies. Technological advances and increased faculty fluency will continue to open great opportunities for e-Learning. Clearly, each UA university and community campus needs to understand how to respond to online distance education student demand. This understanding will continue to shape the institution's vision and the resulting impact on its mission. Higher education institutions are adapting to e-Learning at different rates according to their own missions and student demand, and so will UA.

Looking within Alaska, very little information has historically been available about the number and types of Alaskans enrolled in e-Learning programs and courses sold by external providers. For the first time, accurate information identifying individual higher education institutions operating within Alaska is available. New federal requirements have led to the need for institutions delivering programs and courses of 80 clock hours (2.67 credit hours) or more via distance within Alaska to apply for an exemption with the Alaska Commission on Postsecondary Education¹ (ACPE), and to pay a \$100 registration fee.

ACPE provided a complete list of the 260 institutions in this category, available in reference A, starting on page 16. A request for detailed information was made and will eventually result in an inventory listing each program, total credit hours, cost and credential that can be earned from each of these institutions. This will be valuable with which to compare with UA offerings.

It is interesting to note that the top school that UA first-time freshman transfer to is the University of Phoenix, which accounts for five percent of all UA transfers. One in five UA first-time freshman transfer out of the UA system to another post-secondary institution, without earning a degree at UA. While transfers can result in students receiving a degree from another institution, often it's at a higher cost to the student with respect to time, tuition and additional credits needed. A student receiving a degree from the University of Alaska system, or from another institution is a positive student outcome. However, students who transfer out of UA without graduating increase UA's instruction and student related expenditures per graduate, and lower UA performance on the

¹ See http://akadventure.alaska.gov/EDUCATOR-SCHOOL/Postsecondary_Institutions/Exemption.aspx for exemption criteria and application form.

traditional graduation rate measure, i.e. the national focus on six-year graduation rate for first-time, full-time baccalaureate degree seekers.

Recent Trends in UA e-Learning

The University of Alaska Board of Regents' Academic and Student Affairs committee was last provided a report on e-Learning in December, 2011. Updated written reports for UAA, UAF, UAS and the University of Alaska system are attached as references B, C, D and E, respectively. These reports discuss e-Learning course and program activity and participants, faculty training activity detail and other topics. These reports need better standardization. The UAA report utilizes a broader definition for e-Learning that includes courses historically identified as distance delivered, but that are more than 50 percent location based, therefore not considered to be e-Learning course under the current, common UA classification criteria. Figures in the UAA report show value and trend context, however are not apples-to-apples comparable to figures in the rest of this report.

UA has defined e-Learning as planned learning that predominantly occurs in situations where a student is not required to be in a predetermined location². e-Learning courses require a different course design and development, different pedagogical techniques, and communication through instructional technologies. e-Learning courses are delivered in many forms, including video conference, audio conference, correspondence, tele-courses, satellite telecasts, courses available via the Internet, CD-ROM, video/audio tape, etc. A course may be delivered entirely via e-Learning or by a hybrid of e-Learning and on-campus methods.

While competition from other institutions has grown, e-Learning participation at the University of Alaska has also increased as a result of UA efforts. About 34 percent of all University of Alaska students took at least one e-Learning course in FY12, compared to 29 percent in FY08. Over this same period, the total proportion of student credit hours delivered by e-Learning rose from 16 to 20 percent, and the total number of course sections delivered by e-Learning grew by 15 percent.

Compared to the University of Alaska's total student body, a similar proportion of e-Learning students self-identified themselves as Alaska Native (about 15 percent). Women made up 65 percent of e-Learning students, and 59 percent of all enrolled

² See University of Alaska reporting definitions for e-Learning course and e-Learning program, available online at: <https://alaska.datacookbook.com/institution/terms>

students in FY12. Somewhat surprisingly, e-Learning students tend to be a little older, with those 25 years of age or older making up 62 percent of all e-Learning students, and 51 percent of total students in FY12.

A greater proportion of FY12 e-Learning students were seeking a degree, certificate or credential than the total student population - about 80 percent versus 70 percent, respectively. Conversely, 20 percent of e-Learners were non-degree seeking, compared to 30 percent of all students. For students seeking a degree, proportionally more juniors and seniors took e-Learning courses, making up one-third of all e-Learners, and about a quarter of students on the whole. This implies that even upper division students are using e-Learning to achieve attainment. Graduate students and underclassmen made up similar proportions. Among first-time, full-time degree seeking freshmen starting in fall 2005, those who enrolled in e-Learning courses graduated at a slightly higher rate (32.9 percent) six years later than those who did not (28.9 percent) in FY11.

E-Learning Courses

To thoroughly discuss e-Learning course offerings, one needs a description of what constitutes an e-Learning course. A course is classified based on the physical distance of the instructor and students as well as the type(s) of tools used to deliver them. Courses that are 0 to 50 percent location based are reported as e-Learning courses. Courses that are 49 to 100 percent location based are reported as traditionally delivered. Tools used to deliver coursework include Blackboard, e-Live, Google, Kaltura, and Livescribe, among many others. The current definition for e-Learning was adopted and implemented in UA's Banner Information system in FY11, completely replacing the old criteria and definition of distance-delivered courses.

The University of Alaska system offered more than 1,400 distinct e-Learning courses in FY12, a 34 percent increase over FY08. Many of these courses were previously offered via traditional classroom delivery. It is possible that some of the growth in e-Learning courses in the last two years may be the result of the new definition adopted in FY11 and the resulting coding updates in Banner.

Courses Offered for the First Time via e-Learning in FY12

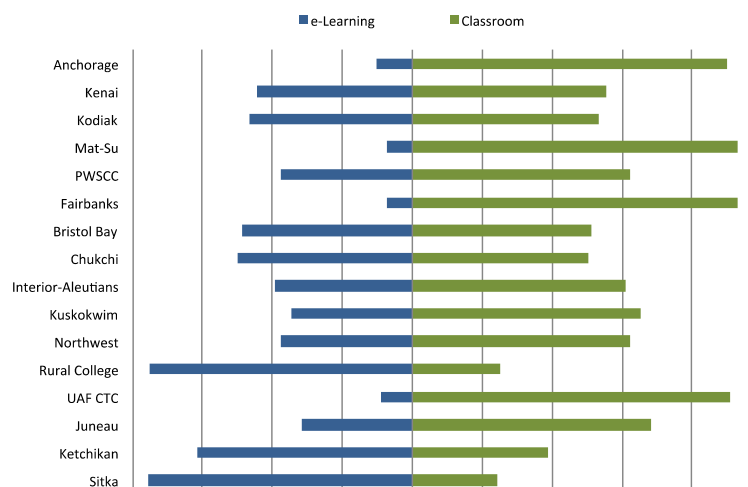
Course Level	UAA	UAF	UAS	Total
Developmental or Non-Degree		1	1	2
100	36	28	7	71
200	35	26	6	67
300	10	9	4	23
400	3	32	6	41
500	4	4		8
600	20	75	11	106
Total	108	175	35	318

The table above shows the number of courses newly offered via e-Learning in FY12 by course level and MAU. The developmental or non-degree courses added in FY12 consists of a Fast Track Elementary/Intermediate Algebra math course at UAF and a special topics Fisheries course for high school students at UAS. A complete listing of these courses offered for the first time in FY12 is provided in Reference F, starting on page 40.

On the whole, the top five e-Learning course subjects, by total student headcount in FY12, were English (9 percent), Business Administration (7 percent), Psychology (5 percent), Mathematics (5 percent) and Computer Info and Office Systems (5 percent).

The following graph provides a snapshot of the proportion of student credit hours in fall 2011 delivered by e-Learning or by traditional classroom methods, by each academic organization in the university system. It is important to note that standard reporting figures do not yet reflect the recent elevation of the UAF Center for e-Learning and Distance Education (EDE) to report directly to the Chancellor, therefore EDE activity appears under the Rural College statewide academic and administrative unit of the UAF College of Rural and Community Development (CRCD).

Credit Hour Proportion by Delivery Method, Fall 2011



In fall 2011, the UAF Rural College accounted for more than 20 percent of all e-Learning courses offered. Kenai Peninsula delivered about 11 percent of all e-Learning courses in fall 2011. Of the three MAUs, UAF offered the most (44 percent) e-Learning courses. In fall 2011, UAA students comprised about half of all UA e-Learners, UAF students one-third, and UAS students about 20 percent. More than 5 percent of all fall 2011 students took at least one course from a second MAU in addition to enrolling at their program MAU.

E-Learning Certificate and Degree Programs

Beyond course offerings, the University of Alaska offers degree programs that can be completed partially, or entirely, via e-Learning. To discuss e-Learning program offerings leading to a degree, certificate, or endorsement, a description of what constitutes an e-Learning program is in order. A program is classified based on the proportion of its requirements that can be completed via e-Learning. Programs are categorized into partial-distance or full-distance, based on the ability to complete 50 percent or more, or 100 percent of the program's requirements by e-Learning. Programs that do not allow at least half of program requirements to be completed by e-Learning are still reported as traditionally delivered.

University of Alaska accredited institutions are required to report programs available 50 percent or more by distance as part of accreditation requirements. For the first time in 2012, the federal Integrated Postsecondary Education Data System (IPEDS) required

institutions receiving federal student aid to track and report enrollment and graduation performance for programs that are available 100 percent by distance (a.k.a. e-Learning) to the federal government.

As of fall 2012, UA institutions offer 267 distinct degree, certificate and endorsement programs that can be completed at least 50 percent via e-Learning. Of these, nearly half (132 programs) are available completely via e-Learning. The tables below summarize the number of different programs offered at 50 percent and 100 percent by e-Learning, respectively, broken out by degree level and MAU.

Number of Programs Available More Than 50 Percent Via e-Learning

Program Level	UAA	UAF	UAS	Total
Occupational Endorsement Certificate	11	4	23	38
Certificate	5	18	19	42
Associate	14	20	15	49
Baccalaureate	5	49	13	67
Endorsement/Licensure	7	5	18	30
Master's	10	14	14	38
Doctoral		3		3
Total	52	113	102	267

Number of Programs Available 100 Percent Via e-Learning

Program Level	UAA	UAF	UAS	Total
Occupational Endorsement Certificate	8	4	13	25
Certificate	2	14	13	29
Associate	5	16	11	32
Baccalaureate	1	9	6	16
Endorsement/Licensure	4	4	3	11
Master's	5	7	5	17
Doctoral		2		2
Total	25	56	51	132

It is important to note that, while it is possible for students to complete degree programs partially or fully via e-Learning that does not imply a majority of students are doing so. UA information systems are not currently set up to distinguish between students who are completing programs primarily online or via traditional courses. For example, it is possible to complete the Associate of Arts in General Studies degree at UAA, UAF and

UAS completely by distance, but the proportion of students who are doing so is unknown. Utilizing the new course classifications put in effect during FY11, it will be possible to reliably identify graduating students who have completed any program primarily via e-Learning in the future. Other programs, such as the Associate of Applied Science in Nursing and a variety of Teacher Education programs, have been successfully developed and implemented from the start to be available at a distance.

Six e-Learning programs have been added since fall 2011 as shown in the table below. See reference G on page 48 for a full list of programs available.

New Academic Programs Available by e-Learning Added in FY12 and FY13

MAU	Degree	Major	Type
UAA	Associate of Applied Science	Outdoor Leadership	50+%
UAF	Bachelor of Arts	Film	50+%
UAS	Master of Arts in Teaching	Special Education	50+%
UAS	Bachelor of Arts	Special Education	100%
UAS	Occupational Endorsement Cert	Medical Office Supp	50+%
UAS	Bachelor of Liberal Arts	AK Native Lang & Studies	50+%

Another topic relevant to UA trends in e-Learning is the 2009 Legislative Audit of UA's distance education function. The university received four audit findings, and has fully responded to two of the four legislative audit findings and has made significant progress on the other two. Given that the nature of distance education, and e-Learning, continues to change over time at both the national and State level, as well as within UA, is it important to keep up with the intent of evolving audit findings relative to current operating conditions. The four findings and detailed status for each are provided in Reference H, starting on page 52.

What other institutions are doing that we are not?

The Colorado State University System chose to establish a standalone institution, the CSU Global Campus, to centralize on-line courses and programs. However, most university systems provide a one-stop system site linking students to offerings throughout the institutions like UA does.

Some universities are collaborating with private companies to deliver e-learning courses for credit. Inside Higher Education recently reported (November 12, 2012) a consortium of 10 top-tier universities working through a partnership with U2, a company that

facilitates online learning. The institutions involved are Duke, Emory, Washington University, Brandeis University, Northwestern University, the Universities of North Carolina at Chapel Hill, Notre Dame and Rochester, Vanderbilt University, and Wake Forest University.

Many universities are collaborating with two of the leading providers of Massively Open Online Courses (MOOCs); Coursera and edX. Coursera has 33 university partners, including Duke, California Institute of Technology, and the University of Illinois at Urbana-Champaign. The University of California at Berkeley and the University of Texas system are partnering with edX, a nonprofit organization run out of M.I.T. and Harvard. The third major provider of MOOCs is Udacity, a for-profit institution with no university affiliation. A major MOOC milestone occurred when Colorado State University's Global Campus said it would award credits to students who completed a specific Udacity computer science course and take a proctored test (as reported by the New York Times on September 6, 2012). The American Council on Education is considering a recommendation for universities to accept Coursera offerings for college credit (as reported by the Chronicle of Higher Education, November 13, 2012). UA is considering whether to offer certain MOOCs as an encouragement for online students to enroll in full, for-credit e-Learning courses or programs, or to assist high school students prepare for basic core college courses.

Awards for faculty excellence in e-learning instruction are fairly common at universities. For example the University of Delaware, Texas State University San Marcos, University of New Mexico, and Indiana University of Pennsylvania all make such awards. The Instructional Technology Council nationally makes the following annual awards:

Outstanding eLearning Program

Outstanding Distance Learning Faculty

Outstanding Online Course

Outstanding Blended Course

Outstanding Use of New Technology and/or Delivery System

Challenges

There are a number of areas where offering e-Learning courses or programs is likely to be challenging. These include:

- Rural areas with limited bandwidth.
- Distance labs - a few departments have overcome this obstacle, e.g., lower

division chemistry sends out a lab kit to distance students. This subject has received considerable recent attention from the Faculty Alliance. Expanding lab based science courses and other programs requiring specialized equipment e.g. welding, airframe and powerplant, and culinary arts, to e-Learning remains a tough challenge and this currently limits full-program offerings.

- Oral communication - can it be taught via e-Learning, even by audio or two-way video, because of the lack of an audience in the same room and the impact that has on the speaker? There are MAU philosophical differences on the subject.
- Upper division coursework - number theory and abstract algebra in mathematics require substantial mentoring and discussion to achieve learning outcomes and have relatively low demand. Faculty in such areas are reluctant to pursue e-Learning offerings. This reluctance makes some entire programs unavailable by distance.
- Creating a quality community of learners - online requires different approaches than learning in the classroom in-person. Faculty development in this area is vital because students learn a great deal through interactions with other students.

Where is e-Learning going?

There is always more that UA can do to further its eLearning offerings and improve student service and learning outcomes. Time and technology will point the way. The following areas need further work at this time:

- a. Bandwidth for the delivery of on-line courses to rural Alaska continues to be a primary barrier to access. UA will continue to work with internet providers, the board, the legislature and the governor's staff to make progress. There will be an important role for e-Learning in helping rural and Alaska Native students close the gap in Alaska Performance Scholarship eligibility.
- b. e-Learning is not yet fully integrated into the fabric of UA's three universities. Consistent incorporation of e-Learning as an important element in faculty recruiting, workload, promotion and tenure processes, coupled with a clear incentive process, would accelerate faculty integration. The Statewide Academic Council is working on revisions to policy and regulation to better integrate e-Learning into program approval and program review. The Vice President for Academic Affairs will work with the provosts and faculty governance to further the integration of e-Learning across UA. Some of the changes needed may require collective bargaining agreement revisions.

- c. Greater collaboration in e-Learning among the three institutions would improve efficiency and possibly increase the range of programs available. Opportunities for collaboration to improve efficiency are possible in the areas of baccalaureate general education, certificate, and associate programs. However, further collaboration could create a greater collection of elective and upper division coursework as well, giving students more choice. For example, a wider range of foreign language instruction may be made available by collaboration among the institutions. A key barrier to collaboration is the current e-Learning fee and tuition structure. A revenue sharing model should be developed to address cross MAU e-Learning collaboration concerns for academic, student service, administrative and financial areas. Another area for collaboration is student services and advising tailored to individual student needs across the MAUs.
- d. More full programs should be developed for on-line delivery and the impending availability of these programs should be clearly communicated to potential students in catalogs and web sites.
- e. The three MAUs have indicated that increased faculty, training, and support for students such as instructional design, technology training and online student advising is needed. However, this need is not well documented. It is difficult to know what specific additional support is needed and where. Improved documentation stating requirements would help provide the path to additional resources.
- f. Because e-Learning is among the fastest developing scholastic areas in higher education, keeping up with the valid opportunities is vital. Each MAU has champions of new learning technologies, using various approaches to e-Learning. Getting these early adopters to share information within and among the MAUs will be important to keep all of UA up to date. In addition, continuous improvements to course/program technologies and reliable web presence are needed.

What are areas of effectiveness?

Some of the indicators of success across the UA system include an increase in course offerings, improvements to a single sign-on, system wide, and standardization of course coding within Banner.

The University of Alaska system has enjoyed strong progress in programs developed from the start to be provided utilizing e-Learning methods, particularly education and

nursing.

Improved coordination between UAA's Faculty Technology Center (FTC) and the Center for Advancing Faculty Excellence (CAFE) is leading to a more focused attention to the use of technology for assisting easier faculty teaching and student learning.

UAF has elevated its Center for e-Learning and Distance Education to report directly to the Chancellor. It is expanding its online course offerings by more than 15 percent. Twelve new courses will be offered Fall 2012 and 20 new courses are scheduled for Spring 2013. Two of the courses are in the UAF core.

UAS received an outstanding NCATE accreditation report, renewing the accreditation of the Education program there. Much of the program is provided via e-Learning and is a testament to UAS's quality and commitment to distance education.

Students are using e-Learning more and more to effectively schedule full class loads, avoid scheduling conflicts, and shorten the time to graduation.

Reference A. Higher Education Institutions Indicating Program and Course Delivery in Alaska

Distance / Online Institution	Web Address	Main Phone
A.T. Still University of Health Sciences	www.atsu.edu	480-219-6010
Allied American University	www.allied.edu	949-707-2978
Allied Business School, Inc.	www.alliedschools.com	949-598-0695
Allied Health Institute	www.alliedhealthinstitute.edu	866-251-3244
American Academy McAllister Institute of Funeral Services, Inc.	www.funeraleducation.org	212-757-1190
American College of Education	www.ace.edu	317-829-9384
American Institute of Business	www.aib.edu	515-244-4221
American InterContinental University	www.aiuniv.edu/AIU-Online	877-701-3800
American Public University System	www.apus.edu	304-724-3700
American Sentinel University	www.americansentinel.edu	800-729-2427
American University	www.american.edu	202 885 3224
Amridge University	www.amridgeuniversity.edu	334-387-7450
Anthem College	www.anthemcollegeonline.com	602-889-2700
Argosy University	www.argosy.edu	312-899-9900
Arizona State University	www.asuonline.asu.edu	480-884-1902
Art Instruction Schools	www.artinstructionschools.edu	612-362-5075
Ashford University	www.ashford.edu	858-513-9240
Aspen University, Inc.	www.aspen.edu	303-333-4224
Augustana College	www.augie.edu	605-274-4113
Aviation & Electronic Schools of America, (AESA)	www.aesa.com	530-346-6792
Baker College	www.baker.edu	800-469-3165
Bastyr University	www.bastyr.edu	425-602-3004
Bay State College	www.baystate.edu	617-217-9210
Belhaven University	www.belhaven.edu	601-974-6456
Bellevue College - Distance Learning	www.bellevuecollege.edu	425-564-2438
Benedictine College	www.benedictine.edu	913-360-7431
Berkeley College	www.berkeleycollege.edu	973-278-5400
Bob Jones University	www.bju.edu	864-242-5100
Boise State University	www.boisestate.edu	208-426-1202
Brandeis University	www.brandeis.edu	781-736-8317
Brescia University	www.brescia.edu	270-686-4252
Briarcliffe College	www.briarcliffe.edu	516-918-3601
Bryant & Stratton College Online Education	www.bryantstratton.edu	716-677-8800
Capella University	www.capella.edu	612-977-5100
Carrington College California	www.carrington.edu	630-353-3840
Cayuga Community College	www.cayuga-cc.edu	315-255-1743
Center for Advanced Legal Studies	www.paralegal.edu	713-529-2778
Central Bible College	www.cbcag.edu	417-833-2551
Central Christian College of Kansas	www.centralchristian.edu	620-241-0723
Central Michigan University's Global Campus	www.cel.cmich.edu	800-950-1144
Centralia College	www.centralia.edu	360 736 9391
Chamberlain College of Nursing Devry	www.chamberlain.edu	888-556-8226
Charter Oak State College	www.charteroak.edu	860-832-3800
Chatham University	www.chatham.edu	412-365-1632
Chicago School of Professional Psychology	www.thechicagoschool.edu	312-467-2586
Clark State Community College	www.clarkstate.edu	937-328-6118
Clarkson College	www.clarksoncollege.edu	402-552-3100
College of Lake County	www.clcillinois.edu	847-543-2384
Colorado State University, Continuing Education	www.learn.colostate.edu	907-491-2008
Colorado State University - Global Campus	www.csuglobal.edu	800-920-6723
Colorado State University - Pueblo	www.colostate-pueblo.edu	719-549-2304
Colorado Technical University	www.coloradotech.edu	866-942-6555
Columbia College	www.ccis.edu	573-875-8700
Columbia Southern University	www.columbiasouthern.edu	251-981-3771
Columbus State University	www.columbusstate.edu	706-507-8968
Concordia University	www.cu-portland.edu	503-280-8528
Corban University	www.corban.edu	503-375-7590
Dakota College at Bottineau	www.dakotacollege.edu	701-228-5601
Dallas Theological Seminary	www.dts.edu	214-841-3662
Daniel Webster College	www.DWC.edu	800-325-6876
Daytona College	www.daytonacollege.edu	386-267-0565
Denver Seminary	www.denverserminary.edu	303-761-2482
Duquesne University	www.duq.edu	412-396-4525
Eastern Kentucky University	www.eku.edu	859-622-3884
Eastern University	www.eastern.edu	610-341-1566
Eastern Wyoming College	www.ewc.wy.edu	307-532-8221
Everblue Energy	www.everblue.edu	888-204-8735

Distance / Online Institution	Web Address	Main Phone
Everest University - Laramie, Wyoming	www.everest.edu	407-851-2525
Everest University - Phoenix, Arizona	www.everest.edu	602-942-4141
Everest University - Pompano Beach, Florida	www.everest.edu	954-783-7339
Everest University - Tampa, Florida	www.everest.edu	813-621-0041
Excelsior College	www.excelsior.edu	518-464-8500
Fashion Institute of Design & Merchandising	www.FIDM.edu	213-624-1200
Fielding Graduate Institute	www.fielding.edu	805-687-1009
Florida Institute of Technology	www.fit.edu	321-674-8000
Florida International University	www.flu.edu	305-348-4434
Franklin University	www.franklin.edu	614-947-6135
Fremont College, LLC	www.fremont.edu	213-355-7777
Fresno Pacific University	www.fresno.edu	559-453-3670
Frontier Nursing University	www.frontier.edu	606-672-2312
Full Sail University	www.fullsail.edu	407-679-0100
Gemological Institute of America, Inc.	www.gia.edu	760-603-4000
Georgia Highland College	www.highlands.edu	706-295-6327
Georgetown University	www.georgetown.edu	202-687-3118
Global University	www.globaluniversity.edu	417-862-9533
Gordon - Conwell Theological Seminary	www.gordonconwell.edu	978-468-7111
Grace College & Seminary	www.grace.edu	574-372-5100
Grand Canyon University	www.gcu.edu	602-639-7500
Grantham University	www.grantham.edu	816 595 5759
Grays Harbor College	www.ghc.edu	360-538-4000
Greenville College	www.greenville.edu	618-664-6800
Harrison College	www.harrison.edu	317-447-6000
Heald College	www.heald.edu	916-414-2797
Heritage Christian University	www.hcu.edu	256-766-6610
Hobe Sound Bible College	www.hobeonline.com	772-545-1400
Hodges University	www.hodges.edu	239-513-1122
Huntington Junior College	www.huntingtonjuniorcollege.edu	304-697-7550
Huntington University	www.huntington.edu	260-359-4166
IIFBC, International Institute of Faith Based Counseling	www.iifbc.com	409-832-9060
Indiana Institute of Technology	www.indianatech.edu	260-422-5561
Indiana State University	www.indstate.edu	812-237-2304
Indiana Wesleyan University	www.indwes.edu	765-6746901
International Academy of Design & Technology	www.iadt.edu/Online	888-247-4238
ITT Technical Institute	www.itt-tech.edu	317-324-9700
Ivy Tech Community College	www.Ivytech.edu	317-921-4912
Jacksonville University	www.ju.edu	904-256-7016
John Hopkins University	www.jhu.edu	410-516-0641
Johnson & Wales University	www.jwu.edu	401-598-1345
Jones College	www.jones.edu	904-743-1122
Jones International University	www.jiu.edu	303-784-8000
Kaplan University	www.kaplan.edu	312-777-6646
Keiser University	www.keiseruniversity.edu	954-776-4476
Kennesaw State University	www.kennesaw.edu	770-423-6000
Kent State University	www.kent.edu	330-673-0054
Kettering University	www.kettering.edu	810-762-9790
Lakeland College	www.lakeland.edu	920-565-1298
Le Cordon Bleu College of Culinary Arts	www.chefs.edu/SCOTTSDALE	480-425-3000
Lesley University	www.lesley.edu	617-349-8306
Lewis - Clark State College	www.lcsc.edu	208-792-2213
Liberty University	www.liberty.edu	434-592-4800
Loma Linda University	www.llu.edu	909-651-5042
Louisiana Tech University	www.latech.edu	318-257-2924
Luther Rice University & Seminary	www.LRU.edu	770-484-1204
Mansfield University of Pennsylvania	www.mansfield.edu	570-662-4804
Martin Luther College	www.mic-wels.edu	507-354-8221
Marygrove College	www.marygrove.edu	313-927-1207
Maryville University of Saint Louis	www.maryville.edu	314-529-9676
Mayville State University	www.mayvillestate.edu	701-788-2301
Messiah College	www.messiah.edu	717-796-5375
Miami University	www.muohio.edu	513-529-1809
Mid-Continent University	www.midcontinent.edu	270-247-8521
Middle Georgia College	www.mgc.edu	478-934-3505
Midwife To Be	www.midwifetobe.com	864-836-8982
Miller-Motte College	www.miller-motte.edu	866-315-2926
Minnesota State University - Mankato	www.mnsu.edu	507-389-1623
Minot State University	www.minotstateu.edu	701-858-3000
Montana State University - Northern	www.msun.edu	800-662-6132

Distance / Online Institution	Web Address	Main Phone
Morningside College	www.morningside.edu	712-274-5353
Mount Carmel College of Nursing	www.mccn.edu	614-234-5850
Multnomah University - Portland	www.multomah.edu	503-251-5378
National American University	www.national.edu	605-721-5274
National Technology Transfer	www.nttinc.com	303-957-4318
National University College	http://online.nuc.edu	787-780-5134
New England College of Business & Finance	www.necb.edu	617-951-2350
New York Chiropractic College	www.nycc.edu	315-568-3000
North Carolina State University	www.ncsu.edu	919-515-9030
North Dakota State College of Science	www.ndscs.edu/online/	701-671-2430
North Dakota State University	www.ndsu.edu	701-231-8692
North Seattle Community College	www.northseattle.edu	206-934-3738
Northwestern College	www.nwciowa.edu	712-707-7000
Northwood University	www.northwood.edu	989-837-4187
Norwich University	www.graduate.norwich.edu	802-485-2567
Nova Southeastern University	www.nova.edu	954-262-5381
Ohio Christian University	www.ohiochristian.edu	740-474-8896
Ohio University eLearning	www.outreach.ohio.edu	740-593-9925
Oklahoma Wesleyan University	www.okwu.edu	918-335-6292
Olivet Nazarene University	www.olivet.edu	815-928-5660
Oregon Institute of Technology	www.oit.edu	541-885-1142
Pacific Northwest University of Health Sciences	www.pnwu.org	509-452-5100
Pacific Oaks College	www.pacificoaks.edu/home	312-467-2586
Peninsula College	www.pencol.edu	360-417-6484
Penn State World Campus	www.worldcampus.psu.edu	814-865-5403
Performance Training Institute	www.ptitraining.edu	480-257-3201
Philadelphia Biblical University	www.pbu.edu	215-752-5800
Piedmont Baptist College and Graduate School	www.pbc.edu	800-937-5097
Pima Medical Institute	www.pmi.edu	502-323-5987
Pinnacle Career Institute	www.pcittraining.edu	816-268-3450
Pittsburgh Institute of Mortuary Science	www.pims.edu	412-352-8500
Post University	www.post.edu	800-345-2562
Prescott College	www.prescott.edu	928-778-2090
Quinnipiac University	www.quinnipiac.edu	203-582-5669
Rasmussen College	www.Rasmussen.edu	952-806-3900
Rio Salado College	www.riosalado.edu	480-517-8226
Saint Joseph College	www.sjc.edu	860-231-5770
Saint Joseph's College of Maine	www.online.sjcme.edu	207-892-6766
Saint Leo University	www.saintleo.edu/	352-588-7540
San Joaquin Valley College	www.SJVC.edu	559-734-9000
Savannah College of Art & Design	www.scad.edu	912-525.5227
Saybrook University	www.saybrook.edu	415-433-9200
Shoreline Community College	www.shoreline.edu	206-546-5879
Sinclair Community College	www.sinclair.edu/online	937-512-2990
South University	www.southuniversity.edu	888-444-3404
Southeast Missouri State University	www.semo.edu	573-651-2626
Southern California Seminary	www.socalsem.edu	619-201-8960
Southern Illinois University Carbondale	www.omp.siu.edu	618-536-3388
Southern Oregon University	www.sou.edu	541-552-8290
Spartan College of Aeronautics & Technology	www.spartan.edu	918-836-6886
Stanbridge College	www.stanbridge.edu	949-794-9090
Stephen F Austin State University	www.sfasu.edu	936-468-1011
Stephens College	www.stephens.edu	573-876-7213
Stevens-Henager College	www.stevenshenager.edu/	801-290-3282
Tarleton State University	www.tarleton.edu	254-968-9103
Strayer University	www.strayer.edu	703-247-2500
Sullivan & Cogliano Training Center	www.sctrain.edu	786-871-7525
Texas Woman's University	www.twu.edu	940-898-3409
The Art Institute of Pittsburgh	www.aii.edu	412-921-6200
The New School	www.newschool.edu	212-229-8947
Thunderbird School of Global Management	www.thunderbird.edu	602-978-7000
Trident University International	www.trident.edu	714-816-0366
Troy University - eCampus; ATTN: Donna Stokes	www.troy.edu/ecampus	334-808-6411
Ultimate Medical Academy	www.ultimatemedical.edu	347-226-4608
Union Institute & University	www.myunion.edu	513-861-6400
University of Advanced Technology	www.uat.edu	602-383-8228
University of Akron, The	www.uakron.edu	330-972-6197
University of Arkansas, Fayetteville	www.uark.edu	479-575-5459
University of Central Florida	www.ucf.edu	407-823-4910
University of Central Missouri	www.ucmo.edu	660-543-4891

Distance / Online Institution	Web Address	Main Phone
University of Denver	www.du.edu	303-871-3897
University of Louisiana at Lafayette	www.louisiana.edu	337-482-1849
University of Missouri - Columbia	www.missouri.edu	573-442-3362
University of Missouri - Kansas City	www.umkc.edu	816-235-5588
University of Montana Western	www.umwestern.edu	406-683-7115
University of Nebraska	www.nebraska.edu	402-472-2111
University of Nebraska	www.nebraska.edu	402-472-2111
University of Nebraska - Lincoln	www.nebraska.edu	402-472-2111
University of Nebraska - Medical Center	www.nebraska.edu	402-472-2111
University of Nevada, Las Vegas	www.unlv.edu	702-895-2260
University of New England	www.une.edu	207-602-2678
University of New Haven	www.newhaven.edu	203-932-7000
University of North Carolina at Chapel Hill	www.unc.edu	919-843-1637
University of North Carolina at Charlotte	www.uncc.edu	704-687-4594
University of North Florida	www.unf.edu	904-620-1360
University of Northern Colorado	www.unco.edu	970-351-2944
University of Phoenix	www.phoenix.edu	602-557-1795
University of St. Augustine for Health Sciences	www.usa.edu	904-826-0084
University of St. Francis	www.stfrancis.edu	815-740-3807
University of San Diego	www.sandiego.edu	619-260-4585
University of San Francisco	www.usfca.edu/	415-422-6296
University of South Alabama	www.southalabama.edu	251-460-6447
University of South Dakota	www.usd.edu	605-677-6926
University of South Florida, Tampa	www.usf.edu/	813-974-8713
University of Southern California	www.usc.edu	240-487-3959
University of Texas at Arlington	www.uta.edu	817-272-2011
University of Texas of the Permian Basin	www.utpb.edu	432-552-2110
University of the Cumberland	www.ucumberland.edu	606-549-2200
University of the Incarnate Word	www.uiw.edu	210-829-2709
University of the Rockies	www.rockies.edu	866-621-0124
University of West Florida	www.uwf.edu	850-474-2325
University of West Georgia	www.westga.edu	678-839-0627
University of Wisconsin - Stout	www.uwstout.edu	715-232-2421
University of Wisconsin - Whitewater	www.uww.edu	262-472-1100
Upper Iowa University	www.UIU.edu	800-553-4150
Utah State University	www.distance.usu.edu	435-797-9700
Valley City State University	www.vcsu.edu	701-845-7202
Vermont Law School	www.vermontlaw.edu/	802-831-1247
Virginia College, LLC	www.vc.edu	888-827-7770
Wake Forest University	www.wfu.edu	336-758-1959
Walden University	www.waldenu.edu	800-925-3368
Washington State University	www.online.wsu.edu	509-335-5454
Weber State University	www.Weber.edu	801-626-6214
West Virginia University	www.wvu.edu	304-293-3733
Western Carolina University	www.wcu.edu	828-227-7397
Western Kentucky University	www.wku.edu	270-745-1900
Western Michigan University	www.wmich.edu	269-387-4198
Western Nebraska Community College	www.wncc.net	303-635-3606
Western Oklahoma State College	www.wosc.edu	580-477-7702
Western University of Health Sciences	www.westernu.edu	909-469-5381
Westwood College - Online	www.westwood.edu	877-817-9525
Whatcom Community College	www.whatcom.ctc.edu	360-383-3220
Wilkes University	www.wilkes.edu	570-408-4244

Source: Alaska Commission on Postsecondary Education, November 2012.

2012 UPDATE ON LEARNING AT UAA

Student enrollment in eLearning classes increased dramatically over the past decade at UAA, and continued to climb in AY11-12. This summary highlights current activity in training and support for faculty teaching electronically, and trends in student enrollment and credit hour production—as well as a look at where the students and courses are based.

TRAINING AND SUPPORT FOR FACULTY

UAA continues to increase its support for faculty training and development in the use of educational media. Enhanced coordination between UAA's Faculty Technology Center (FTC) and the Center for Advancing Faculty Excellence (CAFE) is leading to more focused attention to the most productive use of technology for faculty teaching and student learning.

CURRENT ACTIVITY

1. After a national search, a new Director of the Faculty Technology Center was hired in July 2012. David Dannenberg came to UAA from Blacksburg Virginia, where he was a Learning Manager with the Nature Conservancy, one of the largest on-line training consortia in the world.
2. The Faculty Technology Center is currently staffed with six full-time positions, up from four last year. The Center is in the process of hiring two additional full-time instructional designers and one part-time training coordinator, bringing the Center's total staff to eight and a half.
3. The 2nd FTC Technology Camp was held in August 2012. 180 faculty and staff attended the 30 hands-on workshops held during the week before the beginning of faculty contracts, demonstrating the level of interest and enthusiasm for teaching with technology.
4. The FTC, in collaboration with UAA Information Technology Services, is testing several new teaching tools for faculty, including ShareStream video streaming software, and Echo360 lecture capture software and web conferencing solutions. The Center is also testing the use of electronic textbooks in a variety of classes, to assess their functionality and ease of use.
5. UAA is now an institutional member of the Association for Authentic, Experiential and Evidence-Based Learning, EDUCAUSE Learning Initiative (ELI) and the Sloan Consortium—nationally recognized forums for the exchange of information on teaching and learning with technology.

6. The UAA Technology Fellows program re-launched in May 2012, convening 14 faculty from a variety of disciplines for a week long intensive. The program also includes regular meetings throughout the 2012-2013 academic year. The Fellows will serve as champions and mentors to other faculty within their departments.
7. This year the Faculty Technology Center created a faculty development funding pool to increase professional development opportunities. Funds will be awarded competitively from faculty proposals. This will help 15-30 faculty obtain additional training in course design and teaching effectiveness.

FUTURE ACTIVITY

1. The FTC will implement a new learning management system in the 2013-14 academic year, to better schedule and assess the effectiveness of its faculty professional development programs.
2. Beginning Fall 2013, the FTC will partner with UAA Distance Education Services to offer enhanced support to faculty teaching online courses.
3. The UAA Faculty Senate passed the following resolution on November 2: "The Faculty Senate supports the institutional availability and effective support of ePortfolios for enhancing, assessing, and showcasing student learning as an option for those faculty and programs that choose to use them and recommends that appropriate resources be committed to support them."

DISTANCE PROGRAMS

UAA offers 42 programs online, of which 20 are delivered 100% electronically and 22 are at least 50% media enhanced.

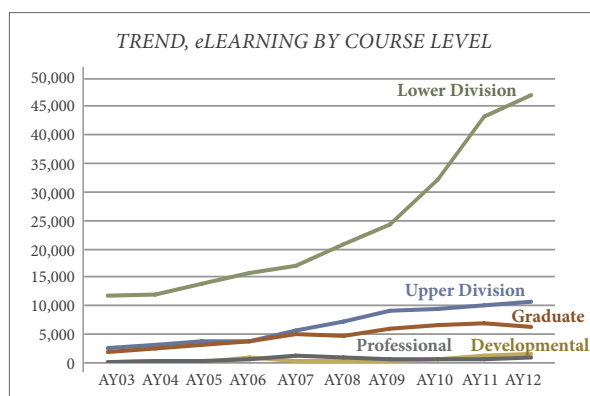
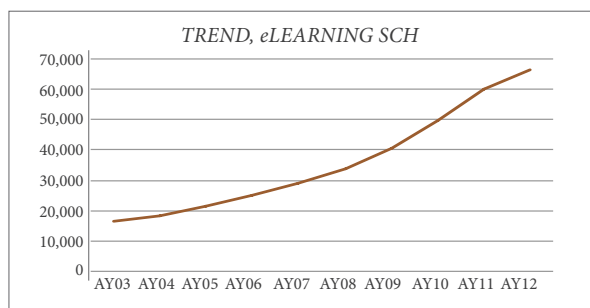
- 10 Master's Degree
- 10 Occupational Endorsement Certificates
- 8 Associate Degrees
- 6 Graduate/Post-Baccalaureate Certificates
- 5 Baccalaureate Degrees
- 3 Undergraduate Certificates

LEARNING AT UAA

Student credit hours in courses with at least 50% of the content delivered electronically increased 10.8% in AY12 and have nearly doubled in the last five years. While not as dramatic as the 21% gain the previous year, the increase is almost three times higher than the growth in overall student credit hours this year, indicating that students are increasingly using eLearning courses to advance their education.

TRENDS

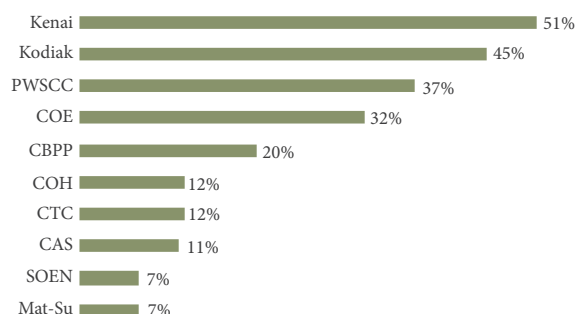
- **48%** of students took at least one course with an online component offered at any of UAA's campuses in Fall 2011, up 6% from Fall 2010 and 65% higher than Fall 2007.
- **17%** of all student credit hours at UAA are offered via eLearning courses, up from 12% in AY08.
- **80%** of the students enrolled in eLearning courses in Fall 2011 were based at the Anchorage campus.
- **71%** of eLearning SCH is in lower division courses (100-299) in Fall 2011, up from 61% five years ago.
- **70%** of the growth in eLearning student credit hours since AY08 has occurred at community campuses, led by Kenai Peninsula College.
- **4%** of the students enrolled in eLearning courses are from outside the MAU (215 from UAF and 218 from UAS).



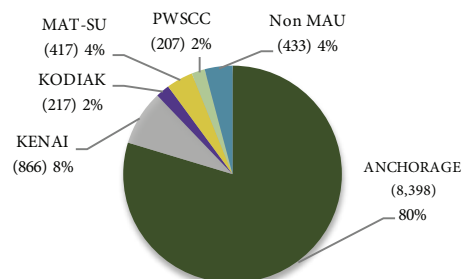
AY12 PERFORMANCE HIGHLIGHTS

- **Kenai Peninsula College** produced the largest increase of any unit (4,974) in AY12 and is now the largest producer of eLearning credit hours (17,278).
- **Kodiak College** added 1,446 SCH in eLearning courses, now the second largest producer of online SCH among the community campuses (3,697).
- The **College of Arts and Sciences** contributed 1,129 SCH to the growth in eLearning credit hours, a 7.5% increase over AY11 for a total of 16,137. The School of Engineering was the only other Anchorage-based unit to register an increase in eLearning credit hours in AY12 (up 170 to 816 total).
- In AY12 the MAU presented 1,335 courses with online content, with the majority (90%) requiring no location-based delivery.

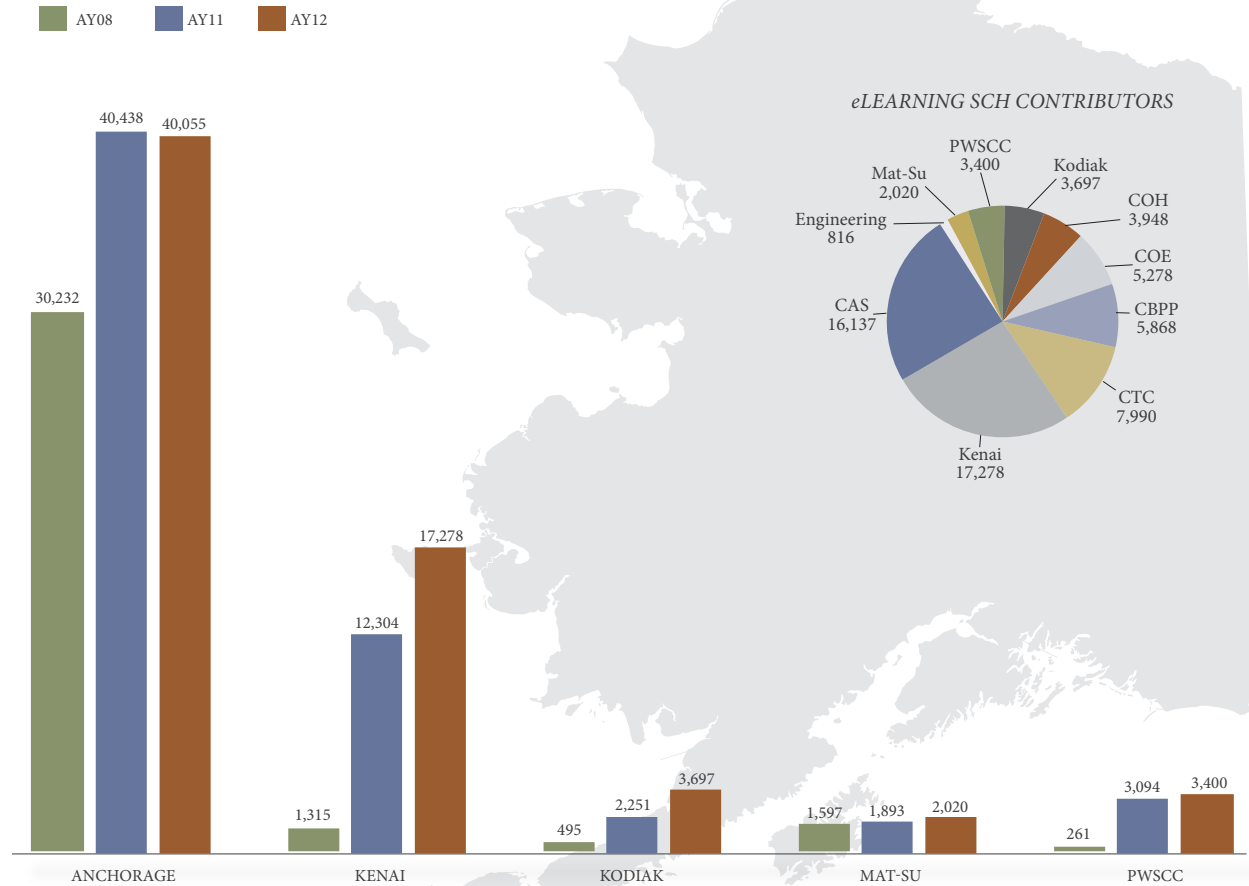
eLEARNING AS A PERCENTAGE OF TOTAL SCH, AY12



eLEARNING STUDENT HEADCOUNT BY HOME CAMPUS



eLEARNING CREDIT HOUR GROWTH BY CAMPUS



eLEARNING CREDIT HOURS										
	AY03	AY04	AY05	AY06	AY07	AY08	AY09	AY10	AY11	AY12
UAA MAU TOTAL	16,501	18,226	21,440	25,006	29,188	33,900	40,629	49,560	59,980	66,450
BY CAMPUS										
Anchorage	15,643	17,453	20,207	23,219	26,374	30,232	34,148	38,066	40,438	40,055
Kenai	78	423	558	541	1,040	1,315	3,765	7,798	12,304	17,278
Kodiak	93	48	-	123	197	495	493	1,114	2,251	3,697
Matanuska-Susitna	49	248	268	1,100	1,535	1,597	1,659	1,571	1,893	2,020
Prince William Sound CC	401	54	407	23	42	261	564	1,011	3,094	3,400
BY COLLEGE										
Academic Affairs	153	114	102	144	138	117	135	150	-	18
CAS	9,368	9,846	10,062	9,922	9,714	12,345	13,876	14,198	15,008	16,137
CBPP	2,797	3,216	3,186	3,141	3,783	4,845	5,049	6,270	6,180	5,868
COE	1,697	2,141	3,168	3,143	5,378	4,891	5,632	5,211	5,546	5,278
COH	289	750	1,872	3,079	3,394	3,296	3,478	4,725	4,715	3,948
CTC	975	1,008	1,546	3,575	3,661	4,287	5,343	6,907	8,343	7,990
SOEN	364	378	271	215	306	451	635	605	646	816

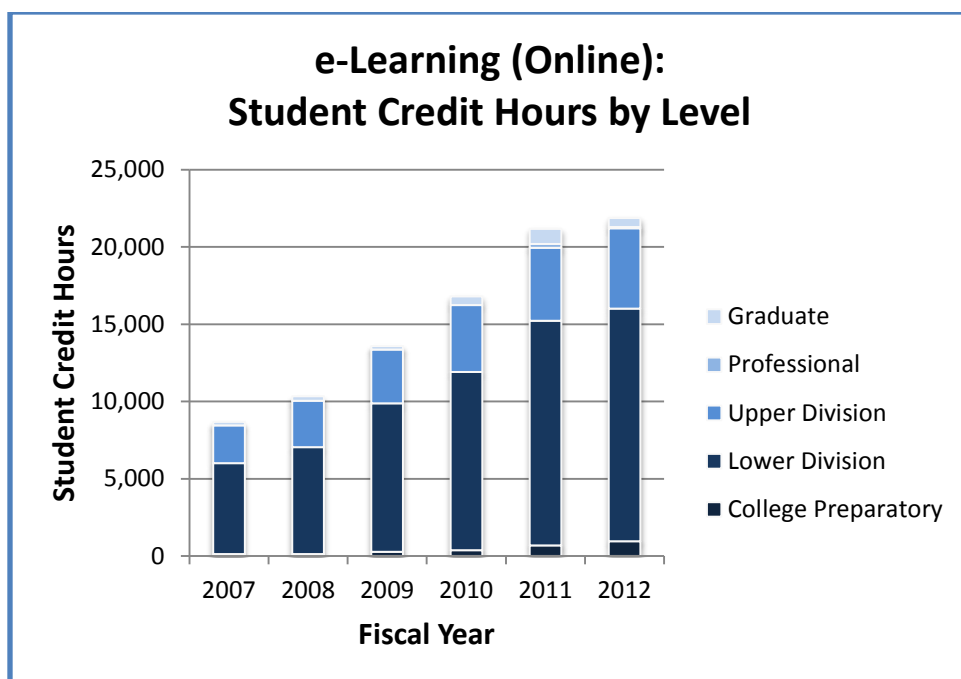


Report on e-Learning

November, 2012

Introduction

During summer of 2012, the unit responsible for most UAF online instruction was renamed and moved from the College of Rural and Community Development to the Chancellor's Office. The unit formerly known as the Center for Distance Education and Independent Learning is now eLearning and Distance Education. This reorganization was done because distance education and its audience have changed. When the Center for Distance Education was established, its primary mission was to deliver courses, in a paper-based format, to remote students via the postal service. Now eLearning and Distance Education serves students at all of UAF's campuses and many other locations, using a broad range of traditional and technological methods. Seventy-three percent of the credit hours delivered through the Center for Distance Education are to students who live in the Fairbanks area. An increasing number of students are using eLearning and distance courses to complete 2- and 4-year degrees.

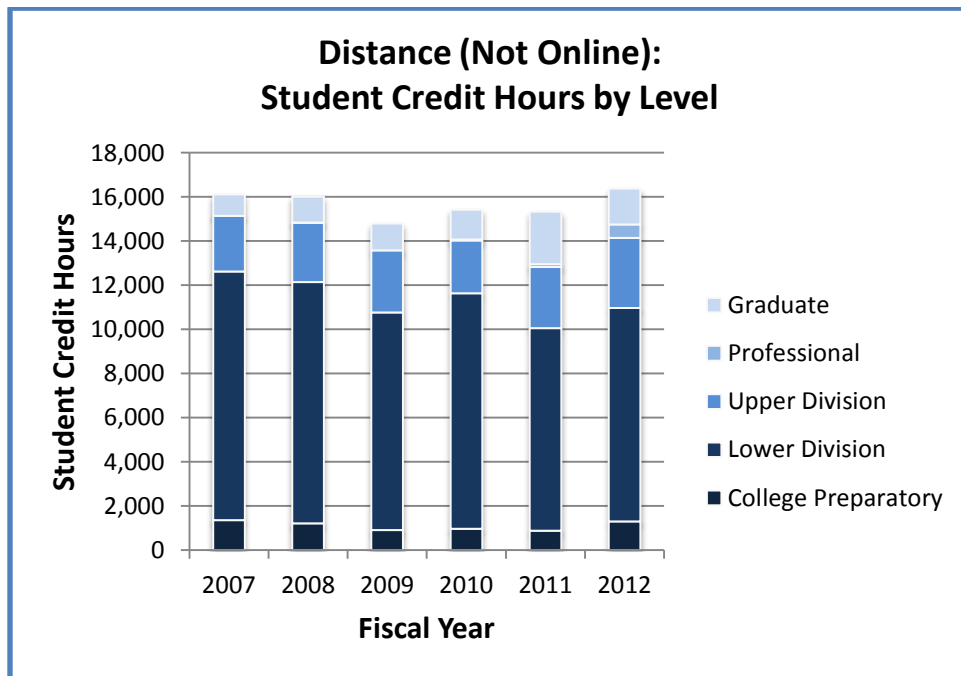


Source: UA Information Systems Banner SI, Closing Extracts

UAF online course enrollments have grown rapidly over the past five years. The enrollments have increased at all levels, although most of the courses are in the lower division (100 or 200 level). The total of other forms of distance learning, including audio courses, paper-based

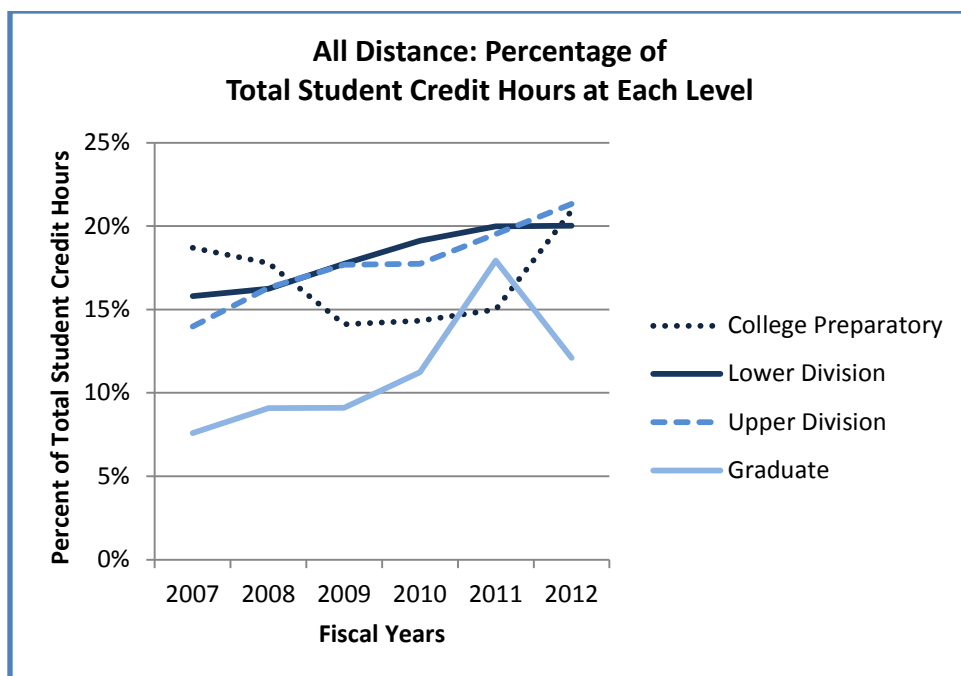
independent learning courses, and others, have remained constant. Some older methods of distance instruction, including paper-based independent learning courses, are being phased out in favor of additional online courses. These data do not include graduate courses numbered 698 and 699 (research and thesis) under the distance category, although some students do complete them off-campus. In addition, certain paper-based correspondence courses (the yearlong courses) are not included because start and end dates often do not fall within the same fiscal year.

The UAF MAU serves a region that includes communities that lack high-speed internet access and rely on satellite downlinks. In many of these communities, internet access of any kind is not available in most homes, but is rather limited to a school, health center, or other central facility. This means that some UAF courses are still delivered via mailed materials, telephone, and other lower-technology approaches. However, the IT infrastructure of northern and western Alaska communities is improving and delivery methods are changing to keep pace. UAF also offers a considerable number of courses, especially at the graduate level, by videoconference.



Source: UA Information Systems Banner SI, Closing Extracts

The percentage distance instruction includes both online and other approaches. Total student credit hours delivered by the Fairbanks MAU increased 14% from FY07 to FY 12. About 20% of all student credit hours in lower and upper division courses are delivered by distance, and the fraction has been increasing, reflecting UAF's efforts to increase the number of programs available via e-learning. A temporary decrease in preparatory (developmental) course student credit hours has been associated with course redesign that temporarily made some classes unavailable.



Source: UA Information Systems Banner SI, Closing Extracts

Terminology

Since summer 2011, after a statewide assessment of e-learning led by Sally Mead of the University of Alaska Anchorage, all UA courses have been categorized as shown in the table below. Before that, a different and more complicated system was used. Distance education at UAF is offered by several units, and before 2011 they did not all record the same information. For purposes of this report, UAF uses “e-learning” to refer to online courses, and “distance education” to refer to the broader range of options that don’t require students to be in a particular location to take a course.

Terminology	Current Courses	Historical Courses
e-Learning	0% location-based (Banner code 0)	Distance (Banner codes X, Y, Z)
Blended	1-20% and 21-50% location-based (Banner codes 1 and 2, respectively)	Blended (Banner code H)
Traditional	> 50% location-based (all other Banner codes)	Traditional (all other Banner codes)

Source: Catalog & Schedule state-wide Banner work team, 10/27/2011

Endorsement, Certificate and Degree Programs by Delivery

Categorization of complete academic programs is still difficult. While the coding of courses is now consistent, the system has been fully implemented for only one year. Since programs take years to complete, the mode of delivery of the courses that comprise programs is changing rapidly, and many distance programs are also offered face-to-face, UAF found that it was not yet possible to report on programs using exactly the system of course classifications above. Instead

we report on the characterization provided by the faculty who deliver the programs. This information was reported in terms of “distance” rather than “e-learning” programs, and the percentages reported are the percentages of total course requirements that can be completed by students in many locations. All locations are not served by all programs, since they have varying infrastructure requirements, ranging from high-speed internet to telephone only.

	Percentage that can be Completed by Distance				Total
	0-25%	26-75%	76-99%	100%	
Occupational Endorsements	1		7	4	12
Certificate	8	8	5	7	28
Associate Degrees	6	9	6	5	26
Bachelor's Degrees		39	23	1	63
Post-Bac. Educational Licensure		2	2		4
Graduate Certificate	1			1	2
Master's Degrees	28	13	5	4	50
PhD	10	2	1	1	14
Total	54	73	49	23	199

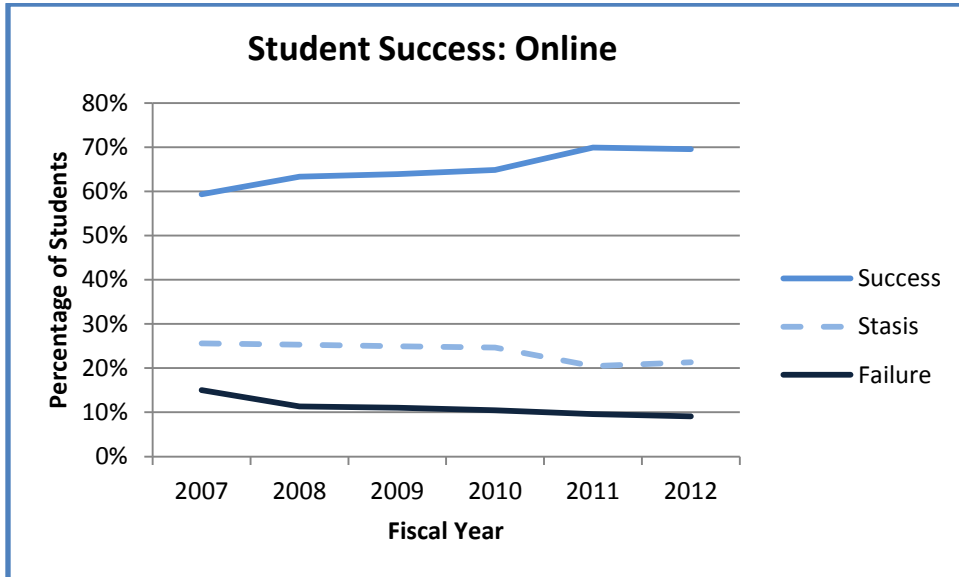
Of the 199 degree and certificate programs offered by UAF, 23 are offered to students that attend only via distance learning. This is three more than were reported in 2011. There are 49 programs with 76% to 99% of requirements offered by distance.

Degrees and Certificates Awarded

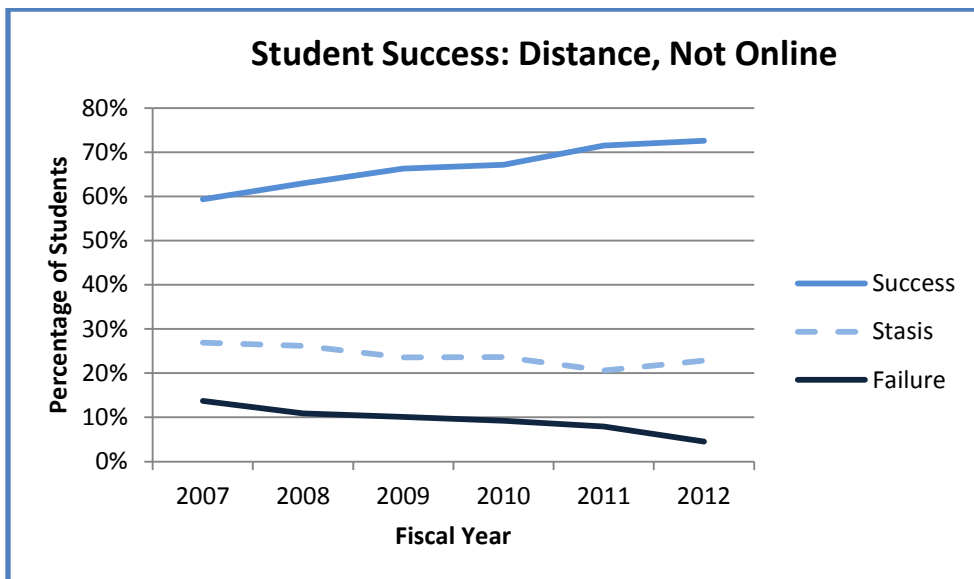
UAF can't currently report the number of degrees and certificates awarded to students attending entirely or partly by distance. The difficulty is that most of our distance programs are also delivered face-to-face. So, the method of student degree completion can only be ascertained by looking at the delivery mode of each course taken, student by student. Because before 2011 courses were not coded consistently in Banner, even that method is unreliable until several more years have passed.

Course Completion

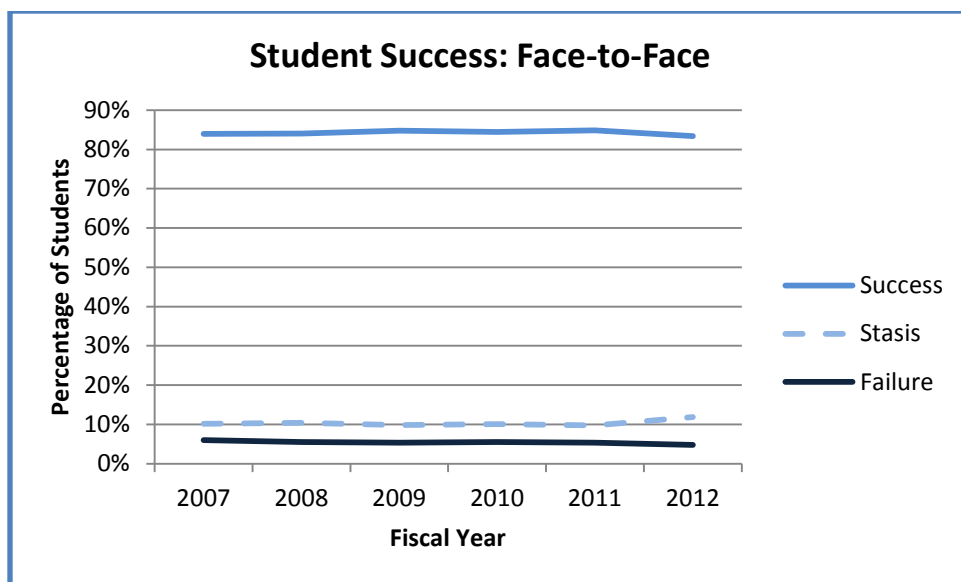
In the graphs below, grades of D- or higher and pass (P) grades were counted as successful completion. Stasis grades include audits, no basis grades, incompletes, deferred grades, and withdraws; failures are F grades. UAF eLearning and Distance Education has undertaken a concerted effort to improve student success in the courses that they offer, which accounts for much of the increase in success shown. Online and other distance course failure rates are now nearly as low as in traditional face-to-face courses, although stasis rates remain higher in distance courses.



Source: UA Information Systems Banner SI, Closing and Live Extracts



Source: UA Information Systems Banner SI, Closing and Live Extracts



Source: UA Information Systems Banner SI, Closing and Live Extracts

Cooperation and Coordination with Other MAUs

All academically qualified UA students are welcome to enroll in most UAF eLearning and Distance Education courses on a first-come, first-served basis. Preference for enrollment in some rural campus distance courses is given to students served by that rural campus. Some units (particularly those offering graduate or post-baccalaureate programs) restrict courses to only the students who have been admitted to a given academic degree or certificate program.

Open Online Courses

UAF eLearning and Distance Education offers 24 open online courses, with more being added each semester (<http://idesign.uaf.edu/courses/opencourses/>). These open courses increase access to knowledge and allow students to preview course materials before they enroll.

Quality and Assessment

Student learning outcomes assessment is required and being implemented for all degree and certificate programs. The intended learning outcomes must be attained for students, no matter where or how UAF delivers the program. Academic departments are responsible for reviewing learning assessment information annually, and a comprehensive review of learning outcomes assessment by all programs was recently completed.

Off-Campus Services of the Elmer E. Rasmuson Library

Off-Campus Library Services serves rural UAF students and faculty who do not have access to appropriate information resources in their town or village. The Off-Campus Library Services unit is committed to fast, efficient, and accurate responses to the people requesting service. The types of materials supplied include books or photocopies of articles or any other item (e.g., audio and

video recordings) that is available for checkout. Depending on the type of material, it will be sent via mail, e-mail, or fax.

Ongoing UAF e-Learning Training for Faculty

UAF eLearning and Distance Education

UAF eLearning and Distance Education has a curriculum called iTeach that develops faculty skills in several on-line instructional tools as well as on-line instructional design and pedagogy (<http://iteach.uaf.edu/>). A week-long iTeach is offered two to four times annually, depending on demand and availability of funding. During Fall 2012 eLearning also offered “iTeach Weekends”, which met over seven Saturdays and Sundays in October and November. UAF eLearning offers the content of this training, and more, on a website that is open to anyone at any time (<http://iteachu.uaf.edu/>).

Office of Information Technology

Online instruction in the use of a wide variety of software is available any time via UA’s subscription to Atomic Learning (<http://www.atomiclearning.com>). UA provides video Blackboard training at <http://www.alaska.edu/oit/services/uaf-blackboard/bbtraining/>.

UAF OIT offers in-person and ELive (distance) training on Blackboard and other tools useful in distance education. Classes offered (usually two to four times monthly) during calendar year 2012 include:

Class Name
Blackboard Learn: Assessments & Collaboration
Blackboard Learn: Introduction, Navigation and Communication in the new Blackboard
Blackboard Learn: Using the Grade Center
Blackboard Support Virtual Office Hours
Blackboard Walk-in Support and 1-on-1 Training
Blackboard Tips and Tricks
Blackboard: Adding Blogs and Wikis with Campus Pack
Blackboard: Adding Google Apps and other Web 2.0 Tools
Configuring Your iTunes U Course
Introduction to Google Groups
Introduction to the iPad for Instructional Use

The Status of eLearning at UAS

November, 2012

Introduction

The University of Alaska Southeast (UAS) has long made a priority of offering quality eLearning or online programs to students throughout the Southeast Alaska and to communities across the state. UAS' *Strategic and Assessment Plan*¹, adopted in 2012, underscores this commitment to excellence in online teaching and learning and a major focus on student success for those enrolled in eLearning programs. Importantly, a number of complete degree programs are available via eLearning through UAS, including the Associate of Arts, Bachelor of Business Administration, Master of Public Administration, Bachelor of Arts in Special Education, Bachelor of Liberal Arts, and Master of Arts in Teaching (MAT).

The prominence of eLearning at UAS is reflected in the fact that a majority of students enrolled at both the Ketchikan and Sitka campuses are eLearning students. For example, in Sitka over 77% of all student credit hours are earned through in eLearning (Fall 2012 data); an increase of over 25% in the last five years. By 2021, UAS anticipates that this use of eLearning will grow even more—to 88% of credit hours generated by Sitka courses. The Ketchikan campus projects a slight increase in eLearning to about 67% of the student credit hours. The Juneau campus expects that the proportion of eLearning student credit hours will grow more modestly—to about 31%.

A recent report by the McDowell Group on student retention at UAS stated that eLearning “was the number one most-liked aspect of UAS, and the number one reason that students chose to attend UAS.”² The report went on to state:

“...survey results showed that the distance students are equally as satisfied as traditional students [for both full- and part-time students]... Distance students who participated in the discussion group were hugely appreciative of their ability to take classes without compromising their family and work situations. *UAS should be cognizant of the immense value of their distance programs in efforts to recruit and retain students.*” (emphasis added, p. 7)

Defining eLearning

The definition for eLearning - accepted and used system-wide - is listed in the glossary of metrics maintained by UA Institutional Research & Analysis³:

eLearning is planned learning that predominantly occurs in situations where a student is not required to be in a predetermined location. eLearning courses require a different course design and development, different pedagogical techniques, and communication through instructional technologies. eLearning courses are delivered in many forms, including video conference, audio conference, correspondence, tele-courses, satellite telecasts, courses available via the internet,

¹ http://www.uas.alaska.edu/UAS_StrategicPlan/docs/strategic-plan-public_10-17.pdf

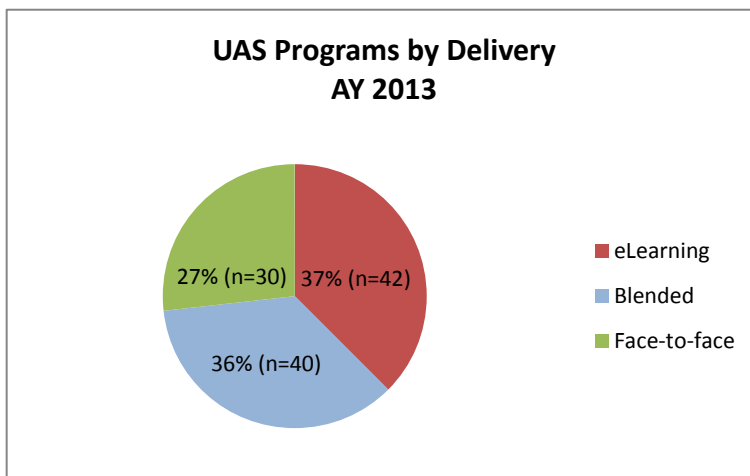
² http://www.uas.alaska.edu/student_services/docs/uas_mcdowell_retention_study2012.pdf, [page 7]

³ “eLearning Course Type”, iData, <http://alaska.datacookbook.com>

CD-ROM, video/audio tape, etc. A course may be delivered entirely via eLearning or by a hybrid of eLearning and on-campus.

Since Summer 2011, UAS courses have been categorized according to a scale describing ranges of the percentage of delivery that is location-based. As the terms are used here, “eLearning” refers to courses that are 0% location-based, “blended” courses are between 1% and 50% location-based, and “face-to-face” courses have more than 50% of their content delivered on campus. Academic programs are described similarly: “eLearning” programs are those for which every required course is available via eLearning; over 50% of the courses required in “blended” programs are available via eLearning; and for “face-to-face” programs, 50% or less of the required courses are available only with eLearning delivery.

Endorsement, Certificate and Degree Programs by Delivery



UAS academic programs are differentiated by the delivering campus, degree level, major, and concentration. Differences in delivery methods can be a function of any one of these variables. For example, one campus may deliver a program by eLearning while another offers a similar program with a blended methodology. Or, the content and delivery for a particular degree and major can vary according to the concentration. UAS students have enrolled in 42 programs delivered by eLearning, 40 with blended delivery, and 30 delivered face-to-face so far in academic year 2013. Compared to academic year 2012, students are enrolled in one less blended program and three less face-to-face programs.

Most eLearning and blended program offerings are at the baccalaureate degree level. The number of non-location-based academic programs are broken out by degree level as follows (not counting programs affiliated with pre-majors and students with undeclared emphases, and counting suspended programs that are still being taught out)⁴.

Degree Level	eLearning Programs	Blended Programs
Occupational Endorsement (OE)	6	4
Undergraduate Certificate	11	3
Associate/Associate of Applied Science	8	6
Baccalaureate	10	15
Master	5	7
Graduate Certificate	2	5

Three programs have been introduced in academic year 2013: the face-to-face Mine Mechanic Occupational Endorsement, the MAT in Special Education with a blended delivery and the BA in Special Education available by eLearning. Nine programs have been discontinued: Early Childhood Education programs (including the Child Development Associate OE, an undergraduate certificate, an AAS, MAT, MED, and graduate licensure), as well as the

⁴ Prior reports (through academic year 2012) were based on a Spring 2011 state-wide survey of department representatives, coordinated by Sally Mead. Since then, program delivery has been updated by UAS campuses and academic departments. Seven OE programs, 7 certificates, 7 AAS programs, and 3 baccalaureate programs were re-categorized. Unlike courses, degree and certificate programs are not encoded in Banner for delivery methods.

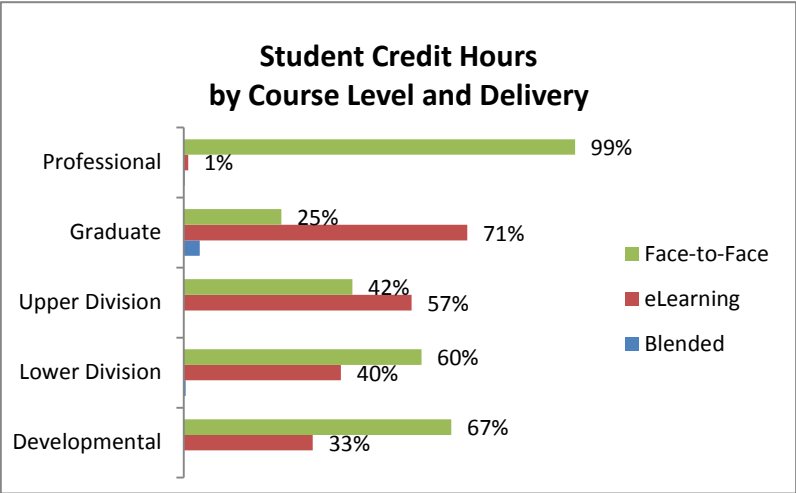
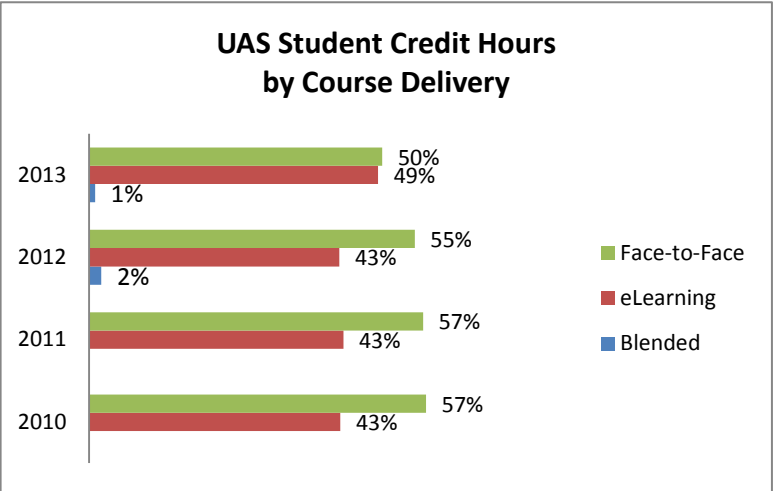
MBA and the Management graduate licensure, and a minor in Gender Studies. Except for the minor, these discontinued programs had either blended or eLearning delivery.

Until academic year 2012, two alternative versions of the MAT in Elementary Education were offered. They differed in terms of the minimum number of credit hours required, courses comprising the majors, and delivery - one was blended and the other was delivered face-to-face. Only the blended program is offered this year. The delivery for several certificates in Computer Information & Office Systems has changed or expanded with changes to the UAS campuses delivering them. The certificate in Network and Systems Administration was a blended program in 2011 and is now available only by eLearning; the certificate in Web Development & Administration had been a blended offering through only one campus until 2012, when another campus began offering an eLearning version of the program; the occupational endorsement for Network and Systems Administration was solely eLearning until a second campus began offering a blended version.

eLearning and Blended Enrollment

Of the UAS programs available with non-location-based delivery, the AA degree program remains the most popular by headcount (n=246 students), followed by the BBA in Accounting (n=166), and the AAS in Business Administration (n=95). Students who are not seeking UAS degrees may also take advantage of eLearning and blended offerings, as represented by 122 high school students and 279 students seeking degrees at other MAUs taking UAS courses.

For the last three academic years, 43% - 45% of the total student credit hours generated at UAS were delivered with non-location-based methodologies⁵. Courses delivering most or all of their content online generated half the student credit hours for Summer and Fall 2012.



At higher course levels, the number of offerings and the interest in eLearning and blended delivery increase. Over the last three years, the average number of student credit hours generated in non-location-based courses is greatest for graduate-level courses, and more eLearning credits were produced in upper division courses than for lower division or developmental level courses.

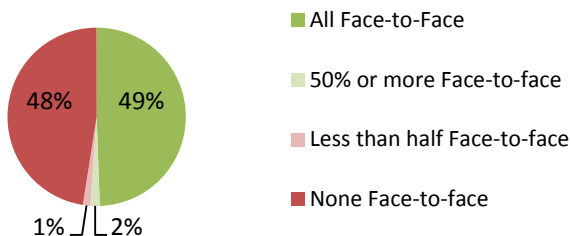
⁵ Data source: UA Decision Support Database (DSD), compiled by UAS IE from closing extracts through Summer 2012 and opening extracts for Fall 2012.

Student Credit Load

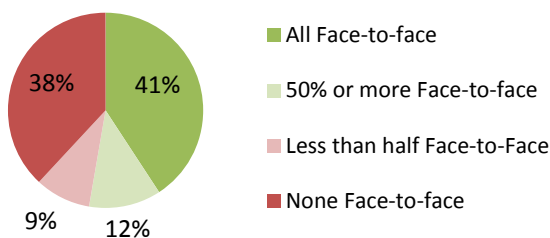
Over the last three academic years, the delivery methods students chose varied by enrollment load in UAS classes.

Less than half-time students (with less than 12 credits over a year) were nearly as likely to choose a face-to-face course as a non-location-based one.

**Proportion of Enrollment Load
by Delivery
For Less than Half-time UAS Students**



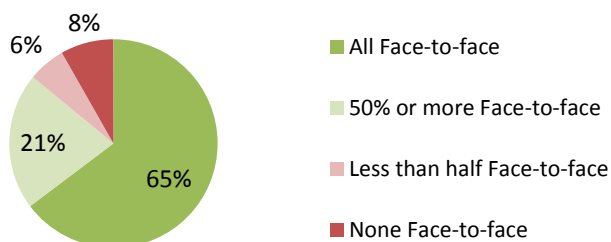
**Proportion of Enrollment Load
by Delivery
For Half-time UAS Students**



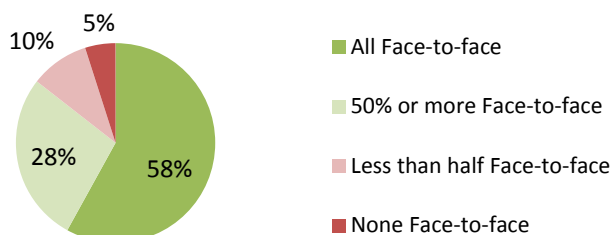
Half-time students (with 12-23 credits over a year) were the most likely to enroll in courses having different delivery methods, although most of them selected a face-to-face format for all of their courses.

Full-time students (in 24 – 29 credits over a year) opted primarily for a face-to-face format.

**Proportion of Enrollment Load
by Delivery
For Full-time UAS Students**



**Proportion of Enrollment Load
by Delivery
For Full-time UAS Students**

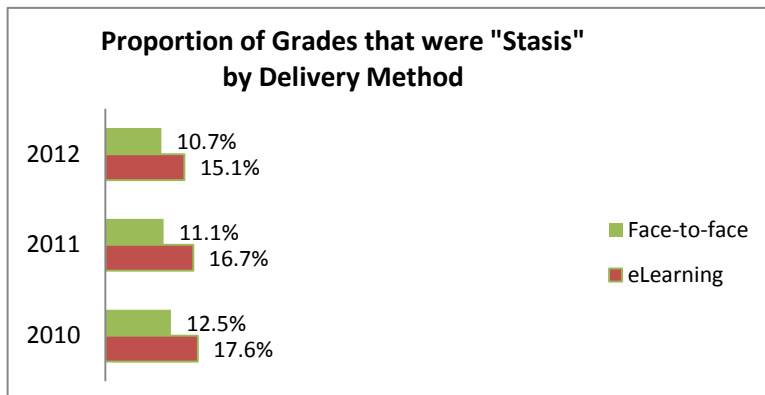
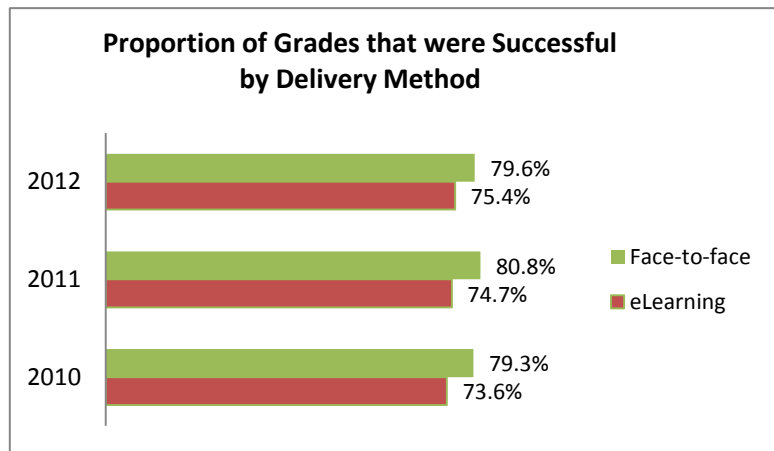


Fully enrolled students (taking 30 or more credits in a year) took mostly face-to-face courses, but were also more likely to fill out their schedules with courses that were delivered with eLearning or blended methods.

Course Completion

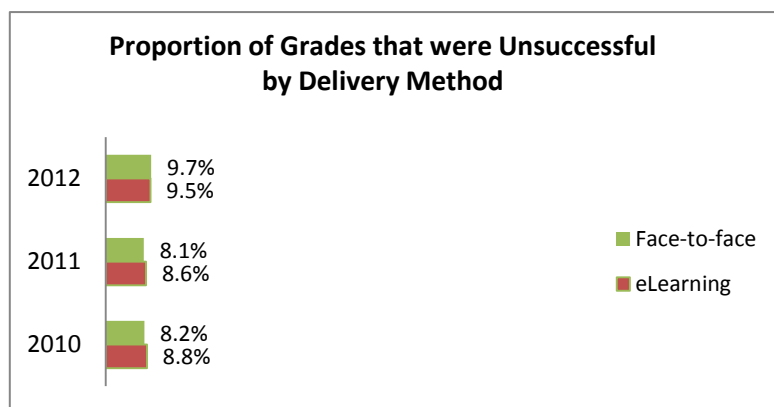
Course completion rates by delivery were evaluated in terms of three completion categories. For undergraduates, grades of C or higher, pass grades, and CR (credit) grades are counted as successful completion; for graduates, B/pass or higher are considered successful. Stasis grades include audits, no basis grades, incompletes, and withdraws. For undergraduates, C-/no pass grades or below are counted as unsuccessful; for graduate students, B-/no pass grades or below are considered unsuccessful. There were too few blended courses to provide meaningful completion rates⁶.

As might be expected, there have consistently been greater success rates for face-to-face courses, but the gap between face-to-face and eLearning course success is closing. In general, success rates in eLearning courses have been improving.



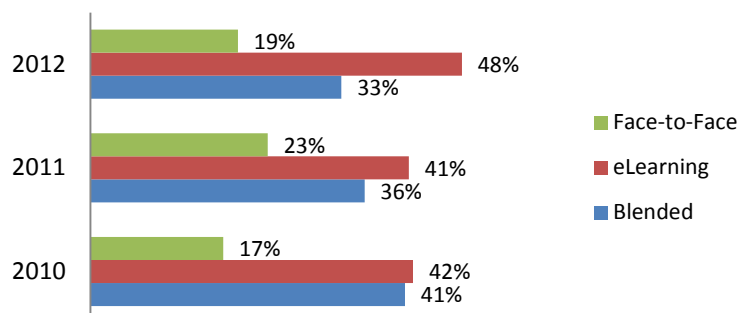
Compared to face-to-face courses, students tend to withdraw more from eLearning courses, and earn more no-basis grades and incompletes. The Early Alert system implemented at UAS last year may be one reason why stasis grades are improving. The success of this system is being tracked to enable in-depth analyses.

Until academic year 2012, there was a slightly greater percentage of all grades earned in eLearning courses that were unsuccessful than in face-to-face courses. In academic year 2012, students were about as likely to earn unsuccessful grades in face-to-face courses as they were in eLearning courses.



⁶ Prior reports categorized D- and higher as "successful" for both undergraduate and graduate students. With the adoption of the Successful Course Completion metric as an indicator for the objective of academic excellence in the [UAS Strategic and Assessment Plan](#) (July, 2012), a distinction was made between graduate and undergraduate courses, and "success" was defined as those grades meeting the prerequisites for enrollment in subsequent courses.

**Proportion of Graduates
by Program Delivery**



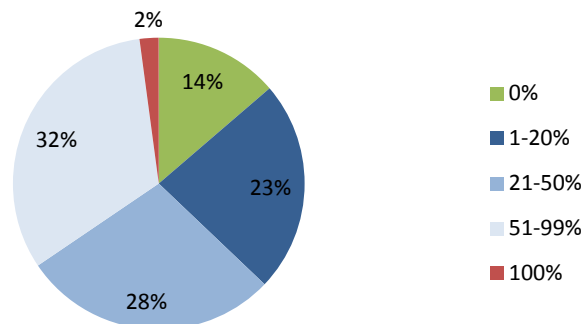
Degrees and Certificates Awarded

Of the 543 endorsements, certificates and degrees awarded in academic year 2012, 262 were in eLearning programs, 177 were in blended programs, and 104 were in face-to-face programs. The number of awards in blended and face-to-face programs was similar to academic year 2011, but the number of graduates in eLearning programs represents a marked increase.

Graduates' Course Delivery

Of the 1,272 students who have earned an endorsement, certificate or degree at UAS since academic year 2010, 2% (n=30) have done so entirely via eLearning, and 14% took only face-to-face courses. Most graduates (32%) have earned their awards by taking more than half of their credits via eLearning. (All the recorded courses the graduates ever took in the UA system were considered, not just the courses required for the degree program.)

**2010-2012 Graduates
Proportion of eLearning Credits Taken**



eLearning Structure at UAS

At UAS, schools and departments—guided by the UAS Strategic and Assessment Plan—evaluate program goals and make the decision to incorporate eLearning based on student population needs and program objectives. UAS degree programs are managed at the school level.

Since 1999, UAS course web sites have used a 'hybrid' strategy combining commercial tools, including Blackboard, with custom software to deliver an integrated brand-neutral system. Beginning with Fall 2012 classes, all UAS course sites are now delivered by the Blackboard Learn server managed by UAS IT Services.

UAS policies contribute to a successful eLearning environment, in particular: 1) requiring that every UAS course have an active web site; 2) requiring that these sites be available to students and the public as soon as the course schedule is published; 3) requiring course syllabi be published on all course sites; 4) retaining course web sites indefinitely; 5) leveraging course web sites to deliver institutional as well as course resources; and 6) leveraging course web sites to collect student ratings of courses.

Faculty continue to innovate in the area of eLearning. This year, three UAS School of Education faculty are initiating a Massively Open Online Course (MOOC). A combination of a class on differentiating instruction through technology with a class on technology for math education, the MOOC is offered as a credit course, as a PEC offering, and on the open

web. All instruction and student interaction occurs in the 'Cloud' where computing resources (hardware and software) are delivered via the internet using cloud computing tools instead of a course management system like Blackboard.

Support and Training for eLearning through UAS

Faculty development seminars along with group and one-on-one training with IT staff are available. UAS filled an Instructional Design position during Summer 2011. The Instructional Designer is based in Sitka but serves all of UAS. She has provided support and individual mentoring to over 60 faculty so far this semester. Intensive faculty development workshops on eLearning—called *iTeach workshops*—were offered in Juneau and Sitka. Sixteen faculty participated, with over 60 hours of group workshops delivered both face to face and via webconferencing. With a focus on expanding the use of online instruction technologies, the workshops were instrumental in the relatively smooth transition from UASOnline to Blackboard. UAS policies mandate the use of course websites and similar technologies. Consequently, there is a 90% adoption of web course management technologies across all programs and courses – not just those online. Also, 46% of UAS students providing course evaluations 'strongly agree' that technology is used effectively in instruction; this is twice the national average of 22% for this metric.

Faculty in the Schools of Management and Education mentor new and adjunct faculty to ensure they are prepared for instruction through online delivery methods. Education Technology faculty also help their colleagues with online teaching assignments. In the UAS School of Education, where the majority of graduate degree programs are delivered via eLearning, the class size is usually capped at 20% less than for location-based classes.

Cooperation and Coordination with Other MAUs

UAS transitioned fully to Blackboard Learn in Fall 2012. The other MAUs are adopting a version of the UAS portal (UAS Online!) to allow UA-wide single sign-on. The system allows students to see all their courses at once, regardless of the campus delivering the course. UAS has created a self-service tool (ELMO) for login functions to student information systems that has been adopted throughout the UA system. UAA continues to provide hosting for Elluminate, a virtual classroom environment used in UAS courses. However the vendor is phasing out this product and a UA-wide committee is currently investigating alternatives.

A UA-wide consensus was reached to more accurately categorize and track course delivery. Coding for a scale describing ranges of the percentage of delivery that is location-based was implemented in UAS courses beginning Summer 2011, and resulted in improved web-based course searches. More recently, the categorization of academic programs has been updated to facilitate new federal IPEDS reporting requirements across the UA system.

Quality and Assessment

Assessment plans are in place for all degree programs regardless of delivery method. Assessments are reviewed annually and the results reported to Deans and Directors. Five-year program reviews conducted during 2010, 2011, and 2012 have resulted in the suspension with "teach-outs" of the MBA and Early Childhood Education programs, and recommendations for continuation (with improvements, redesign, or expansion) of several other programs.

Institutional Concerns

eLearning is an essential part of Schools of Education and Management programs, and is in use throughout the Schools of Arts & Sciences and Career Education. The specific approach or delivery method may vary between schools since programs are delivered depending on the target audience and program goals. eLearning is not a function separate from course or program content but applied as appropriate.

A review of student comments regarding IT services indicates a continuing desire for advance notice of technologies that are used in classes and an interest in seeing additional standards in the use of the technology, such as the required use of an electronic grade book. However, these suggestions come from students taking either or both online and location-based courses.

As noted above, the McDowell Group⁷ underscored the importance of blended and eLearning delivery to the students enrolled at UAS, including both off-site students and those seeking degrees and certificates in programs that are primarily face-to-face. Clearly, meeting the information and instructional needs of students in non-location-based courses and programs is critical, and UAS expects to continue its focus on increasing the resources available for these students in the years ahead.⁸

⁷ http://www.uas.alaska.edu/student_services/docs/uas_mcdowell_retention_study2012.pdf, [page 7]

⁸ See uas.alaska.edu/students/getahead/elearn.html for a compilation of resources addressing such essential information as registration, tuition and FAQs. Recently a distance version of freshman and transfer student orientation has been developed to address the specific needs of eLearning students at uas.alaska.edu/orientation/distance/index.html. UAS Library faculty and staff are available for specific eLearning support, and Library websites also prominently display information relevant to Distance Education students at uas.alaska.edu/library/services/distance-ed.html.



Program Description

e-Learning is planned learning that predominantly occurs in situations where a student is not required to be in a predetermined location. e-Learning courses require a different course design and development, different pedagogical techniques, and communication through instructional technologies.

e-Learning courses are delivered in many forms, including video conference, audio conference, correspondence, telecourses, satellite telecasts, courses available via the Internet, CD-ROM, and/or video/audio tape, etc. A course may be delivered entirely via e-Learning, or by a hybrid of e-Learning and on-campus methods.

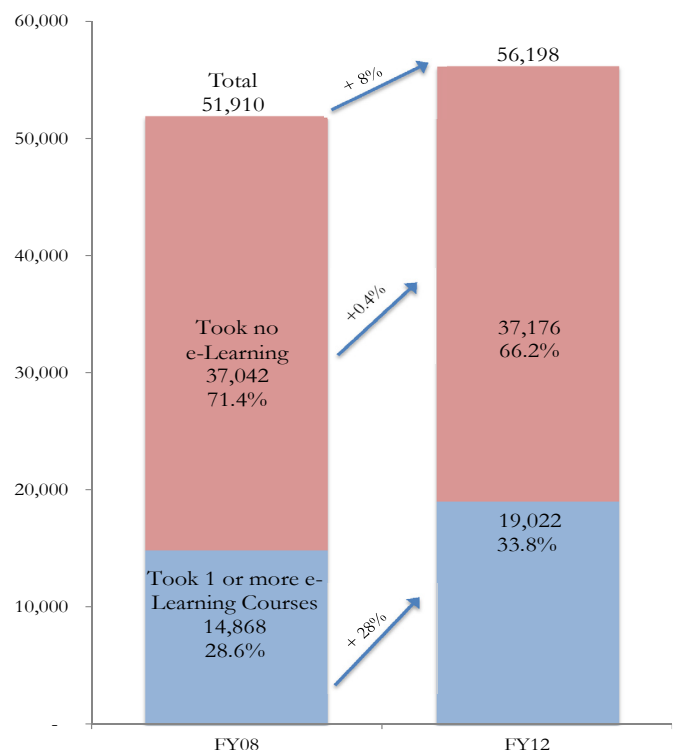
Outcomes

Over the past decade, the University of Alaska has steadily expanded its capacity to serve students via e-Learning. Students using e-Learning courses are increasingly focused on pursuing degrees, and an increasing proportion of those students are enrolled full-time. In FY12, nearly 34 percent University of Alaska students took an e-Learning course, compared with 29 percent in FY08.

**Credit and Non-Credit Course
Student Headcount and Course Completion,
FY08 and FY12**

	FY08	FY12	FY08-12 Change
UA Annual Student Headcount	51,910	56,198	+ 8%
e-Learning Annual Student Headcount	14,868	19,022	+ 28%
% of UA Annual Student Headcount	29%	34%	+ 5%
Course Completion Rate, e-Learning courses	60%	62%	+ 2%
Course Completion Rate, non-e-Learning Courses	65%	67%	+ 2%

**Annual Student Headcount: Proportion to UA Total
FY08 and FY12**



Note: Annual student headcount is unduplicated and includes students taking for-credit, non-credit and year-long classes. A fiscal year consists of consecutive summer, fall and spring semesters, as well as year-long courses.

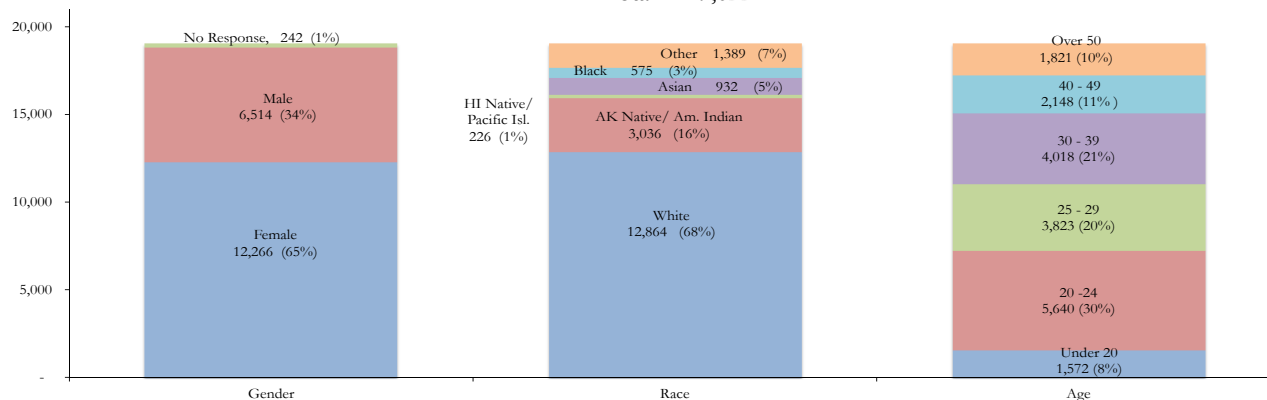
Source: Data Supplied by MAUs via UA Information Systems; UA Decision Support Database (DSD) compiled from Banner SI Closing Extracts FY08-FY12.

Compiled by UA Institutional Research and Analysis. iData 2234

e-Learning Annual Student Headcount by Gender, Race, and Age

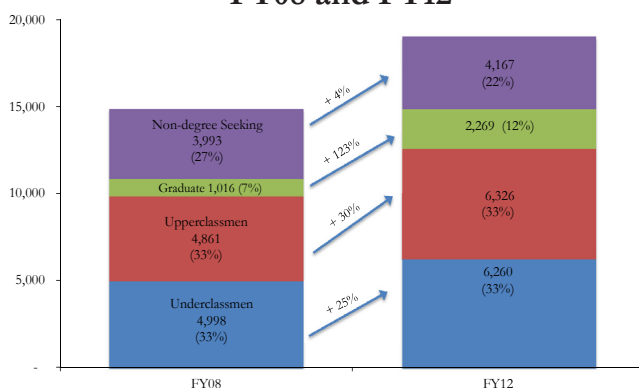
FY12*

Total = 19,022

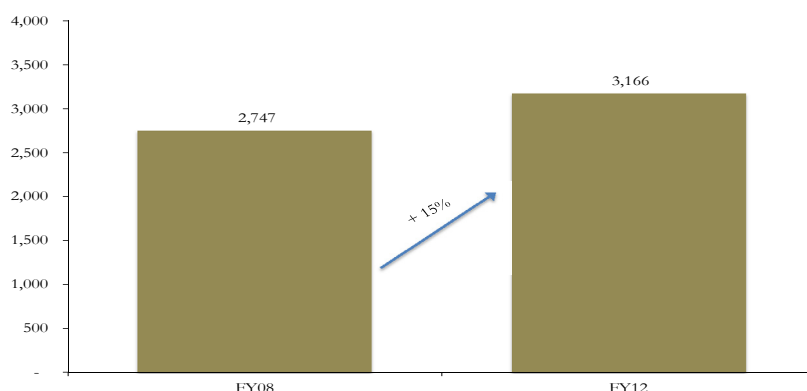


*"Hawaii Native/ Pacific Islander" was recorded as "Asian" prior to Fall 2010.

e-Learning Annual Student Distribution by Class Standing FY08 and FY12



Number of Course Sections Offered FY08 and FY12**



**Only includes sections with enrollment.

Highlights

- The number of e-Learning course sections rose by 15 percent in the past 5 years, from 2,747 in FY08 to 3,166 in FY12.
- In FY12, 19,022 University of Alaska students participated in one or more e-Learning courses, 28 percent more than in FY08 (14,868).
- Among first-time, full-time degree seeking freshmen, those who enroll in e-Learning courses graduated at a slightly higher rate (32.9%) than those who did not (28.9%) in FY11.
- Over the past 5 years, the e-Learning annual student body distribution by race has remained steady. Alaska Native/ American Indian students made up 16 percent of students in FY12, reaching an annual student headcount of 3,036.
- Traditional age students (18-24) composed 30% of the e-Learning annual student body in FY12. Students aged 30 to 39 made up 21%.

- In FY12, the top 5 e-Learning course subjects, by annual student headcount, were English (9%), Business Administration (7%), Psychology (5%), Mathematics (5%) and Computer Info and Office Systems (5%).
- The UAF Rural College accounted for more than 20% of all e-Learning course sections offered at UA in FY12. Kenai Peninsula College offered 11% of e-Learning course sections. UAF offered the most (44%) e-Learning course sections of any MAU.
- In the past 10 years, the course completion rate for students who took at least one e-Learning course increased by 8 percentage points. Over the same period, the rate for students who took no e-Learning courses increased by 3 percentage points.
- The annual number of graduate students taking e-Learning courses has more than doubled since FY08.

Note: Annual student headcount is unduplicated and includes students taking for-credit, non-credit and year-long classes. A fiscal year consists of consecutive summer, fall and spring semesters, as well as year-long courses.

Source: Data Supplied by MAUs via UA Information Systems; UA Decision Support Database (DSD) compiled from Banner SI Closing Extracts FY08-FY12.

Compiled by UA Institutional Research and Analysis. iData 2234

Reference F. Courses Offered for the First Time in FY12 via e-Learning

MAU	Course Number	Subject	Subject Description	Course Title	CIP Description	SCH
UAA	A100	ART	Art	2-Dimension Activities Topics	Visual and Performing Arts	45
UAA	A100	DN	Dietetics & Nutrition	Intro to Nutrition & Dietetics	Health Professions and Related Clinical Sciences	44
UAA	A101	COUN	Counseling	Intro Career Exploration	Psychology	18
UAA	A101	LING	Linguistics	*The Nature of Language	Foreign Languages, Literatures, and Linguistics	45
UAA	A101A	CIOS	Computer Info & Office Systems	Keyboard A: Basic Keyboarding	Business, Management, Marketing, and Related Support Services	110
UAA	A104L	CHEM	Chemistry	*Intro to Org Chem/Biochem Lab	Physical Sciences	53
UAA	A105L	CHEM	Chemistry	*General Chemistry I Lab	Physical Sciences	13
UAA	A111	FIRE	Fire Science	Fire Administration I	Security and Protective Services	39
UAA	A111	GEOG	Geography	*Physical Geography	Social Sciences	396
UAA	A124	PHYS	Physics	*Basic Physics II	Physical Sciences	69
UAA	A151	DN	Dietetics & Nutrition	Nutr Through the Life Cycle	Health Professions and Related Clinical Sciences	72
UAA	A154B	CIOS	Computer Info & Office Systems	Desktop Pub I: MS Publisher	Business, Management, Marketing, and Related Support Services	3
UAA	A158	GEO	Geomatics	Geomatics Computer Funda	Science Technologies/Technicians	6
UAA	A200	ANTH	Anthropology	*Natives of Alaska	Social Sciences	267
UAA	A201	ACCT	Accounting	Principles of Financial Acct	Business, Management, Marketing, and Related Support Services	171
UAA	A201	ENGL	English	*Masterpieces of World Lit I	English Language and Literature/Letters	51
UAA	A210	ACCT	Accounting	Income Tax Preparation	Business, Management, Marketing, and Related Support Services	45
UAA	A211	OSH	Occupational Safety and Health	Safety Prog Assess, Dev & Impl	Engineering Technologies/Technicians	76
UAA	A212	ART	Art	Beginning Watercolor	Visual and Performing Arts	48
UAA	A221	MUS	Music	*History of Music I	Visual and Performing Arts	57
UAA	A222	MUS	Music	*History of Music II	Visual and Performing Arts	78
UAA	A226	HIST	History	Medieval History	History	81
UAA	A228	ART	Art	Art as a Profession	Visual and Performing Arts	15
UAA	A230	ACCT	Accounting	Workpaper Prep & Presentation	Business, Management, Marketing, and Related Support Services	69
UAA	A233	BA	Business Administration	Survey of Finance	Business, Management, Marketing, and Related Support Services	36
UAA	A241	COMM	Communication	*Public Speaking	Communication, Journalism, and Related Programs	54
UAA	A241	PMED	Paramedical Technology	Paramedicine I	Health Professions and Related Clinical Sciences	80
UAA	A250	ATC	Air Traffic Control	Comp ATC Overview	Transportation and Materials Moving	82
UAA	A253	STAT	Statistics	*Applied Stats for Sciences	Mathematics	156
UAA	A273	BA	Business Administration	Intro Stats-Bus & Econ	Business, Management, Marketing, and Related Support Services	207
UAA	A276A	CIOS	Computer Info & Office Systems	Independent Project	Business, Management, Marketing, and Related Support Services	3
UAA	A290	ANTH	Anthropology	Special Topics in Anthropology	Social Sciences	18
UAA	A295	CIOS	Computer Info & Office Systems	Office Internship	Business, Management, Marketing, and Related Support Services	3
UAA	A295	PMED	Paramedical Technology	Paramedic Internship	Health Professions and Related Clinical Sciences	60
UAA	A295	TECH	Technology	Technical Internship	Mechanic and Repair Technologies/Technicians	12
UAA	A301	DN	Dietetics & Nutrition	Nutrition Assessment	Health Professions and Related Clinical Sciences	46
UAA	A304	EDFN	ED: Foundations	*Comparative Education	Education	57
UAA	A310	DN	Dietetics & Nutrition	Nutrition Communication	Health Professions and Related Clinical Sciences	34
UAA	A311	PS	Political Science	*Comparative Politics	Social Sciences	93
UAA	A325	EDEL	ED: Elementary ED	Teach/Literacy in Elem Schools	Education	90
UAA	A327	EDEL	ED: Elementary ED	Teach/Soc Studies in Elem Schs	Education	66
UAA	A335	ANTH	Anthropology	Native North Americans	Social Sciences	9
UAA	A350	DN	Dietetics & Nutrition	FS Systems & Quantity Foods	Health Professions and Related Clinical Sciences	54
UAA	A362	CWLA	Creative Writing and Lit Arts	Writers' Workshop: Fiction	English Language and Literature/Letters	48

MAU	Course Number	Subject	Subject Description	Course Title	CIP Description	SCH
UAA	A375	DN	Dietetics & Nutrition	Research Methods Nutr & Diet	Health Professions and Related Clinical Sciences	54
UAA	A425	CTE	Career & Technical Education	Developing Programs of Study	Technology Education/Industrial Arts	1
UAA	A488B	LSIC	Liberal Studies Integrated Cor	Capstone II: Analysis & Presen	Liberal Arts and Sciences, General Studies and Humanities	3
UAA	A490	ANTH	Anthropology	Selected Topics Anthropology	Social Sciences	45
UAA	A555K	ED	Education	Culturally Responsive Teaching	Education	6
UAA	A560	ED	Education	Sel Top in Mathematics Ed	Education	10
UAA	A570	ED	Education	Sel Top Engl-Lang Arts-Reading	Education	150
UAA	A590	ECD	Early Childhood Dev	Sel Top Std Bsd Early Childhd	Family and Consumer Sciences/Human Sciences	90
UAA	A606	AEST	Applied Environ Sci & Tech	Clean Water Act	Engineering Technologies/Technicians	45
UAA	A607	AEST	Applied Environ Sci & Tech	Environ Permitting Project	Engineering Technologies/Technicians	27
UAA	A625	CTE	Career & Technical Education	Developing Programs of Study	Technology Education/Industrial Arts	2
UAA	A626	PM	Project Management	Project Procurement Management	Engineering	6
UAA	A637	EDCN	ED: Counselor ED	Treating Emot/Mental Disorders	Education	42
UAA	A674	NS	Nursing Science*	Adv Psy/Mental Hlth Nursing IV	Health Professions and Related Clinical Sciences	30
UAA	A685	PM	Project Management	PM Case Study & Research	Engineering	12
UAA	A691	EDSE	Education: Special Education	CMH Systems of Care	Education	3
UAA	A691	PSY	Psychology	CMH Systems of Care	Psychology	3
UAA	A691	SWK	Social Work	CMH Systems of Care	Public Administration and Social Service	21
UAA	A694M	PM	Project Management	Capstone: Initiating-Planning	Engineering	12
UAA	A694N	PM	Project Management	Capstone: Exec Cntrl & Close	Engineering	3
UAA	A694P	PM	Project Management	Application of PM Processes	Engineering	9
UAA	A694Q	PM	Project Management	Project Initiation & Planning	Engineering	6
UAA	A695C	EDCN	ED: Counselor ED	Counsel Intern: Community Agen	Education	6
UAA	A695E	EDCN	ED: Counselor ED	Counsel Intern: Elementary Sch	Education	3
UAA	A695S	EDCN	ED: Counselor ED	Counsel Intern: Secondary Sch	Education	12
UAA	A695Y	EDSE	Education: Special Education	Adv Internship: ECSE	Education	27
UAA	A698	EDFN	ED: Foundations	Individual Research	Education	7
UAA	A699	AEST	Applied Environ Sci & Tech	AEST Thesis	Engineering Technologies/Technicians	7
UAA	V101A	CiOS	Computer Info & Office Systems	Keyboarding I : A	Business, Management, Marketing, and Related Support Services	15
UAA	V101B	CiOS	Computer Info & Office Systems	Keyboarding 1: B	Business, Management, Marketing, and Related Support Services	13
UAA	V101C	CiOS	Computer Info & Office Systems	Keyboarding 1: C	Business, Management, Marketing, and Related Support Services	13
UAA	V102	ACCT	Accounting	Princ Financial Acct II	Business, Management, Marketing, and Related Support Services	6
UAA	V103L	BIOL	Biology	Intro Biology - Lab	Biological and Biomedical Sciences	17
UAA	V113	CiOS	Computer Info & Office Systems	Operating System: MS Windows	Business, Management, Marketing, and Related Support Services	7
UAA	V115	CiOS	Computer Info & Office Systems	10-Key Business Calculations	Business, Management, Marketing, and Related Support Services	6
UAA	V125A	CiOS	Computer Info & Office Systems	Electronic Comm. MS Outlook	Business, Management, Marketing, and Related Support Services	1
UAA	V130A	CiOS	Computer Info & Office Systems	Word Processing I: MS Word	Business, Management, Marketing, and Related Support Services	3
UAA	V131	HIST	History	History of the US I	History	30
UAA	V132	HIST	History	History of US II	History	27
UAA	V135A	CiOS	Computer Info & Office Systems	Spreadsheets I: MS Excel	Business, Management, Marketing, and Related Support Services	7
UAA	V136	MT	Marine Technology	Oil Tanker Operations	Engineering Technologies/Technicians	10
UAA	V140A	CiOS	Computer Info & Office Systems	Databases I: Access	Business, Management, Marketing, and Related Support Services	4
UAA	V146	CiOS	Computer Info & Office Systems	Internet Concepts & Apps.	Business, Management, Marketing, and Related Support Services	6
UAA	V150	GUID	Guidance	First Year Experience	Psychology	39
UAA	V150A	CiOS	Computer Info & Office Systems	Presentations I: Powerpoint	Business, Management, Marketing, and Related Support Services	4
UAA	V161A	CiOS	Computer Info & Office Systems	Proofreading	Business, Management, Marketing, and Related Support Services	6
UAA	V164	CiOS	Computer Info & Office Systems	Filing	Business, Management, Marketing, and Related Support Services	3

Course		Subject	Subject Description	Course Title	CIP Description	SCH
MAU	Number					
UAA	V165	CiOS	Computer Info & Office Systems	Office Procedures	Business, Management, Marketing, and Related Support Services	9
UAA	V165A	CNT	Computer and Networking Tech	Customer Serv Fundamentals	Engineering Technologies/Technicians	7
UAA	V168	PSY	Psychology	Human Sexuality	Psychology	36
UAA	V183	ITEC	Industrial Technology	Sustain Construction Practices	Engineering Technologies/Technicians	27
UAA	V200	ANTH	Anthropology	Natives Of Alaska	Social Sciences	84
UAA	V201	MATH	Mathematics	Calculus II	Mathematics	8
UAA	V210	PHIL	Philosophy	Comparative Religions	Philosophy and Religious Studies	33
UAA	V211	HUM	Humanities	Intro to The Humanities I	Liberal Arts and Sciences, General Studies and Humanities	78
UAA	V212	HUM	Humanities	Intro To The Humanities II	Liberal Arts and Sciences, General Studies and Humanities	24
UAA	V227	ITEC	Industrial Technology	Process Safety Managemnt	Engineering Technologies/Technicians	15
UAA	V230A	CiOS	Computer Info & Office Systems	Word Processing II: MS Word	Business, Management, Marketing, and Related Support Services	2
UAA	V235A	CiOS	Computer Info & Office Systems	Spreadsheets II: MS Excel	Business, Management, Marketing, and Related Support Services	4
UAA	V236	HUMS	Human Services	Intro Traumatic Brain Injury	Public Administration and Social Service	39
UAA	V260	HUMS	Human Services	Legal & Ethical Issues Dis Ser	Public Administration and Social Service	22
UAA	V265	CiOS	Computer Info & Office Systems	Office Management	Business, Management, Marketing, and Related Support Services	9
UAA	V274	ITEC	Industrial Technology	Intro to Regs & Indust Relat	Engineering Technologies/Technicians	30
UAA	V293	ART	Art	Special Topics in Art	Visual and Performing Arts	36
UAF	F066	DEVM	Developmental Math	Adv Math Fst Trk-Elem/Intm Alg	Mathematics	3
UAF	F100	CTT	Construction Trades Technology	Construction Technology Core	Construction Trades	24
UAF	F101	ANS	Alaska Native Studies	Intro to Alaska Native Study	Area, Ethnic, Cultural, and Gender Studies	18
UAF	F101	THR	Theater	Theatre Practicum	Visual and Performing Arts	4
UAF	F101X	ATM	Atmospheric Science	Weather and Climate of Alaska	Physical Sciences	104
UAF	F102	DEVS	Developmental Studies	Intro to Distance Education	Basic Skills	11
UAF	F105	RNS	Rural Nutrition Services	Nutrition Science for the Gen	Other	33
UAF	F106	CTT	Construction Trades Technology	Construction Mathematics	Construction Trades	39
UAF	F110	DEVS	Developmental Studies	College Success Skills	Basic Skills	9
UAF	F111	HLTH	Health	Personal Care Attendant Trng	Health Professions and Related Clinical Sciences	16
UAF	F115	ECE	Early Childhood Education	Respsnse and Reflectve Teaching	Education	42
UAF	F119	ECE	Early Childhood Education	Curriculum I: Princ & Practice	Education	36
UAF	F120	RNS	Rural Nutrition Services	Alaska Native Food Systems	Other	33
UAF	F121	ANL	Alaska Native Languages	Conversational AK Native Lang	Foreign Languages, Literatures, and Linguistics	15
UAF	F122	HLTH	Health	First Aid and CPR	Health Professions and Related Clinical Sciences	9
UAF	F127	ECE	Early Childhood Education	Language and Creative Exprsion	Education	33
UAF	F130	RHS	Rural Human Services	Processes of Community Change	Public Administration and Social Service	44
UAF	F130	VTs	Veterinary Science	Animal Anatomy/Physiology Vet	Health Professions and Related Clinical Sciences	68
UAF	F132	CHP	Community Health Pract	Comm Health Aide Session II	Health Professions and Related Clinical Sciences	16
UAF	F134	CHP	Community Health Pract	Comm Health Aide Session IV	Health Professions and Related Clinical Sciences	24
UAF	F135	CHP	Community Health Pract	Comm Health Aide Preceptorship	Health Professions and Related Clinical Sciences	2
UAF	F140	HUMS	Human Services	Family Empowerment I	Public Administration and Social Service	45
UAF	F160	ENVI	Environmental Studies	Intrnshp in Envrnmntl Studies	Natural Resources and Conservation	12
UAF	F170	DRT	Drafting Technology	Beginning CAD	Construction Trades	69
UAF	F172	EMS	Emergency Medical Services	EMT:Emergency Med Tech I Rfrh	Health Professions and Related Clinical Sciences	8
UAF	F173	EMS	Emergency Medical Services	EMT-1 Internship	Health Professions and Related Clinical Sciences	6
UAF	F178	ABUS	Applied Business	Professionalism	Business, Management, Marketing, and Related Support Services	24
UAF	F193	EDPA	Educator: Para-professional	Special Topics	Education	5
UAF	F197	CTT	Construction Trades Technology	Individual Study	Construction Trades	35
UAF	F197	ECE	Early Childhood Education	Individual Study	Education	1

Course		Subject	Subject Description	Course Title	CIP Description	SCH
MAU	Number					
UAF	F199	VT	Veterinary Science	Vet Sci Certificate Practicum I	Health Professions and Related Clinical Sciences	2
UAF	F201	RNS	Rural Nutrition Services	Community Nutrition Interventions	Other	20
UAF	F203	ABUS	Applied Business	Accounting Capstone	Business, Management, Marketing, and Related Support Services	6
UAF	F208	ESK	Eskimo	Yup'ik Composition	Foreign Languages, Literatures, and Linguistics	18
UAF	F210	DRT	Drafting Technology	Intermediate CAD	Construction Trades	30
UAF	F210	HUMS	Human Services	Crisis and Grief Counseling	Public Administration and Social Service	27
UAF	F210	RNS	Rural Nutrition Services	Intro to Rural Nutrition Cnslg	Other	20
UAF	F212	CITS	Computer & Info Tech Systems	Server Operating Systems	Other	39
UAF	F220	ENVI	Environmental Studies	Intro to Sustainable Energy	Natural Resources and Conservation	30
UAF	F240	ESK	Eskimo	Intro to Reading & Writing Yup'ik	Foreign Languages, Literatures, and Linguistics	6
UAF	F240	HUMS	Human Services	Family Empowerment II	Public Administration and Social Service	52
UAF	F250	EDPA	Educator: Para-professional	Current Topics for Educators	Education	3
UAF	F260	RNS	Rural Nutrition Services	Rural Nutrition Practicum	Other	22
UAF	F261	ACCT	Accounting	Accounting Concepts and Uses I	Business, Management, Marketing, and Related Support Services	48
UAF	F261	EMS	Emergency Medical Services	EMT:Emergency Medical Tech II	Health Professions and Related Clinical Sciences	18
UAF	F262	ACCT	Accounting	Accounting Concepts & Uses II	Business, Management, Marketing, and Related Support Services	15
UAF	F265	RD	Rural Development	Perspectv on Subsistence in AK	Area, Ethnic, Cultural, and Gender Studies	21
UAF	F265	RHS	Rural Human Services	Interpersonal Violence	Public Administration and Social Service	42
UAF	F268	RD	Rural Development	Rural Tourism: Plan/Principles	Area, Ethnic, Cultural, and Gender Studies	18
UAF	F271	ENGL	English	Intro Creative Writing:Fiction	English Language and Literature/Letters	36
UAF	F271	TM	Tribal Management	Rural Trans Planning	Public Administration and Social Service	2
UAF	F275	PRT	Process Technology	Process Technology Internship	Engineering Technologies/Technicians	1
UAF	F281	BA	Business Administration	Sports Management	Business, Management, Marketing, and Related Support Services	63
UAF	F287	ANL	Alaska Native Languages	Tchg Method for AK Native Lang	Foreign Languages, Literatures, and Linguistics	51
UAF	F287	RHS	Rural Human Services	Rural Human Services Practicum	Public Administration and Social Service	204
UAF	F293	DRT	Drafting Technology	Special Topics	Construction Trades	12
UAF	F293	TM	Tribal Management	Special Topics	Public Administration and Social Service	3
UAF	F297	ECE	Early Childhood Education	Individual Study	Education	4
UAF	F297	STAT	Statistics	Independent Study	Mathematics	3
UAF	F297	TM	Tribal Management	Individual Study	Public Administration and Social Service	3
UAF	F299	TM	Tribal Management	Tribal Management Practicum II	Public Administration and Social Service	6
UAF	F301	HSEM	Homeland Security/Emergency Mg	Princ Emerg Mgmt & Home Sec	Other	135
UAF	F310	ANS	Alaska Native Studies	Indigenous Land Settlements	Area, Ethnic, Cultural, and Gender Studies	3
UAF	F320	ANS	Alaska Native Studies	Lang & Culture in Alaska	Area, Ethnic, Cultural, and Gender Studies	33
UAF	F330	ANS	Alaska Native Studies	Yup'ik Parenting & Child Devel	Area, Ethnic, Cultural, and Gender Studies	21
UAF	F332	WGS	Women's and Gender Studies	Human Sexualities Across Cltre	Area, Ethnic, Cultural, and Gender Studies	51
UAF	F350	ANS	Alaska Native Studies	Cross Cult Comm:AK Perspective	Area, Ethnic, Cultural, and Gender Studies	27
UAF	F375	ANS	Alaska Native Studies	Natv American Religion & Phil	Area, Ethnic, Cultural, and Gender Studies	18
UAF	F375	ESK	Eskimo	Umyuartsaraq	Foreign Languages, Literatures, and Linguistics	9
UAF	F390	BA	Business Administration	Organizational Theory/Behavior	Business, Management, Marketing, and Related Support Services	216
UAF	F393	ANS	Alaska Native Studies	Special Topics	Area, Ethnic, Cultural, and Gender Studies	15
UAF	F393	URSA	UG Research & Scholar Activity	Special Topics	Other	19
UAF	F401	THR	Theater	Theatre Practicum	Visual and Performing Arts	6
UAF	F403	ANTH	Anthropology	Political Anthropology	Social Sciences	9
UAF	F405	ECE	Early Childhood Education	Sem in Cult & Child Reorg Prac	Education	30
UAF	F407	EDSC	Education: Secondary Education	Develop Literacy/Content Areas	Education	24
UAF	F411	JRN	Journalism	Writing for a Living	Communication, Journalism, and Related Programs	6

Course		Subject	Subject Description	Course Title	CIP Description	SCH
MAU	Number					
UAF	F412	HSEM	Homeland Security/Emergency Mg	Emerg Planning & Preparedness	Other	39
UAF	F418	FLM	Film Studies	Internship in Film Production	Visual and Performing Arts	18
UAF	F423	HSEM	Homeland Security/Emergency Mg	Disaster Response Ops & Mgmt	Other	42
UAF	F425	ANS	Alaska Native Studies	Fed Indian Law & AK Natives	Area, Ethnic, Cultural, and Gender Studies	3
UAF	F431	LING	Linguistics	Field Mthds Descriptive Ling I	Foreign Languages, Literatures, and Linguistics	3
UAF	F434	HSEM	Homeland Security/Emergency Mg	All Hazards Risk Analysis	Other	24
UAF	F437	PS	Political Science	United States Foreign Policy	Social Sciences	6
UAF	F442	ECE	Early Childhood Education	Family Resource Management	Education	18
UAF	F445	HSEM	Homeland Security/Emergency Mg	Bus Continuity & Crisis Mgmt	Other	42
UAF	F456	ED	Education	Orientation to Teach Rural AK	Education	36
UAF	F456	HSEM	Homeland Security/Emergency Mg	Leadrsph & Inflnce Dur Crisis	Other	33
UAF	F457	BA	Business Administration	Training & Management Developmt	Business, Management, Marketing, and Related Support Services	60
UAF	F462	PS	Political Science	Alaska Government & Politics	Social Sciences	12
UAF	F470	RD	Rural Development	AK Native Claims Settlemnt Act	Area, Ethnic, Cultural, and Gender Studies	15
UAF	F488	ESK	Eskimo	Caliarka q	Foreign Languages, Literatures, and Linguistics	9
UAF	F488	GEOS	Geology and Geophysics	Undergraduate Research	Physical Sciences	17
UAF	F488	PHYS	Physics	Undergraduate Research	Physical Sciences	8
UAF	F489	GEOG	Geography	Snr Practicum: Field Studies	Social Sciences	4
UAF	F493	ANS	Alaska Native Studies	Special Topics	Area, Ethnic, Cultural, and Gender Studies	36
UAF	F493	ED	Education	Special Topics	Education	21
UAF	F493	JUST	Justice	Special Topics	Social Sciences	36
UAF	F493	LAS	Liberal Arts & Science	Special Topics	Liberal Arts and Sciences, General Studies and Humanities	39
UAF	F493	URSA	UG Research & Scholar Activity	Special Topics	Other	10
UAF	F497	ECE	Early Childhood Education	Individual Study	Education	6
UAF	F498	HONR	Honors Program	Research	Liberal Arts and Sciences, General Studies and Humanities	50
UAF	F498	JRN	Journalism	Undergraduate Research	Communication, Journalism, and Related Programs	3
UAF	F498	PSY	Psychology	Research	Psychology	24
UAF	F498	STAT	Statistics	Research	Mathematics	3
UAF	F499	ART	Art	Thesis Project	Visual and Performing Arts	15
UAF	F499	HONR	Honors Program	Senior Thesis	Liberal Arts and Sciences, General Studies and Humanities	18
UAF	F499	PHIL	Philosophy	BA Thesis in Philosophy	Philosophy and Religious Studies	3
UAF	F499	PS	Political Science	Senior Thesis	Social Sciences	15
UAF	F499	PSY	Psychology	Thesis	Psychology	12
UAF	F593	NRM	Natural Resources Management	Special Topics	Natural Resources and Conservation	9
UAF	F595	ED	Education	Special Topics	Education	6
UAF	F595P	ED	Education	Special Topics	Education	47
UAF	F595P	NRM	Natural Resources Management	Special Topics	Natural Resources and Conservation	18
UAF	F605	ACCT	Accounting	Contemporary Topics/Accounting	Business, Management, Marketing, and Related Support Services	9
UAF	F605	EDSE	Education: Special Education	Early Childhood Special Ed	Education	12
UAF	F611	JRN	Journalism	Adv Writing for Publication	Communication, Journalism, and Related Programs	9
UAF	F613	CCS	Cross-Cultural Studies	AK Stnds Cultrly Rspnsv Schls	Area, Ethnic, Cultural, and Gender Studies	42
UAF	F613	NRM	Natural Resources Management	Resilience Internship	Natural Resources and Conservation	12
UAF	F616	CCS	Cross-Cultural Studies	Ed & Socioeconomic Change	Area, Ethnic, Cultural, and Gender Studies	18
UAF	F621	ATM	Atmospheric Science	Introd to Computational Meteor	Physical Sciences	11
UAF	F637	EDSC	Education: Secondary Education	Wrld Lang Sec Instrctn/Assmnt	Education	3
UAF	F650	ED	Education	Current Issues in Technology	Education	36
UAF	F650	LING	Linguistics	Language Policy and Planning	Foreign Languages, Literatures, and Linguistics	6

Course		Subject	Subject Description	Course Title	CIP Description	SCH
MAU	Number					
UAF	F651	LING	Linguistics	Topics in Athabascan Ling	Foreign Languages, Literatures, and Linguistics	3
UAF	F652	PSY	Psychology	Practicum Placement-Clinical I	Psychology	3
UAF	F652	RD	Rural Development	Indigenous Organization Mgmt	Area, Ethnic, Cultural, and Gender Studies	21
UAF	F662	PS	Political Science	Alaska Government & Politics	Social Sciences	9
UAF	F669	PS	Political Science	Arctic Politics and Governance	Social Sciences	18
UAF	F670	RD	Rural Development	AK Native Claims Settlemnt Act	Area, Ethnic, Cultural, and Gender Studies	18
UAF	F680	EDSE	Education: Special Education	Special Education Practicum	Education	3
UAF	F688	MIN	Mining Engineering	Graduate Seminar I	Engineering	3
UAF	F688	MPR	Mineral Prep Engineering	Graduate Seminar I	Engineering	1
UAF	F692	ED	Education	Seminar	Education	39
UAF	F693	CCS	Cross-Cultural Studies	Special Topics	Area, Ethnic, Cultural, and Gender Studies	21
UAF	F698	ART	Art	Research	Visual and Performing Arts	17
UAF	F698	ATM	Atmospheric Science	Research	Physical Sciences	93
UAF	F698	BA	Business Administration	Research	Business, Management, Marketing, and Related Support Services	12
UAF	F698	CE	Civil Engineering	Research	Engineering	48
UAF	F698	CHEM	Chemistry	Research	Physical Sciences	43
UAF	F698	CS	Computer Science	Research	Computer and Information Sciences and Support Services	15
UAF	F698	ECON	Economics	Research	Social Sciences	21
UAF	F698	EE	Electrical Engineering	Research	Engineering	5
UAF	F698	ENVE	Environmental Engineering	Research	Engineering	6
UAF	F698	FSN	Food Science & Nutrition	Research	Natural Resources and Conservation	3
UAF	F698	GE	Geological Engineering	Research	Engineering	37
UAF	F698	GEOS	Geology and Geophysics	Research	Physical Sciences	8
UAF	F698	MATH	Mathematics	Research	Mathematics	4
UAF	F698	ME	Mechanical Engineering	Research	Engineering	6
UAF	F698	MIN	Mining Engineering	Research	Engineering	22
UAF	F698	MUS	Music	Research	Visual and Performing Arts	14
UAF	F698	NORS	Northern Studies	Research	Area, Ethnic, Cultural, and Gender Studies	11
UAF	F698	NRM	Natural Resources Management	Research	Natural Resources and Conservation	19
UAF	F698	PETE	Petroleum Engineering	Project	Engineering	64
UAF	F698	PHYS	Physics	Research	Physical Sciences	130
UAF	F698	PSY	Psychology	Research	Psychology	23
UAF	F698	STAT	Statistics	Research	Mathematics	8
UAF	F698A	NORS	Northern Studies	Research	Area, Ethnic, Cultural, and Gender Studies	17
UAF	F699	ANTH	Anthropology	Thesis	Social Sciences	170
UAF	F699	ATM	Atmospheric Science	Thesis	Physical Sciences	123
UAF	F699	BA	Business Administration	Thesis	Business, Management, Marketing, and Related Support Services	11
UAF	F699	BIOL	Biology	Thesis	Biological and Biomedical Sciences	523
UAF	F699	CE	Civil Engineering	Thesis	Engineering	198
UAF	F699	CHEM	Chemistry	Thesis	Physical Sciences	353
UAF	F699	COMM	Communication	Thesis	Communication, Journalism, and Related Programs	36
UAF	F699	CS	Computer Science	Thesis	Computer and Information Sciences and Support Services	26
UAF	F699	ECON	Economics	Thesis	Social Sciences	19
UAF	F699	EE	Electrical Engineering	Thesis	Engineering	202
UAF	F699	ENGL	English	Thesis	English Language and Literature/Letters	185
UAF	F699	ENVE	Environmental Engineering	Thesis	Engineering	66
UAF	F699	FISH	Fisheries	Thesis	Natural Resources and Conservation	691

Course		Subject	Subject Description	Course Title	CIP Description	SCH
MAU	Number					
UAF	F699	FSN	Food Science & Nutrition	Thesis	Natural Resources and Conservation	9
UAF	F699	GE	Geological Engineering	Thesis	Engineering	20
UAF	F699	GEOS	Geology and Geophysics	Thesis	Physical Sciences	781
UAF	F699	LAS	Liberal Arts & Science	Thesis/Dissertation	Liberal Arts and Sciences, General Studies and Humanities	92
UAF	F699	MATH	Mathematics	Thesis	Mathematics	10
UAF	F699	ME	Mechanical Engineering	Thesis	Engineering	153
UAF	F699	MIN	Mining Engineering	Thesis	Engineering	23
UAF	F699	MPR	Mineral Prep Engineering	Thesis	Engineering	6
UAF	F699	MSL	Marine Science & Limnology	Thesis	Biological and Biomedical Sciences	443
UAF	F699	MUS	Music	Thesis	Visual and Performing Arts	1
UAF	F699	NORS	Northern Studies	Thesis	Area, Ethnic, Cultural, and Gender Studies	131
UAF	F699	NRM	Natural Resources Management	Thesis	Natural Resources and Conservation	201
UAF	F699	PETE	Petroleum Engineering	Thesis	Engineering	70
UAF	F699	PHYS	Physics	Thesis	Physical Sciences	190
UAF	F699	PS	Political Science	Thesis	Social Sciences	27
UAF	F699	PSY	Psychology	Thesis	Psychology	13
UAF	F699	WLF	Wildlife	Thesis	Natural Resources and Conservation	167
UAF	F699D	PSY	Psychology	Thesis	Psychology	15
UAS	S093P	FT	Fisheries Tech	ST:	Other	9
UAS	S100	ECE	Early Childhood Education	Fundmntls/ Early Chld Practc	Education	30
UAS	S105	GEO	Geology	*Geological History Life	Physical Sciences	69
UAS	S120	ECE	Early Childhood Education	Curric II: Think/Read/Discov	Education	9
UAS	S120	HUM	Humanities	*Sense of Place: AK & Beyond	Liberal Arts and Sciences, General Studies and Humanities	39
UAS	S193	BIOL	Biology	ST:	Biological and Biomedical Sciences	10
UAS	S193	FT	Fisheries Tech	ST:	Other	21
UAS	S193P	SPAN	Spanish	ST:	Foreign Languages, Literatures, and Linguistics	6
UAS	S212	CIO	Computer Info & Office Systems	Mng/Maint PC Hdw Op Sys	Business, Management, Marketing, and Related Support Services	44
UAS	S235	ECE	Early Childhood Education	Screening and Assessment	Education	30
UAS	S242	ECE	Early Childhood Education	Child and Family Ecology	Education	30
UAS	S242	SOC	Sociology	Marriage, Fam, Intim Relatn	Social Sciences	57
UAS	S291	FT	Fisheries Tech	Fisheries Technology Intern	Other	6
UAS	S297	CIO	Computer Info & Office Systems	IS:	Business, Management, Marketing, and Related Support Services	3
UAS	S312	ANTH	Anthropology	Humans & Environment	Social Sciences	60
UAS	S312	GEOG	Geography	Humans & Environmt	Social Sciences	12
UAS	S393	BA	Business Administration	ST:	Business, Management, Marketing, and Related Support Services	24
UAS	S397	COMM	Communication	IS:	Communication, Journalism, and Related Programs	1
UAS	S400	STAT	Statistics	Computational Stats w/ R	Mathematics	24
UAS	S401	AKL	Alaska Languages	AK Lang Apprentshp/Mentorshp	Foreign Languages, Literatures, and Linguistics	3
UAS	S452B	AKL	Alaska Languages	Intro Tlingit Ling II-B	Foreign Languages, Literatures, and Linguistics	1
UAS	S452C	AKL	Alaska Languages	Intro Tlingit Ling II-C	Foreign Languages, Literatures, and Linguistics	1
UAS	S497	ENGL	English	IS:	English Language and Literature/Letters	3
UAS	S499	HUM	Humanities	Humanities Capstone	Liberal Arts and Sciences, General Studies and Humanities	27
UAS	S603	ALST	Alaska Studies	Alaska Lit for Yng People	Area, Ethnic, Cultural, and Gender Studies	18
UAS	S603	ED	Education	Alaska Lit for Yng People	Education	9
UAS	S605	ECE	Early Childhood Education	ECE Principles & Practices	Education	24
UAS	S608	EDMA	Educ: Mathematics Education	Math Probl Solv for K-8 Tchr	Other	168
UAS	S609	ECE	Early Childhood Education	Clstrm Mgt/Chld Gdnc in ECE	Education	39

Course						
MAU	Number	Subject	Subject Description	Course Title	CIP Description	SCH
UAS	S614	EDMA	Educ: Mathematics Education	Num/Oper: Math K-8 Tchrs	Other	165
UAS	S628	EDET	ED: Educational Technology	Technol in Instructnl Design	Other	147
UAS	S632	EDET	ED: Educational Technology	Clstrn Internet Integration	Other	87
UAS	S633	EDET	ED: Educational Technology	Clstrn Integra/Multimedia	Other	36
UAS	S635	EDET	ED: Educational Technology	Thinking About Technology	Other	24
UAS	S652	BA	Business Administration	International Business	Business, Management, Marketing, and Related Support Services	21
UAS	S654	EDMA	Educ: Mathematics Education	Algebra & Functns K-8 Tchrs	Other	105
UAS	S655	EDMA	Educ: Mathematics Education	Geom & Measrmt/ K-8 Tchrs	Other	102
UAS	S656	EDMA	Educ: Mathematics Education	Data/Stats/Prob/ K-8 Tchrs	Other	90
UAS	S657	EDMA	Educ: Mathematics Education	Calc & Trig for K-8 Tchrs	Other	42
UAS	S658	EDMA	Educ: Mathematics Education	Technol Tchg/Learnng Math	Other	99
UAS	S661	ECE	Early Childhood Education	Literacy & Yng Children	Education	105
UAS	S663	ECE	Early Childhood Education	Constructivist Curric EC Prog	Education	39
UAS	S664	ECE	Early Childhood Education	Curric Dev in EC Programs	Education	33
UAS	S668	EDET	ED: Educational Technology	Ed Tech Leadership	Other	36
UAS	S670	EDET	ED: Educational Technology	Planning Educ Technology	Other	24
UAS	S671	EDRE	Educ: Reading Specialist	Lang, Reading, Culture	Other	72
UAS	S673	EDET	ED: Educational Technology	Educ Applic of Networking	Other	27
UAS	S674	EDRE	Educ: Reading Specialist	Developing Reading, ECE-12	Other	57
UAS	S675	EDRE	Educ: Reading Specialist	Reading and Cognition	Other	105
UAS	S677	EDRE	Educ: Reading Specialist	Readg Instruc/Assmnt II	Other	24
UAS	S678	EDRE	Educ: Reading Specialist	Supportg Readers at All Levels	Other	51
UAS	S679	EDRE	Educ: Reading Specialist	Readg/Literacy in Cont Area	Other	63
UAS	S692	ED	Education	Education Seminar	Education	15
UAS	S693	EDRE	Educ: Reading Specialist	ST:	Other	57
UAS	S696	EDRE	Educ: Reading Specialist	Readg Teacher as Leader	Other	39
UAS	S697	BA	Business Administration	IS:	Business, Management, Marketing, and Related Support Services	1
UAS	S697	EDET	ED: Educational Technology	IS:	Other	6
UAS	S698	ECE	Early Childhood Education	Master's Research Proj/Portfol	Education	18
UAS	S698	EDET	ED: Educational Technology	Master's Research Proj/Portfol	Other	15
UAS	S698	EDMA	Educ: Mathematics Education	Master's Research Proj/Portfol	Other	12
UAS	S698	EDRE	Educ: Reading Specialist	Master's Research Proj/Portfol	Other	22

Reference G. University of Alaska Degree, Certificate and Endorsement Programs Available More Than 50 Percent Via e-Learning

						Start Fiscal Year (Pre-Banner shown as 1998)
MAU	Degree	Degree Code	Major	Major Code	Program Status	Distance Level
UAA	Associate of Applied Science	AAS	Accounting	ACCT	Open for Admission and Enrollment	50-99%
UAA	Associate of Applied Science	AAS	Computer Info Office Systems	CIOS	Open for Admission and Enrollment	50-99%
UAA	Associate of Applied Science	AAS	Digital Art	DART	Open for Admission and Enrollment	100%
UAA	Associate of Applied Science	AAS	Disability Services	DISS	Open for Admission and Enrollment	100%
UAA	Associate of Applied Science	AAS	General Business	GBUS	Open for Admission and Enrollment	50-99%
UAA	Associate of Applied Science	AAS	General Business	GBUS	Open for Admission and Enrollment	50-99%
UAA	Associate of Applied Science	AAS	Human Services	HMSV	Open for Admission and Enrollment	100%
UAA	Associate of Applied Science	AAS	Industrial Technology	ITEC	Open for Admission and Enrollment	50-99%
UAA	Associate of Applied Science	AAS	Outdoor Leadership	ODLD	Open for Admission and Enrollment	50-99%
UAA	Associate of Applied Science	AAS	Occupational Safety & Health	OSHL	Open for Admission and Enrollment	100%
UAA	Associate of Applied Science	AAS	Process Technology	PTEC	Open for Admission and Enrollment	50-99%
UAF	Associate of Applied Science	AAS	Applied Accounting	AACT	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Applied Accounting	AACT	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Applied Accounting	AACT	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Applied Business	ABUS	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Applied Business	ABUS	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Community Health	COMH	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Early Childhood Education	ECED	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Early Childhood Education	ECED	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Educator: Para-Professional	EDPA	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Educator: Para-Professional	EDPA	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Human Services	HMSR	Open for Admission and Enrollment	50-99%
UAF	Associate of Applied Science	AAS	Human Services	HMSR	Open for Admission and Enrollment	50-99%
UAF	Associate of Applied Science	AAS	Information Technology Special	INTS	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Information Technology Special	INTS	Open for Admission and Enrollment	100%
UAF	Associate of Applied Science	AAS	Medical Assistant	MASS	Open for Admission and Enrollment	50-99%
UAF	Associate of Applied Science	AAS	Renewable Resources	RNRS	Open for Admission and Enrollment	50-99%
UAF	Associate of Applied Science	AAS	Tribal Management	TRIB	Open for Admission and Enrollment	100%
UAS	Associate of Applied Science	AAS	Business Administration	BADM	Open for Admission and Enrollment	100%
UAS	Associate of Applied Science	AAS	Information Systems	BISY	Open for Admission and Enrollment	100%
UAS	Associate of Applied Science	AAS	Computer Info Office Systems	CIOS	Open for Admission and Enrollment	100%
UAS	Associate of Applied Science	AAS	Computer Info Office Systems	CIOS	Open for Admission and Enrollment	50-99%
UAS	Associate of Applied Science	AAS	Early Childhood Education	ECED	Open for Admission and Enrollment	100%
UAS	Associate of Applied Science	AAS	Environmental Technology	ENVT	Open for Admission and Enrollment	100%
UAS	Associate of Applied Science	AAS	Fisheries Technology	FIST	Open for Admission and Enrollment	50-99%
UAS	Associate of Applied Science	AAS	Health Science	HEAL	Open for Admission and Enrollment	100%
UAS	Associate of Applied Science	AAS	Health Science	HEAL	Open for Admission and Enrollment	50-99%
UAS	Associate of Applied Science	AAS	Health Information Mgt	HIMT	Open for Admission and Enrollment	100%
UAA	Associate of Applied Science	AAS	Early Childhood Development	ECDN	Open for Enrollment	50-99%
UAA	Associate of Arts	AA	General Program	GENP	Open for Admission and Enrollment	100%
UAF	Associate of Arts	AA	General Program	GENP	Open for Admission and Enrollment	100%
UAF	Associate of Arts	AA	General Program	GENP	Open for Admission and Enrollment	100%
UAS	Associate of Arts	AA	General Program High School	GENH	Open for Admission and Enrollment	100%
UAS	Associate of Arts	AA	General Program High School	GENH	Open for Admission and Enrollment	100%
UAS	Associate of Arts	AA	General Program	GENP	Open for Admission and Enrollment	100%
UAS	Associate of Arts	AA	Nursing Science	NURS	Open for Admission and Enrollment	100%
UAS	Associate of Business	AB	Business Administration	BADM	Open for Admission and Enrollment	50-99%
UAA	Associate of Fine Arts	AFA	Playwriting	PLAY	Open for Admission and Enrollment	50-99%
UAF	Associate of Science	AS	Associate of Science	ASSC	Open for Admission and Enrollment	100%
UAF	Bach of Emergency Management	BEM	Emergency Management	EMMG	Open for Admission and Enrollment	50-99%
UAA	Bachelor of Arts	BA	Early Childhood Education	BAEC	Open for Admission and Enrollment	50-99%
UAA	Bachelor of Arts	BA	Elementary Education	BAEL	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Alaska Native Studies	AKNS	Open for Admission and Enrollment	100%
UAF	Bachelor of Arts	BA	Anthropology	ANTH	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Art	ARTS	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Elementary Education	BAEL	Open for Admission and Enrollment	100%
UAF	Bachelor of Arts	BA	Elementary Education	BAEL	Open for Admission and Enrollment	100%
UAF	Bachelor of Arts	BA	Biological Sciences	BIOS	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Child Develop & Family Studies	CDEV	Open for Admission and Enrollment	100%
UAF	Bachelor of Arts	BA	Child Develop & Family Studies	CDEV	Open for Admission and Enrollment	100%
UAF	Bachelor of Arts	BA	Chemistry	CHEM	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Communication	COMS	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Economics	ECON	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	English	ENGL	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Earth Science	ERSI	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Film	FLMI	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Foreign Language	FORL	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Fisheries	FSHI	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Geography	GEOG	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	History	HIST	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Inupiaq Eskimo	IESK	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Journalism	JOUR	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Japanese Studies	JPST	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Justice	JUST	Open for Admission and Enrollment	100%
UAF	Bachelor of Arts	BA	Linguistics	LING	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Mathematics	MATH	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Northern Studies	NORS	Open for Admission and Enrollment	50-99%
UAF	Bachelor of Arts	BA	Physics	PHYS	Open for Admission and Enrollment	50-99%

						Start Fiscal Year (Pre-Banner shown as 1998)	
MAU	Degree	Degree Code	Major	Major Code	Program Status	Distance Level	
UAF	Bachelor of Arts	BA	Political Science	PSCI	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Arts	BA	Psychology	PSYC	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Arts	BA	Rural Development	RDEV	Open for Admission and Enrollment	100%	1998
UAF	Bachelor of Arts	BA	Russian Studies	RUST	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Arts	BA	Sociology	SOCL	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Arts	BA	Social Work	SWRK	Open for Admission and Enrollment	100%	1998
UAF	Bachelor of Arts	BA	Social Work	SWRK	Open for Admission and Enrollment	100%	1999
UAF	Bachelor of Arts	BA	Theatre	THTR	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Arts	BA	Yup'ik Eskimo	YESK	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Arts	BA	Yup'ik Language and Culture	YULC	Open for Admission and Enrollment	50-99%	2008
UAS	Bachelor of Arts	BA	Elementary Education	BAEL	Open for Admission and Enrollment	100%	1998
UAS	Bachelor of Arts	BA	English	ENGL	Open for Admission and Enrollment	50-99%	2003
UAS	Bachelor of Arts	BA	Social Science	SOCs	Open for Admission and Enrollment	50-99%	1998
UAS	Bachelor of Arts	BA	Special Education	SPED	Open for Admission and Enrollment	100%	2012
UAF	Bachelor of Arts and Sciences	BAS	Arts and Sciences	ARSC	Open for Admission and Enrollment	50-99%	2000
UAF	Bachelor of Arts and Sciences	BAS	Arts and Sciences	ARSC	Open for Admission and Enrollment	50-99%	2000
UAF	Bachelor of Business Admin.	BBA	Business Administration	BADM	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Business Admin.	BBA	Economics	ECON	Open for Admission and Enrollment	50-99%	1998
UAS	Bachelor of Business Admin.	BBA	Business Administration	BADM	Open for Admission and Enrollment	100%	1998
UAF	Bachelor of Business Admin.	BBA	Business Administration	BADM	Open for Admission Only	50-99%	2006
UAS	Bachelor of Education	BED	Elementary Education	ELED	Open for Enrollment	100%	1998
UAF	Bachelor of Fine Arts	BFA	Art	ARTS	Open for Admission and Enrollment	50-99%	1998
UAS	Bachelor of Liberal Arts	BLA	AK Native Lang & Studies	ANLS	Open for Admission and Enrollment	50-99%	2013
UAS	Bachelor of Liberal Arts	BLA	Independent Design	INDP	Open for Admission and Enrollment	100%	2009
UAS	Bachelor of Liberal Arts	BLA	Interdisciplinary Studies	INDS	Open for Admission and Enrollment	100%	2009
UAS	Bachelor of Liberal Arts	BLA	Language Arts	LANA	Open for Admission and Enrollment	50-99%	2009
UAS	Bachelor of Liberal Arts	BLA	Liberal Arts	LART	Open for Admission and Enrollment	50-99%	1998
UAA	Bachelor of Science	BS	Dietetics	DITC	Open for Admission and Enrollment	50-99%	2011
UAA	Bachelor of Science	BS	Nursing Science	NURS	Open for Admission and Enrollment	100%	1998
UAA	Bachelor of Science	BS	Technology	TECH	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Science	BS	Chemistry	CHEM	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Science	BS	Computer Science	CSCD	Open for Admission and Enrollment	50-99%	2002
UAF	Bachelor of Science	BS	Computer Science	CSCI	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Science	BS	General Science	GSCI	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Science	BS	Natural Resources Management	NRSM	Open for Admission and Enrollment	50-99%	1998
UAF	Bachelor of Science	BS	Psychology	PSYC	Open for Admission and Enrollment	50-99%	1998
UAS	Bachelor of Science	BS	Information Systems	BISY	Open for Admission and Enrollment	50-99%	1998
UAS	Bachelor of Science	BS	Computer Information Systems	CISY	Open for Admission and Enrollment	50-99%	2005
UAA	Certificate	CT1	Corrections	CORR	Open for Admission and Enrollment	100%	2010
UAA	Certificate	CT2	Disability Services	DISS	Open for Admission and Enrollment	100%	2000
UAA	Certificate	CT2	Industrial Technology	ITEC	Open for Admission and Enrollment	50-99%	1998
UAA	Certificate	CT2	Petroleum Technology	PETR	Open for Admission and Enrollment	50-99%	1998
UAF	Certificate	CT2	Applied Business Mgmt	ABMG	Open for Admission and Enrollment	100%	1998
UAF	Certificate	CT2	Applied Business Mgmt	ABMG	Open for Admission and Enrollment	100%	2011
UAF	Certificate	CT2	Accounting Technician	ACTT	Open for Admission and Enrollment	100%	2001
UAF	Certificate	CT2	Accounting Technician	ACTT	Open for Admission and Enrollment	100%	2011
UAF	Certificate	CT2	Community Health	COMH	Open for Admission and Enrollment	100%	1998
UAF	Certificate	CT2	Ethnobotany	EBOT	Open for Admission and Enrollment	50-99%	2010
UAF	Certificate	CT2	Early Childhood Education	ECED	Open for Admission and Enrollment	100%	1998
UAF	Certificate	CT2	Early Childhood Education	ECED	Open for Admission and Enrollment	100%	2011
UAF	Certificate	CT2	Educator: Para-Professional	EDPA	Open for Admission and Enrollment	100%	2004
UAF	Certificate	CT2	Environmental Studies	ENVI	Open for Admission and Enrollment	50-99%	2010
UAF	Certificate	CT2	Health Care Reimbursement	HCAR	Open for Admission and Enrollment	100%	2011
UAF	Certificate	CT2	Health Care Reimbursement	HCAR	Open for Admission and Enrollment	100%	2011
UAF	Certificate	CT2	Information Technology Special	INTS	Open for Admission and Enrollment	100%	1999
UAF	Certificate	CT2	Information Technology Special	INTS	Open for Admission and Enrollment	100%	2011
UAF	Certificate	CT2	Medical Assistant	MASS	Open for Admission and Enrollment	50-99%	2011
UAF	Certificate	CT2	Medical/Dental Reception	MDEN	Open for Admission and Enrollment	100%	2011
UAF	Certificate	CT2	Pre-Nursing Qualifications	PNRQ	Open for Admission and Enrollment	50-99%	2011
UAF	Certificate	CT2	Tribal Management	TRIB	Open for Admission and Enrollment	100%	2002
UAS	Certificate	CT2	Accounting	ACCT	Open for Admission and Enrollment	100%	1998
UAS	Certificate	CT2	Accounting Technician	ACTT	Open for Admission and Enrollment	100%	1998
UAS	Certificate	CT2	Accounting Technician	ACTT	Open for Admission and Enrollment	100%	2002
UAS	Certificate	CT2	Business Info Systems Support	BISS	Open for Admission and Enrollment	50-99%	1998
UAS	Certificate	CT2	Business Info Systems Support	BISS	Open for Admission and Enrollment	50-99%	1998
UAS	Certificate	CT2	Community Wellness Advocate	CHAD	Open for Admission and Enrollment	100%	1998
UAS	Certificate	CT2	Computer Info Office Systems	CIOS	Open for Admission and Enrollment	100%	1998
UAS	Certificate	CT2	Computer Info Office Systems	CIOS	Open for Admission and Enrollment	50-99%	1998
UAS	Certificate	CT2	Early Childhood Education	ECED	Open for Admission and Enrollment	100%	1998
UAS	Certificate	CT2	Fisheries Technology	FIST	Open for Admission and Enrollment	50-99%	1998
UAS	Certificate	CT2	Healthcare Privacy & Security	HEAP	Open for Admission and Enrollment	100%	2009
UAS	Certificate	CT2	Health Info Mgt Coding Spec	HIMP	Open for Admission and Enrollment	100%	2009
UAS	Certificate	CT1	Health Information Mgt	HIMT	Open for Admission and Enrollment	100%	2005
UAS	Certificate	CT2	Health Information Mgt	HIMT	Open for Admission and Enrollment	100%	1998
UAS	Certificate	CT1	Nursing	NURN	Open for Admission and Enrollment	100%	1998
UAS	Certificate	CT1	Nursing	NURN	Open for Admission and Enrollment	50-99%	1998
UAS	Certificate	CT1	Pre-Radiologic Technology	PRDT	Open for Admission and Enrollment	100%	2005
UAS	Certificate	CT2	Small Business Mgmt	SMBM	Open for Admission and Enrollment	100%	2001
UAA	Certificate	CT1	Early Childhood Development	ECDN	Open for Enrollment	50-99%	1998
UAS	Certificate	CT2	Business Info Systems Support	BISS	Open for Enrollment	50-99%	1998
UAS	Credential Endorsement	TC	Early Childhood Education	ECED	Open for Admission and Enrollment	50-99%	1998

							Start Fiscal Year (Pre-Banner shown as 1998)
MAU	Degree	Degree Code	Major	Major Code	Program Status	Distance Level	
UAS	Credential Endorsement	TC	Elementary Education	ELED	Open for Admission and Enrollment	50-99%	1998
UAF	Doctor of Philosophy	PHD	Indigenous Studies	INDI	Open for Admission and Enrollment	100%	2010
UAF	Doctor of Philosophy	PHD	Marine Biology	MBIO	Open for Admission and Enrollment	50-99%	1999
UAF	Doctor of Philosophy	PHD	Oceanography	OCEAN	Open for Admission and Enrollment	100%	1998
UAS	Educational Endorsement	EDE	Early Childhood	ENEC	Open for Admission and Enrollment	50-99%	2006
UAS	Educational Endorsement	EDE	Educational Technology	ENET	Open for Admission and Enrollment	50-99%	2004
UAS	Educational Endorsement	EDE	Mathematics K-8	ENMA	Open for Admission and Enrollment	50-99%	2007
UAS	Educational Endorsement	EDE	Reading Specialist K-12	ENRS	Open for Admission and Enrollment	50-99%	2005
UAS	Educational Endorsement	EDE	Special Education	ENSE	Open for Admission and Enrollment	100%	2004
UAS	Educational Endorsement	EDE	Elementary Ed (K-6)	TECL	Open for Admission and Enrollment	50-99%	2010
UAA	Graduate Certificate	GCRT	Nursing Education	NUED	Admission Suspended	100%	1998
UAA	Graduate Certificate	GCRT	Superintendent	ENSU	Open for Admission and Enrollment	100%	2004
UAA	Graduate Certificate	GCRT	Language Education	LGED	Open for Admission and Enrollment	50-99%	2008
UAA	Graduate Certificate	GCRT	Special Education	SPED	Open for Admission and Enrollment	100%	2007
UAA	Graduate Certificate	GCRT	Principal	TCPR	Open for Admission and Enrollment	100%	2004
UAF	Graduate Certificate	GCRT	Construction Management	CMGT	Open for Admission and Enrollment	100%	2010
UAF	Graduate Licensure Program	GLI	Post-Bacc K-12 Spec Ed Lic Prg	PBSE	Open for Admission and Enrollment	100%	2010
UAF	Graduate Licensure Program	GLI	Secondary Education	TCGS	Open for Admission and Enrollment	100%	1999
UAS	Graduate Licensure Program	GLI	Business Administration	BADM	Open for Admission and Enrollment	100%	2009
UAS	Graduate Licensure Program	GLI	Ed Cert - Early Childhood Ed	EECE	Open for Admission and Enrollment	50-99%	2007
UAS	Graduate Licensure Program	GLI	Ed Cert - Education Technology	EEDT	Open for Admission and Enrollment	50-99%	2007
UAS	Graduate Licensure Program	GLI	Ed Cert - Elementary Education	EEED	Open for Admission and Enrollment	50-99%	2007
UAS	Graduate Licensure Program	GLI	Ed Cert - Mathematics K-5	EMT5	Open for Admission and Enrollment	50-99%	2011
UAS	Graduate Licensure Program	GLI	Ed Cert - Mathematics K-8	EMTH	Open for Admission and Enrollment	50-99%	2007
UAS	Graduate Licensure Program	GLI	Ed Cert - Reading	ERED	Open for Admission and Enrollment	50-99%	2007
UAS	Graduate Licensure Program	GLI	Ed Cert - Special Education	ESPE	Open for Admission and Enrollment	100%	2007
UAF	Licensure Program	LIC	Secondary Education	TCGS	Open for Admission and Enrollment	100%	2007
UAS	Licensure Program	LIC	Elementary Ed (K-6)	TECL	Open for Admission and Enrollment	50-99%	2004
UAS	Licensure Program	LIC	Elementary Education (K-8)	TECM	Open for Admission and Enrollment	50-99%	2008
UAF	Master of Arts	MA	Administration of Justice	ADMN	Open for Admission and Enrollment	100%	2002
UAF	Master of Arts	MA	Cross-Cultural Studies	CCST	Open for Admission and Enrollment	100%	2001
UAF	Master of Arts	MA	Rural Development	RDEV	Open for Admission and Enrollment	100%	2001
UAA	Master of Arts in Teaching	MAT	Education	EDUC	Open for Admission and Enrollment	50-99%	1998
UAS	Master of Arts in Teaching	MAT	Education	EDUC	Open for Admission and Enrollment	50-99%	1998
UAS	Master of Arts in Teaching	MAT	Secondary Education	SCED	Open for Admission and Enrollment	50-99%	1998
UAS	Master of Arts in Teaching	MAT	Special Education	SPED	Open for Admission and Enrollment	50-99%	2012
UAF	Master of Business Admin.	MBA	Business Administration	BADM	Open for Admission and Enrollment	50-99%	1998
UAS	Master of Business Admin.	MBA	Service Management	SVMG	Open for Admission and Enrollment	100%	1998
UAS	Master of Education	MED	Early Childhood Education	ECED	Admission Suspended	50-99%	1999
UAA	Master of Education	MED	Counselor Education	CNED	Open for Admission and Enrollment	50-99%	2004
UAA	Master of Education	MED	Early Childhood Spec Educ	ECSE	Open for Admission and Enrollment	100%	2005
UAA	Master of Education	MED	Educational Leadership	EDLD	Open for Admission and Enrollment	100%	1998
UAA	Master of Education	MED	Special Education	SPED	Open for Admission and Enrollment	100%	1998
UAF	Master of Education	MED	Counseling	COSL	Open for Admission and Enrollment	100%	1998
UAF	Master of Education	MED	Education	EDUC	Open for Admission and Enrollment	100%	1998
UAF	Master of Education	MED	Special Education	SPED	Open for Admission and Enrollment	100%	2010
UAS	Master of Education	MED	Educational Technology	EDET	Open for Admission and Enrollment	50-99%	2011
UAS	Master of Education	MED	Educational Leadership	EDLD	Open for Admission and Enrollment	50-99%	2011
UAS	Master of Education	MED	Mathematics Education	EDMA	Open for Admission and Enrollment	50-99%	2011
UAS	Master of Education	MED	Reading Specialist	EDRE	Open for Admission and Enrollment	50-99%	2011
UAS	Master of Education	MED	Education	EDUC	Open for Admission and Enrollment	100%	1998
UAS	Master of Education	MED	Reading	READ	Open for Admission and Enrollment	50-99%	2003
UAS	Master of Education	MED	Special Education	SPED	Open for Admission and Enrollment	100%	2011
UAS	Master of Public Admin	MPA	Business Administration	BADM	Open for Admission and Enrollment	100%	1998
UAS	Master of Public Admin	MPA	Public Administration	PADM	Open for Admission and Enrollment	100%	1998
UAA	Master of Public Health	MPH	Public Health Practice	PUHL	Open for Admission and Enrollment	50-99%	1998
UAA	Master of Science	MS	Arctic Engineering	ARCT	Open for Admission and Enrollment	100%	1998
UAA	Master of Science	MS	Career & Technical Education	CTED	Open for Admission and Enrollment	100%	2008
UAA	Master of Science	MS	Project Management	PJMT	Open for Admission and Enrollment	50-99%	2004
UAF	Master of Science	MS	Environmental Quality Science	EVQS	Open for Admission and Enrollment	50-99%	1998
UAF	Master of Science	MS	Fisheries	FSHI	Open for Admission and Enrollment	50-99%	1998
UAF	Master of Science	MS	General Science	GSCI	Open for Admission and Enrollment	50-99%	1998
UAF	Master of Science	MS	Marine Biology	MBIO	Open for Admission and Enrollment	50-99%	1998
UAF	Master of Science	MS	Natural Resources Management	NRSM	Open for Admission and Enrollment	50-99%	1998
UAF	Master of Science	MS	Oceanography	OCEAN	Open for Admission and Enrollment	100%	1998
UAA	Master of Social Work	MSW	Social Work	SWRK	Open for Admission and Enrollment	50-99%	1998
UAF	Masters of Nat Res Mgmt & Geog	MNRMG	Natural Res Mgmt & Geography	NRMG	Open for Admission and Enrollment	50-99%	2009
UAA	Occupational Endorsement Cert	OEC	Bookkeeping Support	BKSP	Open for Admission and Enrollment	100%	2009
UAA	Occupational Endorsement Cert	OEC	Children's Behavioral Health	CHBH	Open for Admission and Enrollment	100%	1998
UAA	Occupational Endorsement Cert	OEC	Computer Info Office Systems	CIS	Open for Admission and Enrollment	100%	1998
UAA	Occupational Endorsement Cert	OEC	Clinical Assistant	CLAS	Open for Admission and Enrollment	50-99%	1998
UAA	Occupational Endorsement Cert	OEC	Corrections	CRCT	Open for Admission and Enrollment	100%	2010
UAA	Occupational Endorsement Cert	OEC	Limited Radiography	LRAD	Open for Admission and Enrollment	50-99%	1998
UAA	Occupational Endorsement Cert	OEC	Office Digital Media	OFDM	Open for Admission and Enrollment	100%	2009
UAA	Occupational Endorsement Cert	OEC	Office Foundations	OFFD	Open for Admission and Enrollment	100%	2009
UAA	Occupational Endorsement Cert	OEC	Office Support	OFSP	Open for Admission and Enrollment	100%	2009
UAA	Occupational Endorsement Cert	OEC	Phlebotomist	PHLE	Open for Admission and Enrollment	50-99%	1998
UAA	Occupational Endorsement Cert	OEC	Pharmacy Technology	PHTE	Open for Admission and Enrollment	100%	1998
UAF	Occupational Endorsement Cert	OEC	Medical Billing	MEDB	Open for Admission and Enrollment	100%	2011
UAF	Occupational Endorsement Cert	OEC	Medical Coding	MEDC	Open for Admission and Enrollment	100%	2011
UAF	Occupational Endorsement Cert	OEC	Medical Office Reception	MEOR	Open for Admission and Enrollment	100%	2011

						Start Fiscal Year (Pre-Banner shown as 1998)	
MAU	Degree	Degree Code	Major	Major Code	Program Status	Distance Level	
UAF	Occupational Endorsement Cert	OEC	Nurse Aide	NURA	Open for Admission and Enrollment	100%	2011
UAS	Occupational Endorsement Cert	OEC	Accountant Endorsement	ACCO	Open for Admission and Enrollment	100%	2010
UAS	Occupational Endorsement Cert	OEC	Admin Office Supp	AOS	Open for Admission and Enrollment	100%	2007
UAS	Occupational Endorsement Cert	OEC	Admin Office Supp	AOS	Open for Admission and Enrollment	100%	2009
UAS	Occupational Endorsement Cert	OEC	Admin Office Supp	AOS	Open for Admission and Enrollment	50-99%	2007
UAS	Occupational Endorsement Cert	OEC	Child Develop & Family Studies	CDEV	Open for Admission and Enrollment	100%	2006
UAS	Occupational Endorsement Cert	OEC	Community Wellness Advocate	CHAD	Open for Admission and Enrollment	100%	2008
UAS	Occupational Endorsement Cert	OEC	Construction Technology	CNST	Open for Admission and Enrollment	100%	2007
UAS	Occupational Endorsement Cert	OEC	Healthcare Information Tech	HIT	Open for Admission and Enrollment	100%	2010
UAS	Occupational Endorsement Cert	OEC	Medical Office Supp	MOS	Open for Admission and Enrollment	50-99%	2012
UAS	Occupational Endorsement Cert	OEC	Networking Essentials	NE	Open for Admission and Enrollment	100%	2010
UAS	Occupational Endorsement Cert	OEC	Networking Essentials	NE	Open for Admission and Enrollment	50-99%	2008
UAS	Occupational Endorsement Cert	OEC	Network and System Administrat	NESA	Open for Admission and Enrollment	100%	2009
UAS	Occupational Endorsement Cert	OEC	Network and System Administrat	NESA	Open for Admission and Enrollment	50-99%	2009
UAS	Occupational Endorsement Cert	OEC	Network Technician	NETT	Open for Admission and Enrollment	100%	2009
UAS	Occupational Endorsement Cert	OEC	Network Technician	NETT	Open for Admission and Enrollment	50-99%	2009
UAS	Occupational Endorsement Cert	OEC	Programming Foundations	PF	Open for Admission and Enrollment	50-99%	2009
UAS	Occupational Endorsement Cert	OEC	Web Authoring	WA	Open for Admission and Enrollment	50-99%	2009
UAS	Occupational Endorsement Cert	OEC	Web Development	WEBD	Open for Admission and Enrollment	50-99%	2010
UAS	Occupational Endorsement Cert	OEC	Web Foundations	WEBF	Open for Admission and Enrollment	50-99%	2008
UAS	Occupational Endorsement Cert	OEC	Web Development and Administra	WEDA	Open for Admission and Enrollment	100%	2009
UAS	Occupational Endorsement Cert	OEC	Web Development and Administra	WEDA	Open for Admission and Enrollment	50-99%	2009
UAS	Occupational Endorsement Cert	OEC	Water Operations	WO	Open for Admission and Enrollment	100%	2011
UAS	Occupational Endorsement Cert	OEC	Wastewater Operations	WWO	Open for Admission and Enrollment	100%	2011
UAA	Post Baccalaureate Cert	PBCT	Early Childhood	ERCH	Open for Admission and Enrollment	50-99%	2006
UAA	Post Baccalaureate Cert	PBCT	Elementary Ed (K-6)	TCEL	Open for Admission and Enrollment	50-99%	2006
UAF	Undergrad Licensure Program	ULC	Teach Cred-Sec Ed	TCSC	Open for Admission and Enrollment	50-99%	2009

Reference H. Legislative Audit Status

The university received four audit findings at the conclusion of a 2009 Legislative Audit of UA's distance education function. The nature of distance education, and e-Learning, continues to change over time at both the national and State level, as well as within UA, making it important to examine the intent of audit findings relative to current operating conditions. The four findings and status information for each follow below.

1. The President of the UA should ensure distance education recommendations are implemented. *This recommendation has been accomplished.*

- The President receives annual reports on e-Learning metrics and issues across the system through the UA and MAU Performance Evaluation system used to support UA's annual budget development and distribution processes.
- President has empowered the Vice President for Academic Affairs to address matters of e-Learning.
- President has introduced Board of Regents policy and Regulation to guide e-Learning program development and support standards.
- The Vice President for Academic Affairs distributes funding annually to the MAUs for faculty development in e-Learning.
- e-Learning is now a reported category within the national accreditation process through NWCCU and must receive ongoing review throughout the accreditation process.

2. The President should develop incentives for MAUs to collaborate on distance education initiatives. *Substantial progress has been made in this area but additional progress is needed.*

- UA will continue to identify and remove e-Learning barriers through implementation of the Strategic Direction Initiative process. Broad areas where incentives could help UA meet its goals are being identified through this process. Specific incentives need to be identified and tied to actionable goals. One example area is the desire for further focus, collaboration, and process alignment to provide student-centric instruction and student services across campuses and MAUs, leading to greater student attainment.
- UA and MAU Performance Evaluation metrics now include a number of e-Learning related process and outcome measures. These are used to evaluate and inform resource investments and budget development toward meeting UA's mission.

- The Vice President for Academic Affairs distributes funding annually to the MAUs for faculty development in e-Learning.
- The majority of e-Learning course offering growth in the past two years has been from non-regular faculty, i.e., term instructors and adjunct faculty. Therefore, further incentives or recognition to engage regular faculty is needed.
- Students are benefitting from increased e-Learning options from UA campuses, regardless of the student's location or program.
- A student can now use his or her single student identification at any campus in the UA system. This change helps ensure that students will receive consistent service at any campus help desk.
- Collaboration among MAUs has been facilitated via a single sign on blackboard system across all institutions. A student can now use single-sign-on (SSO) to login in to access all of their online course materials within Blackboard course management system.
- While more work remains to be done in the areas of registration and student support, such as ease of discoverability, online advising and technical support, the campus IT organizations are fully committed to removing technical barriers and improving access for distance education students.
- Another important area needing attention is establishment of a uniform e-Learning tuition and fee structure and adoption a revenue sharing model to address cross MAU e-Learning collaboration between delivering and hosting institutions.

3. The Vice President of Academic Affairs should ensure faculty receive sufficient distance education technology training and technical support. *Substantial progress has been made in this area but additional progress is needed.*

- The VPAA distributes funding annually to the MAUs for faculty development in e-Learning.
- Lack of acceptance by some faculty that the same or better student learning outcomes can be achieved via e-Learning will have to be overcome by demonstrating student learning and through further faculty development. Ensuring that e-Learning and synchronous in-person courses/programs are implementing the same high-quality student learning outcomes assessment processes will demonstrate the effectiveness of e-Learning

and provide opportunities to continue its improvement.

- Faculty support for developing and offering e-Learning courses and programs varies among the MAUs. Ensuring adequate faculty support in instructional design and technical resources will be important to growing e-Learning at UA. Some sharing of resources among the MAUs, e.g., iTeach programs involving faculty from two or more MAUs, has already occurred but further work in this area is needed.

4. The Vice President of Academic Affairs should develop, implement, and enforce use of standard distance education course parameters and uniform course description information recorded on the management information system. *This recommendation has been accomplished.*

- All UA courses at uaonline.alaska.edu, with registration information and other student services; and individual MAU online schedules. Students can easily access a list of all UA e-Learning courses, including information on technology needed, time commitment and other factors needed to successfully complete each course.
- The current definition for categorizing courses by e-Learning delivery type was adopted and implemented in UA's Banner Information system in FY11, to completely replace the old criteria and definition for identifying distance-delivered courses.