1a. Major Academic Unit (choose one) UAA	1b. School or College Community and Technical College	1c. Department Computer and Electronics Technologies

2. Complete Program Title Telecommunications, Electronics, and Computer Technology Associate of Applied Science being changed to Computer and Networking Technology Associate of Applied Science

3. Type of Program

☐ Undergraduate Certificate   ☒ AA/AAS   ☐ Baccalaureate   ☐ Post-Baccalaureate Certificate

☐ Master's   ☐ Graduate Certificate   ☐ Doctorate

4. Type of Action ☐ Add ☒ Change ☐ Delete	5. Implementation date (semester, year) Fall, 2011

6. Projected Revenue and Expenditure Summary. Not Required if the requested action is deletion.
(Provide information for the 5th year after program or program change approval if a baccalaureate or doctoral degree program; for the 3rd year after program approval if a master's or associate degree program; and for the 2nd year after program approval if a graduate or undergraduate certificate. If information is provided for another year, specify (1st) and explain in the program summary attached). Note that Revenues and Expenditures are not always entirely new; some may be current (see 7d.)

Projected Annual Revenues in FY14		Projected Annual Expenditures in FY14	
Unrestricted		Salaries & benefits (faculty and staff)	$358,402
General Fund	$161,258	Other (commodities, services, etc.)	$27,031
Student Tuition & Fees	$224,175	TOTAL EXPENDITURES	$385,434
Indirect Cost Recovery	$0	One-time Expenditures to Initiate Program (if >$250,000)	
TVEP or Other (specify):	$0	(These are costs in addition to the annual costs, above.)	
Restricted		Year 1	$0
Federal Receipts	$0	Year 2	$0
TVEP or Other (specify):	$0	Year 3	$0
TOTAL REVENUES	$385,434	Year 4	$0

Page # of attached summary where the budget is discussed, including initial phase-in: N/A

7. Budget Status. Items a., b., and c. indicate the source(s) of the General Fund revenue specified in item 6. If any grants or contracts will supply revenue needed by the program, indicate amount anticipated and expiration date, if applicable.

Revenue source	Continuing	One-time
a. In current legislative budget request	$0	$0
b. Additional appropriation required	$0	$0
c. Funded through new internal MAU redistribution	$0	$0
d. Funds already committed to the program by the MAU[1]	$0	$0
e. Funded all or in part by external funds, expiration date	$0	$0
f. Other funding source Specify Type:	$0	$0

8. Facilities: New or substantially (>$25,000 cost) renovated facilities will be required.   ☐ Yes   ☒ No

   If yes, discuss the extent, probable cost, and anticipated funding source(s), in addition to those listed in sections 6 and 7 above.

[1]Sometimes the courses required by a new degree or certificate program are already being taught by an MAU, e.g., as a minor requirement. Similarly, other program needs like equipment may already be owned. 100% of the value is indicated even though the course or other resource may be shared.

9. Projected enrollments (headcount of majors). If this is a program deletion request, project the teach out enrollments.

| Year 1: 70 | Year 2: 73 | Year 3: 76 | Year 4: 80 |

Page number of attached summary where demand for this program is discussed: 1

10. Number* of new TA or faculty hires anticipated (or number of positions eliminated if a program deletion):	11. Number* of TAs or faculty to be reassigned:

Graduate TA	0
Adjunct	0
Term	0
Tenure track	0

Graduate TA	0
Adjunct	0
Term	1
Tenure track	0

Former assignment of any reassigned faculty: Electronics Technology
For more information see page 2 of the attached executive summary.

12. Other programs affected by the proposed action, including those at other MAUs (please list):

Program Affected	Anticipated Effect	Program Affected	Anticipated Effect
Kenai programs requiring ET courses: AAS, Computer Electronics; AAS, Industrial Process Instrumentation; AAS, Mechanical Technology; UC, Petroleum Technology	Responsibility for the Electronics Technology courses has been transferred to KPC along with lab equipment so there are no negative impacts.		

Page number of attached summary where effects on other programs are discussed: 2

13. Specialized accreditation or other external program certification needed or anticipated. List all that apply or 'none': None	14. Aligns with University or campus mission, goals, core themes, and objectives (list):Work force development
	Page in attached summary where alignment is discussed: Page 6, Table 9.1 of attached Executive Summary

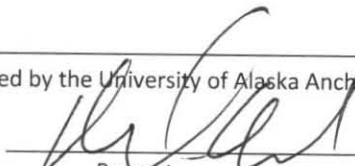| 15. State needs met by this program (list): N/A Page in the attached summary where the state needs to be met are discussed: N/A—not required for major revision of existing program	16. Program is initially planned to be: (check all that apply) ☒ Available to students attending classes at UAA campus(es). ☐ Available to students via e-learning. ☐ Partially available students via e-learning. Page # in attached summary where e-learning is discussed: N/A

Submitted by the University of Alaska Anchorage with the concurrence of its Faculty Senate.

_____ , 5/10/11   _____ , 5/10/11
Provost   Date   Chancellor   Date

☐ Recommend Approval
☐ Recommend Disapproval
_____ / _____
UA Vice President for Academic Affairs on behalf of   Date
the Statewide Academic Council

☐ Recommend Approval
☐ Recommend Disapproval
_____ / _____
Chair, Academic and Student Affairs Committee   Date

☐ Recommend Approval		
☐ Recommend Disapproval	_____/_____	
	UA President	Date

☐ Approved		
☐ Disapproved	_____/_____	
	Chair, Board of Regents	Date

*Net FTE (full-time equivalents). For example, if a faculty member will be reassigned from another program, but his/her original program will hire a replacement, there is one net new faculty member. Use fractions if appropriate. Graduate TAs are normally 0.5 FTE. The numbers should be consistent with the revenue/expenditure information provided.

Attachments: ☒ Summary of Degree or Certificate Program Proposal   ☐ Other (optional)

1a. Major Academic Unit (choose one) UAA	1b. School or College Community and Technical College	1c. Department Computer and Electronics Technologies

2. Complete Program Title Undergraduate Certificate, Telecommunications and Electronics Systems

3. Type of Program

☒ Undergraduate Certificate	☐ AA/AAS	☐ Baccalaureate	☐ Post-Baccalaureate Certificate
☐ Master's	☐ Graduate Certificate		☐ Doctorate

4. Type of Action	5. Implementation date (semester, year)
☐ Add ☐ Change ☒ Delete	Fall, 2011

6. Projected Revenue and Expenditure Summary. Not Required if the requested action is deletion.
(Provide information for the 5th year after program or program change approval if a baccalaureate or doctoral degree program; for the 3rd year after program approval if a master's or associate degree program; and for the 2nd year after program approval if a graduate or undergraduate certificate. If information is provided for another year, specify (1st) and explain in the program summary attached). Note that Revenues and Expenditures are not always entirely new; some may be current (see 7d.)

Projected Annual Revenues in FY14		Projected Annual Expenditures in FY14	
Unrestricted		Salaries & benefits (faculty and staff)	$0
General Fund	$0	Other (commodities, services, etc.)	$0
Student Tuition & Fees	$0	TOTAL EXPENDITURES	$0
Indirect Cost Recovery	$0	One-time Expenditures to Initiate Program (if >$250,000)	
TVEP or Other (specify):	$0	(These are costs in addition to the annual costs, above.)	
Restricted		Year 1	$0
Federal Receipts	$0	Year 2	$0
TVEP or Other (specify):	$0	Year 3	$0
TOTAL REVENUES	$0	Year 4	$0

Page # of attached summary where the budget is discussed, including initial phase-in: N/A

7. Budget Status. Items a., b., and c. indicate the source(s) of the General Fund revenue specified in item 6. If any grants or contracts will supply revenue needed by the program, indicate amount anticipated and expiration date, if applicable.

Revenue source	Continuing	One-time
a. In current legislative budget request	$0	$0
b. Additional appropriation required	$0	$0
c. Funded through new internal MAU redistribution	$0	$0
d. Funds already committed to the program by the MAU[1]	$0	$0
e. Funded all or in part by external funds, expiration date	$0	$0
f. Other funding source Specify Type:	$0	$0

8. Facilities: New or substantially (>$25,000 cost) renovated facilities will be required. ☐ Yes ☒ No

If yes, discuss the extent, probable cost, and anticipated funding source(s), in addition to those listed in sections 6 and 7 above.

9. Projected enrollments (headcount of majors). If this is a program deletion request, project the teach out enrollments.

Year 1: 0	Year 2: 0	Year 3: 0	Year 4: 0

Page number of attached summary where demand for this program is discussed: 1

[1]Sometimes the courses required by a new degree or certificate program are already being taught by an MAU, e.g., as a minor requirement. Similarly, other program needs like equipment may already be owned. 100% of the value is indicated even though the course or other resource may be shared.

10. Number* of new TA or faculty hires anticipated (or number of positions eliminated if a program deletion):		11. Number* of TAs or faculty to be reassigned:	
		Graduate TA	0
		Adjunct	0
Graduate TA	0	Term	1
Adjunct	0	Tenure track	0
Term	0		
Tenure track	0		

Former assignment of any reassigned faculty: Electronics Technology
For more information see page 2 of the attached summary.

12. Other programs affected by the proposed action, including those at other MAUs (please list):

Program Affected	Anticipated Effect	Program Affected	Anticipated Effect
Kenai programs requiring ET courses: AAS, Computer Electronics; AAS, Industrial Process Instrumentation; AAS, Mechanical Technology; UCm Petroleum Technology	Responsibility for the Electronics Technology courses has been transferred to KPC along with lab equipment so there are no negative impacts.		

Page number of attached summary where effects on other programs are discussed: 2

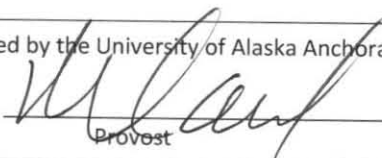| 13. Specialized accreditation or other external program certification needed or anticipated. List all that apply or 'none': None	14. Aligns with University or campus mission, goals, core themes, and objectives (list): N/A for deleted programs
	Page in attached summary where alignment is discussed: Page 6, Table 9.1 of attached Executive Summary

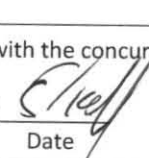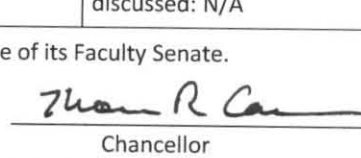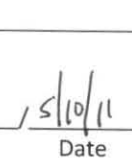| 15. State needs met by this program (list): N/A Page in the attached summary where the state needs to be met are discussed: N/A for deleted programs	16. Program is initially planned to be: (check all that apply) ☐ Available to students attending classes at UAA campus(es). ☐ Available to students via e-learning. ☐ Partially available students via e-learning. Page # in attached summary where e-learning is discussed: N/A

Submitted by the University of Alaska Anchorage with the concurrence of its Faculty Senate.

_____ / 5/10/   _____ / 5/10/11
Provost   Date   Chancellor   Date

☐ Recommend Approval
☐ Recommend Disapproval

_____ / _____
UA Vice President for Academic Affairs on behalf of   Date
the Statewide Academic Council

☐ Recommend Approval
☐ Recommend Disapproval

_____ / _____
Chair, Academic and Student Affairs Committee   Date

☐ Recommend Approval
☐ Recommend Disapproval

_____ / _____
UA President   Date

☐ Approved

_____ / _____

☐ Disapproved	Chair, Board of Regents	Date

*Net FTE (full-time equivalents). For example, if a faculty member will be reassigned from another program, but his/her original program will hire a replacement, there is one net new faculty member. Use fractions if appropriate. Graduate TAs are normally 0.5 FTE. The numbers should be consistent with the revenue/expenditure information provided.

Attachments: ☒ Summary of Degree or Certificate Program Proposal   ☐ Other (optional)

This is a summary of a full prospectus. The full prospectus is available upon request.

1. Degree/Certificate Title & Responsible Program

Major Academic Unit University of Alaska, Anchorage	School or College Community and Technical	Department Computers and Electronics Technologies	
Complete Program Title Associate of Applied Science, Computer and Networking Technology			
Type of Program	☐ Undergrad Certificate ☒ AA/AAS	☐ Baccalaureate	
	☐ Masters ☐ Graduate Certificate	☐ Doctoral	☐ Specialty

2. Rationale for revision.

This executive summary and associated prospectus covers a package of changes to a set of existing degree programs. The major changes being made to the program are in response to the priorities, goals and objectives put forth in UAA's Strategic Plan 2017. This includes reviewing programs and based on the reviews, reinforce successful programs, reduce or eliminate programs as indicated by the review to assure the best use of limited resources, and improve the efficiency with which our students complete their academic goals.

The two changes include the deletion of the Undergraduate Certificate in Telecommunications and Electronic Systems (TECT) and a major change of program involving the renaming of the existing AAS in TECT to be the AAS in Computer and Networking Technology (CNT) while dropping the TECT track in the existing degree and retaining a modified version of the CNT track in the existing degree.

These changes are in response to low enrollments and lack of demand within the community for the Telecommunications, Electronics and Computer Technology track within the existing AAS in TECT and the TECT Undergraduate Certificate. The reallocation of the Electronics Technology classroom will allow the department to make better use of its limited resources.

The enrollments for the CNT track have been strong throughout its availability. Over the past four years the student credit hour production for the Anchorage CNT courses have increased (AY05-06 1269 to AY09-10 1759) student credit hours. That production is expected to continue and increase over the next few years. Most CNT students looking for work find an IT position before the end of their second year in the program. The program provides employers with skilled IT employees. According to the Department of Labor and Workforce Development, network systems and data communications occupations should increase by 46 percent over the next 10 years.

3. **Justification if the revision results in duplication of a program at another University of Alaska unit, and description of collaboration with other university and community colleges within the University of Alaska.**

   The changes to the program do not result in duplication with any other Alaska unit, however some courses are the same as those taught throughout the state. Many of the courses included in this program are also offered at the extended campuses of UAA.

   As stated above, areas of the program with low enrollment are being deleted, the degree name is being changed, requirements for the remaining degree, certificates and courses are being updated to the current industry standards.

4. **Impact of the proposed program on existing UA programs, including the GER.**

   Students in Kenai still use courses in the old TECT program in other programs which require electronics courses. Responsibility for those courses no longer taught in Anchorage have been formally transferred to KPC along with much of the laboratory equipment.

   Supporting programs should not be affected. The Computer and Networking Technology program changes are mainly just a name change and updates, the deletion of the Electronics is because of low enrollment.

5. **Requirements the revision will have for addition of new faculty and staff, new library, equipment or related resources, or new or altered space.**

   The program changes will not require any additional faculty, staff or space resources. The Electronics Technology faculty position is temporarily being used support the CIOS Excellence in Distance Education project. In FY 11-12, the budget and faculty position will be permanently transferred allowing the CIOS program to come off eight years of TVEP funding.

   The Electronics Technology classroom (UC 127) has been reassigned and refitted to cover afternoon and night classes in Cisco networking technologies and advanced servers using $30,000 of CTC funding during AY 2009-10. The CNT program used older surplus program and department equipment for initial classroom computers. Currently, networking equipment is being added via a $15,000 CTC Equipment grant for voice over IP technologies. The CNT program is currently requesting $17,640 for computer lab upgrades in room UC 135 which will allow surplus equipment to be used in the UC 127 lab.

   Long term lab support is expected to be furnished by student lab fees. The CNT program has not requested any CTC or university funding for lab support over the past eight years, as careful budgeting of course lab fees has funded equipment upgrading and replacement.

6. **Fiscal Plan for the proposed program.**

The revisions will result in reassignment of a faculty position to the CIOS program. There are no new expenses or revenues associated with the proposed major modification—it is simply a repackaging of the program.

Table ES6.1
Incremental Expenses, Revenues, and Balances

Year	New Expenses	New Revenue	Balance
Yr 1	$0	$0	$0
Yr 2	0	0	0
Yr 3	0	0	0
Yr 4	0	0	0
Yr 5	0	0	0

7. **Support of appropriate advisory councils.**

The Computer and Networking Technology advisory committee discussed and validated the proposed program and course changes at multiple meetings, with final approval at board meeting on October 22, 2010.