Statewide Articulation Manual:

AS to BA/BS and ATD to AS Articulation



John L. Winn, Commissioner

Comments and proposed changes should be directed to:

Office of Articulation Florida Department of Education 325 West Gaines Street, Suite 1401 Tallahassee, Florida 32399-0400

Revised April 2005

Table of Contents

Statewide Articulation Agreement	
Associate in Science to Baccalaureate Degree Articulation	
Applied Technology Diploma (ATD) to Associate in Science Artic	
Career Ladder Articulation Agreements	2
Associate in Science (AS) to Bachelor of Arts (BA)/	
Bachelor of Science (BS) Capstone Degree Articulation	22
Applied Technology Diploma (ATD) to Associate Degree Articulation	23
Appendix	
State Board of Education Rule 6A-10.024	

Statewide Articulation Agreement

Associate in Science to Baccalaureate Degree Articulation

The Associate in Science degree is the career education degree of the community colleges. It is a two-year degree intended to prepare students for the workforce. State Board of Education Rule 6A-10.024 authorizes several provisions for articulation from an associate in science to a baccalaureate degree. (See the Appendix for the full text of the rule.)

- The Career Ladder Agreement. Beginning fall term 2000, all graduates of a Florida community college associate in science degree program listed in the Statewide Articulation Manual shall be granted admission to any of the universities in the State University System in the program designated to articulate with their degree, except for limited access programs and those requiring specific grades on particular courses for admission. Each State University System institution shall develop admissions criteria to ensure that associate in science degree students are evaluated on an equal basis with associate in arts degree graduates and native university students for admission into programs designated as limited access and those requiring specific grades on particular courses for admission.
- The Interdisciplinary Capstone Agreement. Every associate in science degree graduate of a Florida community college program that articulates with an interdisciplinary capstone degree program in a Florida public or private university shall be guaranteed admission to that program except for limited access programs and those requiring specific grades on particular courses for admission. All associate in science degree graduates who articulate under the interdisciplinary capstone agreement shall be treated equally, regardless of the community colleges from which they receive their degrees. The general education component of the A.S. degree will maintain its integrity upon transfer to the interdisciplinary capstone program.

Applied Technology Diploma (ATD) to Associate in Science Articulation

The Applied Technology Diploma (ATD) consists of a course of study that is part of an associate in science (A.S.) or an associate in applied science degree (A.A.S.), is less than sixty (60) credit hours, is approximately fifty (50) percent of the technical component (non-general education), and leads to employment in a specific occupation. An applied technology diploma program may consist of either career and technical education credit or college credit.

The information related to the guaranteed transfer of credit between an applied technology diploma program and associate in science or an associate in applied science degree is included in this document. The transfer of the applied technology diploma to an associate degree is guaranteed for a period of three (3) years following the date of the award of the applied technology diploma.

Career Ladder Agreements

List of Articulated Programs and Hours

The following Associate in Science degree programs shall articulate into a baccalaureate degree in the designated university programs under the provisions of Rule 6A-10.024 - Articulation Between Universities, Community Colleges, and School Districts and the career ladder agreements contained herein:

AS Degree Program	University Degree Program	Total Hours	Page Number
Radiography (CIP 1317020900)	Radiologic Technology (CIP 51.0907)	132	3
Nursing (CIP 1318110100)	Nursing (CIP 51.1601)	128	5
Hospitality & Tourism Mgmt. (CIP 1206079900)	Hospitality Admin/Mgmt in programs not accredited by AACSB (CIP 52.0901)	124	8
Electronics Engineering Tech. (CIP 1615030301)	Electronics Engineering Technology (CIP 15.0303) Engineering Technology General (CIP 15.1101 Track 2: Electrical)	134	10
Business Administration (CIP 1506040102)	Business, General (52.0101) Business Admin. & Mgmt (CIP 52.0201)	132	14
Regionally-Accredited AS Degree Program	Applied Science (CIP 24.0105)	120	16
Computer Engineering Tech. (CIP 1615040200)	Information Systems Technology (CIP 15.1202)	134	17
Technology Education Areas of Emphasis: Construction Technology (CIP 1924010100) Graphics Communication Technology Drafting and Design Technology Transportation Technology	Technology Teacher Education (CIP 13.1320)	129	18
Criminal Justice Technology (CIP 1743010300)	Criminal Justice (CIP 43.0104)	130	20

Associate in Science in Radiography to a Baccalaureate in Radiologic Sciences (CIP 51.0907)

- a. The Associate in Science in Radiography shall include:
 - i. Fifteen (15) hours of general education, including the following designated courses or an approved general education course in the designated discipline: ENC X101, MAC X105, Humanities, Social/Behavioral Science, and Computer Science;
 - ii. The following six (6) hours of prerequisites must be taken as part of the General Education Core: MAC X105, and one of the following: CGS X060C, CGS X530, CGSX570, CIS X400, CIS X000, CGS X000, CGS X361(no longer offered), CGS X100, or CGS X060.
 - iii. Sixty-two (62) hours of other courses required for the AS degree, including one of the following sets of prerequisites: ZOO X733C & PCB X703C; BSC X085C & BSC X086C; BSC X085/X085L & BSC X086/X086L; BSC X093C & BSC X094C; BSC X085 & BSC X086; BSC X086C & BSC X094C; BSC X085/X085L & BSC X086/X086L; BSC X093C & BSC X094C.
- b. Twenty-one (21) hours of general education may be completed at the community college or the university. These must include courses in the following: ENC X102, PHY X053, Speech, Humanities, Cultural/History, Economics/Government, and Biological Science.
- c. The prerequisite lab (PHY X053L) for one (1) credit hour, must be taken in conjunction with PHY X053 at the community college or the university.
- d. Thirty-three (33) hours must be completed in residence at the university.
- e. Twenty-three (23) hours of credit for clinical courses taken to fulfill the requirements of the AS degree will be awarded toward the baccalaureate degree following the demonstration of advanced clinical competency skills or advanced certification by the American Registry of Radiologic Technology (ARRT). If competency is not successfully demonstrated additional clinical coursework may be required.
- f. The total hours required for the AS to BS articulated radiologic sciences degree shall be no more than 132 credit hours.

AS to BS Radiologic Technology Worksheet Summary

Community College: AS Radiography Program - CIP 1317020900

General Education	15 Credit Hours
ENC 1101	3
Humanities	3
Social/Behavioral Science	3
MAC 1105	
Computer Science	
(including one of the following: CGS X060C, CGS X	
CIS X000, CGS X000, CGS X061, CGS X361, CGS X	
**Core Courses	62 Credit Hours
Includes one of the following sets of prerequisites:	
ZOO X733C & PCB X703C	
OR BSC X085C & BSC X086C	
OR BSC X085/1085L & BSC X086/X086L	
OR BSC X093C & BSC X094C	
<u>OR</u> BSC X085 & BSC X086	
OR BSC X086C & BSC X094C	
OR BSC X085/X085L & BSC X086/X086L	
OR BSC X093C & BSC X094C	

AS in Radiography Total Hours: [15 Hrs. Gen. Ed.] + [62 Hrs. Core Courses] = 77 Credit Hours

Total Hours initially awarded in transfer to the university level 46 Credit Hours

University: Radiologic Technology BS Program – CIP 51.0907 - UCF

General Education	.21 Credit Hours
ENC X102	. 3
PHY X053	. 3
Speech	. 3
Humanities	
Cultural/History	. 3
Economics/Government	
Biological Science	. 3
PHY X053L (must be taken as corequisite to PHY X053)	

Radiologic Technology Core Courses33 Credit Hours

Credit for clinical courses taken to fulfill the requirements of the AS degree will be awarded upon demonstration of advanced clinical competency skills or advanced certification by the American Registry of Radiologic Technology (ARRT). If competency is not successfully demonstrated, additional clinical coursework may be required.

Total Hours Awarded at University Level

[21 Hrs. Gen. Ed.] + [1 Hr. PHY] + [33 Hrs. Core] + [23 Hrs. Clinical Credit] = 78 Credit Hours

Total AS/BS Radiologic Technology Program 132 Credit Hours Taken

[46 Hrs. Awarded for AS] + [78 Hrs. Upper Division] = 124 Credit Hours Awarded

Associate in Science in Nursing to Baccalaureate in Nursing (CIP 51.1601)

- a. The Associate in Science in Nursing shall include:
 - i. Eighteen (18) hours of general education, in which six (6) hours must be common prerequisites.
 - ii. Twelve (12) hours of additional common prerequisites.
 - iii. Forty-two (42) hours in technical courses of which twenty-six to thirty (26-30) will be validated for upper-level credit based upon successful competency demonstration.
- b. Thirteen (13) hours in common prerequisites may be taken at either the community college or the university; however, six (6) of those hours must also meet general education requirements.
- c. The remaining hours of general education may be taken at the community college or university.
- d. The baccalaureate in nursing shall include 29-34 hours in nursing credit.
- e. The twenty six to thirty (26-30) hours of Associate in Science nursing courses designated in the previous section a (iii) will be validated for upper level credit based upon RN Licensure and (1) portfolio review and/or (2) challenge examinations, and/or (3) escrowing these hours until successful completion of nursing courses specified by the receiving institution.
- f. The total hours required for the AS to BS articulated nursing degree program shall be no more than 128 credit hours.

Validation mechanisms

The validation methods used by universities pursuant to paragraph (e) above, are listed in the table on the following page.

Validation Methods for RN to BS in Nursing as Used by the State Universities of Florida

UNIV	CHALLENGE	PORTFOLIO	ESCROW	COMMENTS
UF	X			NLN Mobility (Challenge) Exam. Advisement regarding preparation for exam is provided.
FSU	X			The Educational Resources, Inc (ERI) RN General Achievement Profile (RN-GAP) exam is administered to RNs prior to beginning first clinical course. Students whose scores fall below the national norm must complete individualized learning contracts for areas that need strengthening.
FAMU	X			Challenge exams and selected clinical experiences or skills may be used to validate specified courses or practica.
USF		X		A portfolio review is used to validate an associate degree applicant's credits.
FAU			X	Credits are held in Escrow until successful completion of required upper level nursing courses.
UWF		X		Portfolio/Record review.
UCF	Х	Х		Three requirements for validation: 1) validation exam or passage of NCLEX within past two years, or practice as RN 2 of last 5 years, 2) professional portfolio, and 3) completion of first clinical course NUR X636. Credits are awarded after completion of clinical course.
FIU	Х			ACT Proficiency Exam or National League for Nursing RN Mobility Test. (Challenge Exams)
UNF	Х			NLN Mobility Profile II Exam. Students may challenge out of the exam by either 1 year of full-time employment within 3 years prior to admission, or passing NCLEX licensure within 2 years prior to admission.
FGCU	Х			Challenge Exam for validation of some courses or directly transfer equivalency credit hours to transcript for other specified courses from NLNAC accredited AS programs.

Applicants should contact the university for more details.

AS to BS Nursing Worksheet Summary

Community College: AS Nursing Program - CIP 1318110100
General Education18 Credit Hours
(includes at least 6 hours of common prerequisites)
Common Prerequisites12 Credit Hours
(Complete at least 18 hours at the AS level, at least 6 of which will count for general
education, the rest to be taken at the university)
BSCX085C
BSCX086C
MCBX010C CHM XXXX
DEP X004
HUN X201 or NUR X192
PSY X012
STA X014
SYG X000
Nursing Core Courses
**Credit initially awarded for the AS Degree at the university level = 30 Credit Hours; upon Validation at Upper Level, 26-30 more Credit Hours will be awarded, totaling 56-60 Credit Hours
<u>University: Nursing BS Program - CIP 51.1601 - UF, FSU, FAMU, USF, FAU, UWF, UCF, FIU, UNF, FGCU</u>
General Education
Common Prerequisites7 Credit Hours
Electives9-14 Credit Hours
Baccalaureate Nursing Courses29-34 Credit Hours
Validated Credit
Total AS/BS Nursing Program No more than 128 Credit Hours
[56-60 Hrs. AS (Including 26-30 validated for upper level credit)] + [25 Hrs. Upper Division Gen. Ed. & Common Prereq.] + [9-14 Hrs. Electives] + [29-34 Hrs. BSN Courses] = Configuration of hours within specified ranges to equal no more than 128 Credit Hours

Associate in Science in Hospitality & Tourism Management to a Baccalaureate in Hospitality/Administration/Management in programs not accredited by AACSB (CIP 52.0901)

- a. The Associate in Science in Hospitality & Tourism Management shall include:
 - i. Eighteen (18) credit hours of general education, which shall include ENC X101 and ENC X102;
 - ii. Forty-six (46) credit hours in technical courses, including the common prerequisite HFT X000;
- b. The baccalaureate in Hospitality Management shall include:
 - i. The remaining eighteen (18) hours of general education;
 - ii. Forty-two (42) credit hours in professional courses.
 - iii. The total hours for the AS to BA/BS articulated degree shall be no more than 124 credit hours.

AS to BS Hospitality Administration/Management in programs not accredited by AACSB Worksheet Summary

Community College: AS in Hospitality & Tourism Management – CIP 1206079900
General Education
ENC X101/X102 6
Professional Core Courses
AS in Hospitality & Tourism Management Total Hours [18 Hrs. Gen. Ed.] + [46 Hrs. Professional Core] = 64 Credit Hrs.
University: Hospitality Administration/Management – CIP 52.0901 - FIU
General Education
Courses required to complete degree42 Credit Hours
Total University60 Credit Hours
AS/BS Hospitality Administration/Management Program Total Hours [64 Hrs. AS] + [60 Hrs. University] = 124 Credit Hours

Associate in Science in Electrical Engineering Technology to a Baccalaureate in Electronic Engineering Technology (CIP 15.0303) and Engineering Technology General (CIP 15.1101) Track 2: Electrical

- a. The articulated Associate in Science in Electrical Engineering Technology shall include:
 - i. Twenty-two (22) credit hours of general education including the following designated courses or an approved general education course in the designated discipline: MAC X105, PHY X048/X048L or PHY X053C(4), six (6) hours in Communication to meet the Gordon Rule requirement, six (6) hours in Social Science, three (3) hours in Humanities; and
 - ii. Thirty-eight (38) hours in technical core courses; and
 - iii. Eight (8) hours in technical electives courses.
- b. The baccalaureate in Electronic Engineering Technology shall include:
 - i. The remaining thirteen (13) hours of general education to be taken at the university level and including PHY X049/X049L or PHY X054C(4), MAC X311 or equivalent; and other general education courses as determined by institutional requirements; and
 - ii. Four (4) hours in MAC X312 or equivalent; and
 - iii. Forty-eight (48) hours of engineering technology core courses.
- c. The total hours for the AS to BS articulated degree shall be no more than 134 credit hours.

AS in EET to Baccalaureate Degree in EET Worksheet Summary

University and Community College Faculty Committee met and agreed to propose a 68 credit hour AS program and a 66 credit hour university program leading to a 134 credit hour AS/BS program.

The community colleges and universities agree to the described Associate in Science program with 22 hours of general education at the Community College level and 14 hours of general education at the university level. The math (including technical math) and communications will be transferable as long as they meet the requirements of the Gordon Rule.

The Bachelor of Science program will include a total of 66 hours and will be offered at the university level, including general education, Technology Core, Technology Specialization and Technical Electives. University programs will have to be modified to meet this program length requirement.

Community College: Associate in Science in Electronics Engineering Technology

General Education	
Communications to meet Gordon Rule Requirement	
Social Science Elective	6
Cultural (Humanities) Elective	3
MAC X105	
PHY X048/X048L or PHY X053C	4
Technology Core	38 Credit Hours*
*Will transfer as a block of 38 hours of credit.	
DC Circuits/AC Circuits	
Digital	
Analog Devices / Solid State	
Analog Circuits / Linear	
Microprocessors	
Electronic Communication	

Computer Programming (High Level) Trigonometry

Computer Applications

Technical Electives (Select Two).......8 Cr. Hours

Any technical electives of the EET program

Total AS Degree Program = 68 Cr. Hours

University: Baccalaureate in Electronic Engineering Technology (CIP 15.0303) and Engineering Technology General (15.1101) Track 2: Electrical

General Education	14 Credit Hours
Cultural/Humanities Elective	3
Communications	3
PHY X049/X049L or PHY X054	
MAC X311	4
Engineering Technology Core	48 Credit Hours
Additional Course MAC X312	4 Credit Hours
Total University Hours	66 Credit Hours
Total AS/BS EET ProgramHrs.	no more than 134 Credit

Justification for 134 total program hours

- 1) The primary purpose of the AS degree, to prepare students to enter the workforce, must be preserved. The AS core block ensures meeting that requirement.
- 2) The universities are required to include 48 hours of Upper Division course work for their BSEET Programs.
- 3) The Technology Accreditation Commission (TAC) of the Accreditation Board for Engineering and Technology (A-BET) establishes criteria for Engineering Technology programs. Three AS and two BS programs are currently accredited by this body. One AS program is seeking accreditation, and others have future plans for accreditation. In order for the universities and community colleges to maintain their TAC/ABET accreditation, and not jeopardize their specialized accreditation, the program length specified must meet the hours as listed.
- 4) The BSEET Degree curricula must include the additional Mathematics and Science courses as prerequisites in order to meet minimum program criteria as specified by TAC ABET. The upper division coursework must complement and expand on the lower division work done at the AS degree level. The total program length specified accommodates these requirements.

<u>University Technical Courses Comparison (Example of Upper Level Technology Courses)</u>

	University of Central Florida	University of West Florida	Florida A&M University
1	Engineering Economy	Engineering Economy	Engineering Economy
2	Quality Control	Quality Control	Statics
3	Technical Administration	Industrial Electricity & Electronics	Electronic Devices & Circuits II
4	Applied Microprocessor Tech.	Microprocessor System	Microprocessor Systems
5	Digital Systems	Production Improvement	Digital Electronics
6	Micro Computer Tech. I	Instrumentation	Advanced Electronics
7	Linear Integrated Circuits	Advanced Circuit Analysis	Advanced Electricity II
8	Network Analysis	Electrical Machinery	Micro Wave
9	Feedback Control Systems	Communication Systems	Communication Systems
10	Power Systems	Advanced Communication	Advanced Communication
11	Senior Design	Senior Project	Professional Seminar
12	Technical Electives	Technical Electives	Technical Electives
13		Computer Aided Design	

Associate in Science in Business Administration to a Baccalaureate in Business, General (CIP 52.0101) or Business Administration and Management (CIP 52.0201)

- a. The Associate in Science in business administration shall include:
 - i. Twenty-four (24) hours in general education, including ENC X101, ENC X102, SPC X600, 3 hours of Humanities courses, MAC X105, ECO X013, ECO X023, and MAC X233 or X230;
 - ii. Twelve (12) additional hours in common prerequisites, including ACG X021 or the combination of ACG X001 and ACG X011, ACG X071, CGS X100, and STA X023 or QMB X100;
 - iii. Twenty-eight (28) hours in professional courses.
 - iv. Of the twenty-eight hours in professional courses, a maximum of twelve (12) hours will be "business-label" courses. All business-label courses and program prerequisites shall be taught in accordance with the Southern Association of Colleges and Schools Commission on Colleges criteria for programs designed for college transfer.
- b. The baccalaureate in business, general or business administration and management must include:
 - i. The remaining twelve (12) hours in general education as determined by institutional requirements.
 - ii. Fifty-six (56) credit hours in professional and/or other courses required to complete the degree, forty-eight (48) hours of which may be "business-label" courses;
- c. A total of sixty-four (64) credit hours taken for the Associate in Science degree will transfer and apply towards the baccalaureate degree.
- d. The total hours for the AS to BA/BS articulated degree shall be no more than 132 credit hours.

Study

By fall 2005, a study will be conducted by discipline representatives of the state university and community college systems to assess the impact of the articulation agreement on the bachelor's degrees in Business, General (CIP 52.0101) and Business Administration and Management (CIP 52.0201), and, if necessary, review the terms of the agreement. The results of the study and any ensuing recommendations will be reported to the ACC through the Oversight Committee.

Substitution of lower- for upper-level courses

Although lower level courses from the AS to BS degree must be accepted by the bachelor's program under the terms of the agreement, any decisions regarding the substitution of lower-level courses for specific upper-level courses will be at the discretion of the receiving institution. The total number of hours for the articulated degree shall be no more than 132 hours.

AS to BS Business Administration Worksheet Summary

Community College: AS Business Administration – CIP 1506040102

General Education24 Credit Hours
ENC X101/X102 6
MAC X105 3
*MAC X233 or X230 3
Humanities 3
SPC X600 3
*ECO X013
*ECO X023 3
Program Prerequisites Total
Program Prerequisites minus overlapped gen. ed. hours 12 Credit Hours
*MAC X233 or X230 (Also counts for gen. ed.)
*ECO X013 (Counts for gen. ed.)
*ECO X023 (Counts for gen. ed.)
STA X023
ACG X071
ACG X021 or ACG X001/ACG X011
CGS X100 3
Professional Core Courses
AS in Business Administration Total Hours [24 Hrs. Gen. Ed.] + [12 Hrs. Prerequisites] + [28 Hrs. Prof. Core] = 64 Credit Hrs. University: Business, General – CIP 52.0101: UCF, USF; Business Administration & Management – CIP 52.0201: FAMU, FAU, FGCU, FIU, FSU, UF, UNF, UWF
General Education
Courses required to complete degree56 Credit Hours (48 hours of which may be "business-label courses")
Total University68 Credit Hours
AS/BS Business Administration Program Total Hours [64 Hrs. AS] + [68 Hrs. University] = 132 Credit Hours

Associate in Science to a Baccalaureate in Applied Science (CIP 24.0105)

AS to BS Applied Science – Worksheet Summary

(Approved 2/19/03, Articulation Coordinating Committee)

Community College: AS Degree at a regionally accredited institution

General Education18 Credit Hours
Including the following:
ENC X101/X102 6
Mathematics (Gordon Rule)
Mathematics (Gordon Rule)
Block Credits from Associate in Science42 Credit Hours
AS Degree Total Hours [18 Hrs. Gen. Ed.] + [42 Hrs. Block Credit from A.S.] = 60 Credit Hrs.
University: Applied Science – CIP 24.0105
General Education18 Credit Hours
(As determined by institutional requirements)
Courses required to complete degree42 Credit Hours
USF Exit Courses 9
USF Area of Emphasis (Concentration) – Minimum18
USF Second Area of Emphasis15
Business Administration
Urban Studies
Gerontology
deronterogy
Total University60 Credit Hours

AS/BS Applied Science Program Total Hours [60 Hrs. AS] + [60 Hrs. University] = 120 Credit Hours

Associate in Science in Computer Engineering Technology to a Baccalaureate in Information Systems Technology (CIP 15.1202)

<u>AS to BS Information Systems Technology – Worksheet Summary</u> (Approved 2/19/03, Articulation Coordinating Committee)

Community College: AS in Computer Engineering Technology – CIP 1615040200

General Education18 Credit Hours
Lower Level Technical Courses42 Credit Hours
AS in Computer Engineering Technology Total Hours [18 Hrs. Gen. Ed.] + [50 Hrs. Technical Courses] = 68 Credit Hours
•••••••••••••••••••••••••••••••••••••••
<u>University: Information Systems Technology – CIP 15.1202</u>
General Education
IST Core and Specialization courses
Total University
AS/BS Information Systems Technology Total Hours [68 Hrs. AS] + [66 Hrs. University] = 134 Credit Hours

Associate in Science in Technology Education to a Baccalaureate in Technology Teacher Education (CIP 13.1320)

<u>AS to BS in Technology Teacher Education – Worksheet Summary</u> (Approved 2/19/03, Articulation Coordinating Committee)

Students must fulfill the forty-five (45) hours requirement in liberal arts and sciences areas to satisfy teacher education requirements for this program. Those liberal arts and science areas include communications, mathematics, natural and/or physical sciences, fine arts and/or humanities, and social sciences.

Community College: AS in Technology Education

General Education18 Credit Hours

(These 18 hours must include courses within the liberal arts and sciences areas)

Construction Technology - CIP 1924010100

(*MAC X114, *EGS X111 C, *ETD X320, *BCN X230, *ETD X350, **EGS X112 C, **ETD X375 C, *BCN X272, *ETG X520, *ETG X530, *BCT X705, *BCT X600, **BCN X704, *SUR X100 C)

Graphics Communication Technology - CIP 0650040200

(**CGS X520, **GRA X131 C, *OST X823, **PGY X801C, **CGS X525, *GRA X801 C, **GRA X802C, *PGY X401 C, **GRA X841, **RTV X220)

Drafting & Design Technology – CIP 1615020200

(*MAC X114, *EGS X111 C, *ETD X320, *BCN X230, *ETD X350, *EGS X112 C, *ETD X375 C, *BCN X272, *ETG X520, *ETG X530)

Transportation Technology – CIP 0649020500

(*MĀC X114, *ETC X500, *ĒGS X111 C, *ETD X320, **SUR X100 C, **SUR X200 C, **SUR X390, **SUR X392, SUR X400, **SUR X533)

- * These courses are transferable to Florida A&M University (FAMU).
- ** These courses must be taken at Tallahassee Community College, but will be accepted towards the bachelor's degree in Technology Education at FAMU.

AS in Technology Education Total Hours

University: Technology Teacher Education – CIP 13.1320

General Education18 Credit Hours*					
Philosophy, Fine Arts (Humanities)	6				
Geometry	3				
Literature	3				
Natural/Physical Science	7				
*(Gen. Ed. hours may vary between 18-19 credit hours, depending upon one					
associated lab requirement for natural/pl					
Courses required to complete degree					
Total University	66 Credit Hours				
AS/BS Technology Teacher Education Program Total Hours [63 Hrs. AS] + [66 Hrs. University] = 129 Credit Hours					

Associate in Science in Criminal Justice Technology to a Baccalaureate in Criminal Justice (43.0104)

- a. The associate in Science in Criminal Justice Technology shall include:
 - i. Eighteen (18) credit hours in general education
 - ii. Forty-Six (46) credit hours in professional core requirements
- b. The baccalaureate in Criminal Justice shall include:
 - i. The remaining eighteen (18) credit hours in general education
 - ii. Forty-eight (48) credit hours in core/elective courses.
 - iii. The total hours for the AS to BS articulated degree shall be 130 credit hours.

AS to BS Criminal Justice Worksheet Summary

Community College: AS Criminal Justice Technology – CIP 1743010300

Determined by the institution.

Professional Core Requirements:46 Credit Hours

To include coursework such as:

Introduction to Criminal Justice

Introduction to Corrections

Criminology/Sociology

Police Administration/Principles of Management

Juvenile Delinquency/Systems

Criminal Investigations

Program Electives

AS in Criminal Justice:

[18 Hours General Education] + [46 hours Professional Core] = **64 Credit Hours**

University: BS Criminal Justice – CIP 43.0104

General Education Requirements:18 Credit Hours

Determined by the institution

Core/Elective Courses:......48 Credit Hours

Courses required to complete the degree.

Total University:

[18 Hours General Education] + [48 Hours Core Courses]= **66 Credit Hours**

AS to BS Criminal Justice Program Total Hours130 Credit Hours

[64 Hours AS] + [66 Hours BS]=

130 Credit Hours

*Total general education coursework must include courses involving a total of 24,000 words of writing and two mathematics courses at the level of College Algebra or above to satisfy the Gordon Rule requirement (grades of "C" or above required). All students must satisfy minimal standards for the College Level Academic Skills Test (CLAST) through examination or approved exemptions as outlined in the community college/university catalog. Students who did not complete 2 years of foreign language in high school must satisfy the State foreign language requirement of 8 semester hours of college level foreign language. General education requirements should include coursework from the following categories: Communications, Social/Behavioral Sciences, Humanities/Fine Arts, and Natural Sciences/Mathematics.

Associate in Science (AS) to Bachelor of Arts (BA)/

Bachelor of Science (BS) Capstone Degree Articulation

FGCU Associate in Science (AS) To Bachelor of Science (BS) Capstone Degree Articulation in Legal Studies (CIP 22.0103)

Florida Gulf Coast University offers an AS to BS Capstone Program in Legal Studies. The prerequisite is an AS in Paralegal Studies or Legal Assisting from a public Florida community college.

Other Capstone Programs

A wide variety of capstone degree programs are either available or under development at universities around the state. Please contact the individual institution for the most complete and current information.

Applied Technology Diploma (ATD) to Associate in Applied Science or Associate in Science Program Articulation

The following Applied Technology Diploma (ATD) programs shall articulate into an Associate in Applied Science or an Associate in Science degree under provision of Rule 6A-10.024 — Articulation Between Universities, Community Colleges, and School Districts.

ATD Program	Clock Hours	Credit Hours	A.A.S or A.S.	Effective Date
Customer Service Technology	540 hours	18 credits	Customer Relationship Management (60 credits)	July 1, 2000
Emergency Medical Technician (Basic)	250 hours	11 credits	Emergency Medical Services (73 credits)	July 1, 2000
Family Health Support Worker	630 hours	21 credits	Human Services (65 credits)	July 1, 2003
Health Care Services	960 hours	32 credits	Health Services Management (62 credits)	July 1, 2000
Medical Clinical Laboratory Technician	1,515 hours	40 credits	Medical Laboratory Technology (76 credits)	July 1, 2000
Medical Coder/Biller	1,000 hours	26 credits	Health Information Management (67 credits); or Office Administration- Medical Office Specialization (63 credits)	July 1, 2000
Medical Records Transcribing	1,200 hours	24 credits until June 30, 2002 33 credits effective July, 2003	Office Administration- Medical Office Specialization (63 credits)	July 1, 2000 *Note – This ATD will also articulate 15 credits to the A.S. or A. A. S. in Health Information Management
Pest Control Operations	720 hours	24 credits	Landscape Technology-Pest Control Specialization (68 credits)	July 1, 2000
Pharmacy Technician	1050 hours	40 credits	Pharmacy Management (70 credits)	July 1, 2003
Respiratory Care Technician This will be deleted effective 03-04 because it now requires at least an AS degree to be a Respiratory Care Technician	1,400 hours	28 credits	Respiratory Care (76 credits)	July 1, 2000 *Note – This program will no longer be offered beginning in 2002- 2003 due to a change in licensing requirements.

Travel and Tourism Management	540 hours	18 credits	Travel and Tourism Management (64 credits)	July 1, 2000
Turf Equipment Technology	1,140 hours	38 credits	Turf Equipment Management (67 credits)	July 1, 2000
Unit Treatment and Rehabilitation	720 hours	24 credits	Human Services (65 credits)	July 1, 2000

Approved February 19, 2003 Articulation Coordinating Committee

6A-10.024 Articulation Between Universities, Community Colleges, and School Districts.

- (1) Each state university president, community college board of trustees, and district school board shall plan and adopt policies and procedures to provide articulated programs so that students can proceed toward their educational objectives as rapidly as their circumstances permit. Universities, community colleges, and school districts shall exchange ideas in the development and improvement of general education, and in the development and implementation of student acceleration mechanisms. They shall establish joint programs and agreements to facilitate articulation, acceleration, and efficient use of faculty, equipment, and facilities.
- (2) Articulation Coordinating Committee. The Commissioner shall establish an Articulation Coordinating Committee which shall report to the Commissioner and consist of fifteen (15) members appointed by the Commissioner: three (3) members representing the state university system; three (3) members representing the state community college system; one (1) member representing career and technical education; three (3) members representing public schools; two (2) members representing nonpublic postsecondary institutions; one (1) member representing students; one (1) member from the Commissioner's staff who shall serve as chairman; and one (1) additional member. The Committee shall:
- (a) Function as the statewide pre-kindergarten through university, or K-20, council and accept continuous responsibility for community college-university-school district relationships, including recommending to the Commissioner plans for school district articulation relationships with community colleges and universities, including coordination of cooperative plans required by Section 229.814(5), Florida Statutes.
- (b) Establish articulation accountability measures. Further, the Committee shall annually collect, analyze, and make recommendations to the Commissioner of Education on the accountability measures. Such report, at a minimum, shall address the provisions set forth in Section 240.1162, Florida Statutes. The articulation accountability report shall be included in the Commissioner's annual report on the status of education to the State Board of Education and the Legislature.
- (c) Develop suggested guidelines for interinstitutional agreements between public schools, community colleges, and universities to facilitate interaction, articulation, acceleration, and the efficient use of faculty, equipment, and facilities.
- (d) Establish groups of university-community college-school district representatives to facilitate articulation in subject areas.
- (e) Conduct a continuing review of the provisions of Rule 6A-10.024, FAC.
- (f) Review instances of student transfer and admissions difficulties among universities, community colleges, and public schools. Decisions shall be advisory to the institutions concerned.
- (g) Recommend resolutions of issues and recommend policies and procedures to improve articulation systemwide.

- (h) Recommend the priority to be given research conducted cooperatively by the Divisions of Community Colleges, Universities, and Public Schools with individual institutions. Such research shall be encouraged and conducted in areas such as admissions, grading practices, curriculum design, and follow-up of transfer students. Research findings shall be used to evaluate current policies, programs, and procedures.
- (i) Review and make recommendations to institutions for experimental programs which vary from official transfer policy.
- (j) Develop procedures to improve articulation systemwide.
- (k) Collect and disseminate information on successful cooperative programs under Rule 6A-10.024(1), FAC.
- (l) Perform such other duties as may be assigned in law or by the State Board or the Commissioner.
- (3) General education.
- (a) Each state university and community college shall establish a general education core curriculum, which shall require at least thirty-six (36) semester hours of college credit in the liberal arts and sciences for students working toward a baccalaureate.
- (b) After a state university or community college has published its general education core curriculum, the integrity of that curriculum shall be recognized by the other public universities and community colleges. Once a student has been certified by such an institution on the official transcript as having completed satisfactorily its prescribed general education core curriculum, regardless of whether the associate degree is conferred, no other state university or community college to which he or she may transfer shall require any further such general education courses.
- (c) If a student does not complete a general education core curriculum prior to transfer, the general education requirement becomes the responsibility of the new institution.
- (4) The associate in arts degree is the basic transfer degree of the community colleges. It is the primary basis for admission of transfer students from community colleges to upper division study in a state university. Every associate in arts graduate of a Florida community college shall be granted admission to an upper division program offered by a state university institution except to: a limited access program; a teacher certification program; or a major program requiring an audition or portfolio. After admission has been granted to associate in arts graduates as specified above and to state university students who have successfully completed sixty (60) credit hours of course work and met the requirements of Section 240.107, Florida Statutes, admission shall then be granted to state university system and Florida community college students who have successfully completed sixty (60) credit hours of work.
- (5) The associate in arts degree shall be awarded upon:
- (a) Completion of at least sixty (60) semester hours of college credit courses exclusive of courses not accepted in the state university system, and including a general education

core curriculum of at least thirty-six (36) semester hours of college credit in the liberal arts and sciences;

- (b) Achievement of a grade point average of at least 2.0 in all courses attempted, and in all courses taken at the institution awarding the degree, provided that only the final grade received in courses repeated by the student shall be used in computing the average. The grade of "D" shall transfer and count toward the baccalaureate in the same way as "D" grades obtained by students in the state universities. Whether courses with "D" grades in the major satisfy requirements in the major field may be decided by the university department or college;
- (c) Completion of the requirements in Rule 6A-10.030, FAC.; and
- (d) Achievement of the minimum standards in Rule 6A-10.0312, FAC.
- (6) The associate in science degree is the career and technical education degree of the community colleges. It is a two-year degree intended to prepare students for the workforce. The following provisions allow for articulation from an associate in science to a baccalaureate degree.
- (a) The associate in science degree shall be awarded upon:
- 1. Completion of the minimum number of semester hours of college credit courses as required in Rule 6A-14.030(2)(a), FAC., including,
- 2. Completion of at least fifteen to eighteen (15-18) semester hours in the general education core curriculum in the liberal arts and sciences comprised of courses which meet the Southern Association of College and Schools Commission on Colleges criteria. English and math courses must meet the requirements of Rule 6A-10.030, FAC. No physical education credit will be included in the general education block of credit.
- 3. Achievement of the minimum standards in Rule 6A-10.0312, FAC., will be required by the time the student earns 36 semester hours at the senior institution in upper division work.
- 4. Completion of common prerequisites will be required for the baccalaureate degree or as otherwise outlined in program-specific statewide agreements.
- 5. Courses taken as part of the associate in science degree to meet the general education requirements will transfer and apply toward the 36 credit hours required for the baccalaureate degree. No additional general education credit hours can be required except to complete the total 36 general education hours or for remediation.
- (b) The Interdisciplinary Capstone Agreement. Every associate in science degree graduate of a Florida community college program that articulates with an interdisciplinary capstone degree program in a Florida public or private university shall be guaranteed admission to that program except for limited access programs and those requiring specific grades on particular courses for admission. All associate in science degree graduates who articulate under the interdisciplinary capstone agreement shall be

treated equally, regardless of the community colleges from which they receive their degrees.

- 1. The general education component of the A.S. degree will maintain its integrity upon transfer to the interdisciplinary capstone program.
- 2. The Articulation Coordinating Committee shall maintain a current listing of interdisciplinary capstone programs which will be published on an annual basis.
- (c) The Career Ladder Agreement -- Beginning fall term 2000, all graduates of a Florida community college associate in science degree program listed in the Statewide Articulation Manual shall be granted admission to any of the universities in the State University System in the program designated to articulate with their degree, except for limited access programs and those requiring specific grades on particular courses for admission. Each State University System institution shall develop admissions criteria to ensure that associate in science degree students are evaluated on an equal basis with associate in arts degree graduates and native university students for admission into programs designated as limited access and those requiring specific grades on particular courses for admission.
- 1. The associate in science degree shall be awarded based on all of the requirements contained in subsection (6)(a)of this rule and in accordance with the articulation agreement provisions contained in the Statewide Articulation Manual.
- 2. General education courses not taught in accordance with the Southern Association of Colleges and Schools Commission on Colleges criteria for programs designed for college transfer shall not be included in the associate in science degree.
- 3. The associate in science to bachelor of arts/bachelor of science articulation agreements between the State Board of Community Colleges and the State University System shall be documented and maintained in a Statewide Articulation Manual. The State Board of Community Colleges and the Board of Regents, in consultation with their member institutions, shall review periodically, as necessary, but no more than once a year, the provisions of the state articulation agreements and the prescribed curricula to ensure the continued effectiveness of the articulation between the A.S. and B.A./B.S. programs. Any recommendations for revisions to the state articulation agreements will be forwarded to the Articulation Coordinating Committee for review and approval.
- (7) The Applied Technology Diploma (ATD) consists of a course of study that is part of an associate in science (A.S.) or an associate in applied science degree (A.A.S.), is less than sixty (60) credit hours, is approximately fifty (50) percent of the career and technical component (non-general education), and leads to employment in a specific occupation. An applied technology diploma program may consist of either career and technical education credit or college credit.
- (a) Students must have a high school diploma or the equivalent to be admitted to an applied technology diploma program. Within six (6) weeks of entry, students must be tested pursuant to Rule 6A-10.040, FAC., and, if below minimum standards for completion from the program as defined in the program standards document adopted in

Rule 6A-6.0571, FAC., must receive remedial instruction. The minimum standards must be at least the equivalent of a score of ten (10) on all sections of any basic skills test approved in Rule 6A-10.040, FAC. Students must successfully complete all remedial instruction before completing the Applied Technology Diploma.

- (b) Community colleges may offer either college or career and technical education credit toward the applied technology diploma. Area technical centers may offer only career and technical education credits.
- (c) All faculty providing instruction must have at least an associate degree in the specific instructional program area or meet the criteria for "exceptional cases" as defined by the Southern Association of Schools and Colleges.
- (d) The information related to the guaranteed transfer of credit between an applied technology diploma program and associate in science or an associate in applied science degree must be documented and maintained in the Statewide Articulation Manual and the Vocational Education Program Courses Standards, which is incorporated by reference in Rule 6A-6.0571, FAC. The Statewide Articulation Manual and the Career and Technical Education Program Courses Standards shall include the following:
- 1. The total number of clock or credit hours within the program.
- 2. The associate degree into which the applied technology diploma is guaranteed to transfer.
- 3. The number of college credit hours guaranteed to transfer.
- 4. An effective date.
- (e) The transfer of the applied technology diploma to an associate degree is guaranteed for a period of three (3) years following the date of the award of the applied technology diploma.
- (f) Applied technology diploma students entering an associate degree program shall meet the admissions standards stipulated in Section 240.321, Florida Statutes. Additional admissions requirements for limited access programs may be established by the community college boards of trustees.
- (8) Credit by examination.
- (a) For examination programs listed in subsections (9) through (13) of this rule, examination specifications and content information shall be submitted to the Statewide Course Numbering System for course equivalency recommendations.
- (b) A list of examinations, minimum scores for guaranteed transfer credit, maximum credits guaranteed to transfer, and recommended course equivalents shall be maintained by the Articulation Coordinating Committee and reviewed annually.
- (c) Transfer of credit by examination is guaranteed for up to forty-five (45) credits, provided that credit was awarded in accordance with the Articulation Coordinating Committee's recommended minimum scores and course equivalents.

- (d) Transfer of examination credit over forty-five (45) credits is at the discretion of the receiving institution.
- (e) Credit by examination may not duplicate ordinary credit, dual enrollment credit or other credits earned through examination.
- (f) No grades or grade points shall be assigned for credit by examination.
- (g) Institutions may award credit for examinations that are not listed in this rule or that do not have recommended course equivalents, minimum scores, and maximum credits. Acceptance of transfer credit so awarded is at the discretion of the receiving institution.
- (9) The College Board College Level Examination Program (CLEP).
- (a) The transfer of credit awarded on the basis of scores achieved on examinations in the College Level Examination Program is protected by this rule only for examinations taken in an administration authorized by CLEP.
- (b) For examinations taken after July 2001, transfer of credit is mandatory for all CLEP examinations, except for foreign languages, on which students achieved a scale score of fifty (50).
- (c) For examinations taken prior to July 1, 2001, transfer of credit under the terms of this rule is mandatory provided that the institution awarding the credit did so on the basis on CLEP recommendations or scaled scores determined to represent student achievement at or above the fiftieth (50) percentile on the combined men-women sophomore norms in use prior to 1978, with no letter grade or grade points assigned.
- (d) For foreign language CLEP examinations, transfer of credit for examinations taken after July 1, 2001, is mandatory provided that credit was awarded on the basis of the Articulation Coordinating Committee's recommended minimum scores and maximum credit guaranteed to transfer.
- (10) College Board Advanced Placement Program (AP). Transfer of Advanced Placement credit under terms of this rule is mandatory, provided that the institution awarding the credit did so on the basis of the Articulation Coordinating Committee's recommended minimum scores and maximum amount of credit guaranteed to transfer.
- (11) International Baccalaureate (IB) Diploma Program. The award of credit based on scores achieved on IB Diploma program examinations and the transfer of such credit are mandatory under the provisions herein.
- (a) Students who have not been awarded the IB Diploma shall be awarded six (6) semester credits in the subject areas of each IB higher level examination on which they scored five (5) points or above.
- (b) Students who have been awarded the IB Diploma shall be awarded up to thirty (30) semester credits in the subject areas in which they scored four (4) or above on IB Diploma program examinations. The credits shall be awarded as follows:

- 1. Six (6) semester credits for each IB examination on which they scored five (5) or above.
- 2. Three (3) semester credits for each IB examination on which they scored four (4).
- (c) For students who completed IB Diploma program examinations before April 1993:
- 1. Three (3) semester credits shall be awarded in the subject areas of each IB higher level examination on which they scored four (4).
- 2. Six (6) semester credits shall be awarded in the subject areas of each IB higher level examination on which they scored five (5) or above.
- 3. One (1) semester credit shall be awarded in the subject areas of each IB subsidiary level examination on which they scored four (4).
- 4. Three (3) semester credits shall be awarded in the subject areas of each IB subsidiary level examination on which they scored five (5) or above.
- (12) Excelsior College Examinations, formerly known as the Regents College Examinations or the Proficiency Examination Program (PEP). Transfer of credit under terms of this rule is mandatory provided that the institution awarding the credit did so on the basis of the Articulation Coordinating Committee's recommended minimum scores and maximum amount of credit guaranteed to transfer with no letter grades or grade points assigned.
- (13) Defense Activity of Non-Traditional Education Support (DANTES) Subject Standardized Tests (DSSTs). Transfer of credit under terms of this rule is mandatory provided that the institution awarding the credit did so on the basis of the Articulation Coordinating Committee's recommended minimum scores and maximum amount of credit guaranteed to transfer with no letter grades or grade points assigned.
- (14) United States Armed Forces Institute (USAFI).
- (a) Credit earned through correspondence courses sponsored by USAFI may, but need not, be included under standard policies of the institutions. The standard policies of the institution prohibiting credit for overlapping courses shall apply.
- (b) Credit may be awarded for tests of General Education Development (GED) only when verified by CLEP scores.
- (c) Credit awarded on the basis of subject tests (USST) in collegiate subjects may be included provided that the scores are at the fiftieth (50th) percentile or above.
- (d) The institution awarding credit on the work sponsored by USAFI may, but need not, specify the course for which credit is being awarded. The standard policies of the institution prohibiting credit for overlapping courses shall apply.
- (e) No grade or quality points are to be assigned for credit awarded on the basis of work sponsored by USAFI.

- (f) No credit is to be awarded on work sponsored by USAFI which is duplicative of credit awarded by CLEP, College Board AP, or courses taken in the institution or received in transfer.
- (15) Alternatives to the College-Level Academic Skills Test. For purposes of Section 240.107(9)(a), Florida Statutes, the recentered Scholastic Achievement Test (SAT-I) or its equivalent on the original SAT, and the Enhanced American College Testing Program (ACT), or its equivalent on the original ACT, may be used to exempt the College-Level Academic Skills Test, as specified in Rule 6A-10.0311, FAC.
- (16) Pre-professional course responsibility. Lower division programs in state universities and community colleges may offer introductory courses to enable students to explore the principal professional specializations available at the baccalaureate level. Such courses shall be adequate in content to count toward the baccalaureate for students continuing in such specialization. However, deciding major course requirements for a baccalaureate, including courses in the major taken in the lower division, shall be the responsibility of the state university awarding the degree.
- (17) Limited access programs. Community college transfer students shall have the same opportunity to enroll in university limited access programs as native university students. University limited access program selection and enrollment criteria shall be established and published in catalogs, counseling manuals, and other appropriate publications. A list of limited access programs shall be filed annually with the Articulation Coordinating Committee.
- (18) A state university may accept non-associate in arts degree credit in transfer based on its evaluation of the applicability of the courses to the student's program at the university.
- (19) State universities and community colleges shall publish with precision and clarity in their official catalogs the admission, course, and prerequisite requirements of the institution, each unit of the institution, each program, and each specialization. Any applicable duration of requirements shall be specified. The university catalog in effect at the time of a student's initial collegiate enrollment shall govern upper division prerequisites, provided the student maintains continuous enrollment as defined in that catalog.
- (20) Standard transcript. The Articulation Coordinating Committee shall maintain a standard format for universities and community colleges to record the performance and credits of students. Each such transcript shall include all courses in which a student enrolls each term, the status in each course at the end of each term, all grades and credits awarded, College-Level Academic Skills Test scores, and a statement explaining the grading policy of the institution. The Articulation Coordinating Committee shall collaborate with the Division of Public Schools in the development of a standard format on which district school systems shall record the performance and credits of students.
- (21) By December 1, 1991, the Department and all public universities, community colleges, and school districts shall have implemented the electronic exchange of student transcripts and associated educational records, including acquisition of and access to

test scores of students, using the Florida Information Resource Network and following the procedures in the Florida Automated System for Transferring Educational Records section in "DOE Information Data Base Requirements: Volume I--Automated Student Information System," which is incorporated by reference in Rule 6A-1.0014, FAC.

- (22) When a student transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the common course designation and numbering system, the receiving institution shall award credit for courses satisfactorily completed at the previous participating institutions when the courses are judged by the appropriate common course designation and numbering system faculty task forces to be academically equivalent to courses offered at the receiving institution including equivalency of faculty credentials regardless of the public or nonpublic control of the previous institution. The award of credit may be limited to courses that are entered in the course numbering system. Credit so awarded shall satisfy institutional requirements on the same basis as credits awarded to native students.
- (23) All postsecondary courses offered for college credit, career and technical education credit, or college preparatory credit, as they are defined in Rule 6A-10.033, FAC., shall be entered in the common course designation and numbering system. Each course shall be assigned a single prefix and a single identifying number in the course numbering system.

Specific Authority 229.053(1), 240.115(1) FS. Law Implemented 228.093(3)(d), 229.053(2)(c), 229.551(1)(f), 229.555(2), 229.814(5), 240.115, 240.116, 246.013 FS. History - New 5-5-75, Amended 10-7-75, 6-8-76, 8-22-77, 12-26-77, 3-28-78, 5-10-78, 7-2-79, 2-27-80, 5-27-81, 1-6-83, 4-5-83, 6-28-83, 1-9-85, Formerly 6A-10.24, Amended 8-4-86, 5-18-88, 5-29-90, 7-30-91, 10-4-93, 5-3-94, 1-2-95, 9-30-96, 6-15-9, 12-13-99, 8-14-2000, 10-16-2001.