

**Memorandum of Understanding Between
Atlanta Technical College
and Clayton State University**

The purpose of this Memorandum of Understanding ("MOU") is to establish an agreement among the above-mentioned parties concerning their respective roles and responsibilities for implementation of an Articulation Agreement. Atlanta Technical College, a unit of the Technical College System of Georgia, and Clayton State University, a senior unit of the University System of Georgia, are executing this MOU in anticipation of entering into a future Articulation Agreement to articulate the course offerings in their Associate of Applied Science programs and Bachelor programs, starting in Fall 2024.. The parties have reached a mutual understanding on the following matters:

- Atlanta Technical College students who have graduated with their A.A.S. degree and complete certain other requirements as specified in the Articulation Agreement may gain admittance to Clayton State University, and
- Atlanta Technical College students who are admitted to Clayton State University pursuant to this Agreement may be assured that the courses specified in the Articulation Agreement will transfer to Clayton State University, and
- Atlanta Technical College students who are admitted to Clayton State University will be aware of what courses they must take in order to earn a bachelor's degree from Clayton State University.

In establishing this Memorandum of Understanding between Atlanta Technical College and Clayton State University, the two parties agree as follows:

Agreement in Principle:

Both parties agree to extend their best efforts to ensure that the transition for A.A.S. graduates at SACSCOC-accredited TCSG technical college, Atlanta Technical College, to the SACSCOC-accredited Bachelor programs at Clayton State University will be as smooth as possible for the students choosing to do so. This A.A.S/Bachelor programs articulation is designed to minimize loss of credit and course duplication.

Both parties enter into this MOU as cooperating, equal partners with the responsibility to maintain the integrity of their separate programs, to remain true to their institutional missions, and to maintain the spirit of this MOU and the Articulation Agreement.

Agreement on Communication:

Atlanta Technical College and Clayton State University agree to cooperate in communicating with each other and with their publics concerning the articulation relationship between the two

institutions. Communications may include common publications and announcements concerning their affiliation and the specific joint programs. Announcements of this articulation, of changes in the relationship, and of new programs will have a coordinated release to the public from both institutions. The institutions will encourage the dissemination of information about programs in this agreement with interested and qualified students, with both institutions providing advising and counseling to prospective students.

Agreement on Accreditation:

The Articulation Agreement will be contingent on both parties maintaining all applicable programs and institution accreditations, including SACSCOC accreditation and any other applicable accreditation. In the event of a loss of accreditation by either party, the other party may terminate this MOU and any Articulation Agreement upon written notice.

Agreement on Program Specifics:

The AAS/Bachelor program details shall be developed and attached to the planned Articulation Agreement. In principle the Program detail will indicate each of the following:

- The specific courses to be taken at Atlanta Technical College needed to complete the Associate of Applied Science degrees;
- The Atlanta Technical College/Clayton State University equivalence between courses that transfer pursuant to this agreement;
- The specific courses to be taken at Clayton State University to complete the bachelor's degree; and
- Other student performance criteria (e.g., course grades, overall GPA).

It is agreed by both parties that any Atlanta Technical College student who has successfully completed all requirements indicated in the program detail will, upon application, be accepted at Clayton State University and may transfer the credits referenced in that program detail toward the relevant program degree at Clayton State University. Details for admissions and specific programs are outlined in the appendices.

Agreement on Maintenance and Review:

At least one administrative or faculty member will be appointed from each participating institution to act as primary point of contact and agent for the Articulation Agreement, to speak for the institution and to communicate detail and modifications to respective faculty, advisors and others with interest at the individual institutions.

In the event that either institution elects or is required to amend the program detail, each party agrees to make every effort to accommodate the needs of the other party such that the articulation may be preserved.

In the event that either institution makes changes to programs, courses or curriculum, the other party will be informed in writing and given the opportunity to review the changes and amend the agreement in writing as needed in order to make certain that equivalent learning outcomes are being met.

Regular review of program sub-agreements, at intervals to be set by the two institutions, and in no case less frequently than every three years, will be required.

This MOU shall be in effect for a period of three (3) years. Termination of the MOU and any subsequent agreement may be invoked by either party with 180 days written notice. Students who begin a program prior to termination will be given three additional years to complete the Atlanta Technical College portion and to be admitted to Clayton State University.

Both institutions agree to provide whatever data is needed by the other institution to support accreditation requirements.

Amendments to this MOU and any subsequent agreements may be requested, in writing, by either party and approved by the authorized signatories.

The authorized representatives of each party signify their acceptance and approval of the terms of this Articulation Agreement by signing where indicated.

Signatures:

Atlanta Technical College



**Dr. Victoria Seals, President
Atlanta Technical College**

Clayton State University



**Dr. Georj Lewis, President
Clayton State University**

COLLEGE advisors regarding the use of the transfer support materials.

3. Services Provided to CLAYTON STATE UNIVERSITY by ATLANTA TECHNICAL COLLEGE.

3.1. ATLANTA TECHNICAL COLLEGE will provide the opportunity for CLAYTON STATE UNIVERSITY representatives to meet with the ATLANTA TECHNICAL COLLEGE's students and alumni to provide resources and information, including an annual virtual information session.

3.2. ATLANTA TECHNICAL COLLEGE will assist CLAYTON STATE UNIVERSITY in the distribution of updated degree and transfer materials to selected individuals.

4. Fees.

4.1. Unless expressly set forth herein, there are no fees for the services provided by CLAYTON STATE UNIVERSITY to the ATLANTA TECHNICAL COLLEGE. Both parties shall be responsible for their own costs associated with fulfilling its own services as defined herein.

APPENDIX B.

**Proposed specifications to the Atlanta Technical College and Clayton State
University Articulation Agreement**

AAS in Cybersecurity/Bachelor of Information Technology

Note: highlighted in yellow are courses offered in the AAS-Cybersecurity program. * indicates existing articulation between TCSG and USG.

ASS-Cybersecurity, ATC Equivalent Courses		CSU Curriculum, BIT	Cr Hr s
GENERAL EDUCATION CORE	15	IMPACTS CORE	42
		<i>Institutional Priority 4-5 credit hours</i>	
		CRIT 1101 Critical Thinking AND	3
		(COMM 1001 Presentational Speaking, OR	1
		COMM 1002 Presentation Applications, OR	1
SPCH 1101* Public Speaking	3	COMM 1110 Public Speaking, OR	3
		FREN 1002 Elementary French II, OR	3
		SPAN 1002 Elementary Spanish II)	3
		<i>Mathematics/Quantitative Skills 3 credit hours</i>	
MATH 1101* Mathematical Modeling (Area III)	3	MATH 1101 Intro to Mathematical Modeling, OR	3
MATH 1111* College Algebra	3	MATH 1111 College Algebra, OR	3
MATH 1112* College Trigonometry	3	MATH 1112 Trigonometry & Analytic Geometry, OR	3
MATH 1113* Precalculus	3	MATH 1113 Pre-Calculus, OR	3
MATH 1127* Introduction to Statistics	3	MATH 1401 Elementary Statistics, OR	3
MATH 1131* Calculus I	3	MATH 1501 Calculus I	4
		<i>Political Science & U.S. History (Citizenship) 6 credit hours</i>	
POLS 1101* American Government		POLS 1101 American Government, AND	3
HIST 2111* U.S. History I		(HIST 2111 Survey of US History to 1877, OR	3
HIST 2112* U.S. History II		HIST 2112 Survey of US History since Reconstruction)	3
		<i>Arts, Humanities & Ethics 6 credit hours</i>	
		(ENGL 2111 World Literature I-Pre-Modern, OR	3
		ENGL 2112 World Literature II-Modern, OR	3
		ENGL 2121 British Literature I, OR	3
		ENGL 2122 British Literature II, OR	3
ENGL 2130* American Literature	3	ENGL 2131 American Literature I, OR	3
		ENGL 2132 American Literature II, OR	3
		FREN 2001 Intermediate French I, OR	3
		FREN 2002 Intermediate French II, OR	3
		PHIL 2010 Introduction to Philosophy, OR	3
		PHIL 2030 Ethics/History/Contemporary Perspective, OR	3
		SPAN 2001 Intermediate Spanish I, OR	3
		SPAN 2002 Intermediate Spanish II) AND	3
ARTS 1101* Art Appreciation (Area IV)	3	(ART 1100 Art Appreciation, OR	3

		ART 2301 Art of the Pre-Modern World, OR	3
		ART 2302 Art of the Modern World, OR	3
		FILM 2100 Introduction to Film, OR	3
		FREN 2001 Intermediate French I, OR	3
		FREN 2002 Intermediate French II, OR	3
HUMN 1100 Introduction to Humanities (or 1101?)	3	HUMN 2111 Perspective on Arts and Humanities, OR	3
MUSC 1101* Music Appreciation	3	MUSC 2101 Music Appreciation, OR	3
		MUSC 2301 Introduction to World Music, OR	3
		PHIL 2040 Intro to Aesthetics, OR	3
		SPAN 2001 Intermediate Spanish I, OR	3
		SPAN 2002 Intermediate Spanish II, OR	3
THEA 1101* Theatre Appreciation	3	THEA 1100 Introduction to Theatre)	3
		Communicating in Writing 6 credit hours	
ENGL 1101* Composition and Rhetoric (Area I)	3	ENGL 1101 English Composition I	3
ENGL 1102* Literature and Composition	3	ENGL 1102 English Composition II	3
		Technology, Mathematics, & Science 10-11 credit hours	
		<i>Complete two (2) courses and one laboratory course from the following:</i>	
		ASTR 1010 Solar System Astronomy	3
		ASTR 1020 & 1020L Stellar and Galactic Astronomy and Astronomy Lab	4
		BIOL 1107 & 1107L Principles of Biology I & Principles of Biology Lab I	4
		BIOL 1108 & 1108L Principles of Biology II & Principles of Biology II Lab	4
BIOL 1111 Biology I	3	BIOL 1111 Introduction to Biology I	3
BIOL 1111L* Biology I Lab	1	BIOL 1111L Introduction to Biology Lab I	1
BIOL 1112* Biology II	3	BIOL 1112 Introduction to Biology II	3
CHEM 1151/L* Survey of Inorganic Chemistry & Lab	3/1	CHEM 1151 & 1151L Survey of Chemistry I & Survey of Chemistry Lab I	4
CHEM 1152* Survey of Organic Chemistry	3	CHEM 1152 Survey of Chemistry II	3
CHEM 1211/L Chemistry I & Lab	3/1	CHEM 1211 & 1211L Principles of Chemistry I & Principles of Chemistry Lab I	4
CHEM 1212 /L Chemistry II & Lab	3/1	CHEM 1212 & 1212L Principles of Chemistry II & Principles of Chemistry Lab II	4
		DATA 1501 Introduction to Data Science	3
		ENVS 2202 Environmental Science	3
		GEOL 1121 & 1121L Introductory Geosciences and Introductory Geosciences Lab	4
PHYS 1111 /L* Introductory Physics I & Lab	4	PHYS 1111 & 1111L Introductory Physics I and Introductory Physics Lab I	4
PHYS 1112 /L* Introductory Physics II & Lab	4	PHYS 1112 & 1112L Introductory Physics II and Introductory Physics Lab II	4
		PHYS 2211 & 2211L Principles of Physics I and Principles of Physics Lab I	4
		PHYS 2212 & 2212L Principles of Physics II and Principles of Physics Lab II	4
		<i>Complete an additional three (3) hours from the following:</i>	
		CSCI 1300 Computational Thinking & Coding	3
		CSCI 1301 Computer Science I	3
		CSCI 1302 Computer Science II	3

		DATA 1501 Introduction to Data Science	3
		ENVS 2202 Environmental Science	3
		GEO 1121 & 1121L Introductory Geosciences and Introductory Geosciences Lab	4
		ITFN 1101 Information Technology	3
MATH 1112* College Trigonometry	3	MATH 1112 Trigonometry & Analytic Geometry	3
		MATH 1221 Finite Mathematics	3
MATH 1127* Introduction to Statistics	3	MATH 1401 Elementary Statistics	3
MATH 1113* Precalculus	3	MATH 1113 Pre-Calculus	3
MATH 1131* Calculus I	3	MATH 1501 Calculus I	4*
		MATH 2140 Introductory Linear Algebra	3
		MATH 2502 Calculus II	4*
		SCI 1901 Selected Topics in Science	3
		MATH 1501 and 2502 are a 4 credit hours course. The remaining one credit will count toward free electives.	
		Social Sciences 6 credit hours	
		<i>Choose one (1) World History Course from the following:</i>	
HIST 1111* World History I (Area V)	3	HIST 1111 Survey-Pre-Modern World History	3
HIST 1112* World History II	3	HIST 1112 Survey of Modern World History	3
		HIST 2750 Critical Trends and Issues	3
		*POLS 2401 Intro to Global Issues	3
		<i>Choose one (1) Behavioral Sciences Course from the following:</i>	
		AFAM 2010 Intro-African American Studies	3
ECON 1101* Principles of Economics (Area II)	3	ECON 1101 Survey of Economics	3
ECON 2105* Macroeconomics	3	ECON 2105 Principles of Macroeconomics	3
ECON 2106* Microeconomics	3	ECON 2106 Principles of Microeconomics	3
PSYC 1101* Introductory Psychology	3	PSYC 1101 Intro to General Psychology	3
		PSYC 2103 Introduction to Human Development	3
SOCI 1101* Introduction to Sociology	3	SOCI 1101 Introduction to Sociology	3
		WST 2010 Intro to Women's Studies	3
OCCUPATIONAL COURSES		LOWER DIVISION MAJOR REQUIREMENTS - 18 hours required	
CIST 1001 Computer Concepts	4	ITFN 1101 Foundations-Information Tech.	3
		ITFN 1201 Foundations of Database Design	3
		CSCI 1301 Computer Science I	3
		CSCI 1302 Computer Science II	3
		ITFN 2214 Web Application Development	3
		Choose one from the following:	3
		MATH 1401 Elementary Statistics	3
		MATH 2020 Introductory Discrete Math	3
		MATH 2502 Calculus II*	4
		*MATH 2502 is a 4 credit hours courses. The remaining one credit will count toward free electives	
		LOWER DIVISION MAJOR REQUIREMENTS (IT Foundations) – 9 hours	
		ITFN 1401 Foundations of Webmaster	3
CIST 1401 Computer Networking Fundamentals	4	ITFN 1502 Fnds. of Networking & Security	3
CIST 2602 Network Security	4	ITFN 2512 Intern. Networking & Security	3

		UPPER DIVISION MAJOR REQUIREMENTS – 27 hours	
CIST 2613 Ethical Hacking and Penetration Testing	4	ITFN 3003 Professional Dev. and Ethics	3
		ITFN 3103 Human-Computer Interaction	3
		ITFN 3112 System Analysis and Design	3
		ITFN 3144 Informatics Project Management	3
CIST 1601 (Information Security Fundamentals) and CIST 1602 (Security Policies and Procedures)	6	ITFN 3316 SW Security, Testing, and QA	3
		ITFN 3601 Operating Systems	3
		ITFN 4014 Internship Cooperative	3
		ITFN 4154 Informatics Integration	3
		ITFN 4433 Web Integration	3
		MAJOR CONCENTRATION – SELECT ONE OF THE FOLLOWING AREAS OF EMPHASIS-9 hours	
		Database Administration Concentration	
		ITDB 4201 Advanced Database Modeling	3
		ITDB 4202 Database Applications	3
		ITDB 4203 Database Admin & Architecture	3
		Networking and Security Concentration	
CIST Networking Elective 1 &2 CIST 2441-Computer Networking for Home and Small Businesses & CIST 2451 Introduction to Networks - CISCO	8	ITNW 4501 Network Planning and Design	3
		ITNW 4502 Secure Networks & Comm. Protoc	3
		ITMM 4423 Security for E-Commerce	3
		Security for Financial Technology Concentration	
		FTA 4001 Foundations of Fintech	3
		FTA 4002 Financial Technologies	3
		FTA 4100 Intro to Info Security FinTech	3
		Informatics Concentration	
		Choose nine hours of upper division courses in a single discipline or in a recognized minor program at Clayton State. Students should use Free Electives to satisfy any prerequisites for upper division coursework in an Informatics Concentration. (example: Health Informatics Concentration)	
		HCMG 3101 Intro to Health Systems Mgmt.	3
		HCMG 3340 Healthcare Information Tech.	3
		HCMG 3501 Health Care Systems/TQM	3
		UPPER DIVISION IT ELECTIVES – 3 hours (ITFN 3xxx or 4xxx)	
CIST 2601 Implementing Operating Systems Security	4	ITFN 4601 OS Security, Programming and Administration	3
		FREE ELECTIVES – 12 hours Four 1000- to 4000-level classes	

CIST Networking Elective 3	3		3
CIST 2611 Network Defense and Countermeasures	4		3
CIST 2612 Computer Forensics	4		3
CIST 1122 Hardware Installation and Maintenance	4		3
Total Possible Transferable = 67 Total Hours Transferable from AAS-Cybersecurity = 48 hours MINIMUM GRADE OF C REQUIRED IN ALL TRANSFERRED COURSES		Total Hours for BIT Degree=120 hours MINIMUM 2.0 GPA IS REQUIRED TO EARN DEGREE	

Notes:

- This Articulation Agreement is only applicable to graduates of ATC's A.A.S. in Cybersecurity.
- Of the 67 total possible hours transferable from ATC, 48 hours are currently a part of ATC's A.A.S. in Cybersecurity curriculum. CSU will award credits for the remainder of the courses if a student has completed them successfully at ATC.
- Of the courses listed on the attached ATC curriculum, the following classes will NOT be accepted for transfer credit for the Bachelor of Information Technology at CSU:
 - COMP 1000 Introduction to Computer Literacy
- Transfer students must comply with CSU residency requirements: A minimum of 30 semester credit hours in residence at Clayton State University. At least 21 of the 30 must be upper division hours counted toward program requirements other than free electives.

**Proposed specifications to the Atlanta Technical College and Clayton State
University Articulation Agreement
AAS in Computer Programming/Bachelor of Information Technology**

Note: highlighted in yellow are courses offered in the AAS-Computer Programming program. * indicates existing articulation between TCSG and USG.

ASS-Computer Programming, ATC Equivalent Courses		CSU Curriculum, BIT	Cr Hr s
GENERAL EDUCATION CORE	15	IMPACTS CORE	42
		<i>Institutional Priority 4-5 credit hours</i>	
		CRIT 1101 Critical Thinking AND	3
		(COMM 1001 Presentational Speaking, OR	1
		COMM 1002 Presentation Applications, OR	1
SPCH 1101* Public Speaking	3	COMM 1110 Public Speaking, OR	3
		FREN 1002 Elementary French II, OR	3
		SPAN 1002 Elementary Spanish II)	3
		<i>Mathematics/Quantitative Skills 3 credit hours</i>	
MATH 1101* Mathematical Modeling (Area III)	3	MATH 1101 Intro to Mathematical Modeling, OR	3
MATH 1111* College Algebra	3	MATH 1111 College Algebra, OR	3
MATH 1112* College Trigonometry	3	MATH 1112 Trigonometry & Analytic Geometry, OR	3
MATH 1113* Precalculus	3	MATH 1113 Pre-Calculus, OR	3
MATH 1127* Introduction to Statistics	3	MATH 1401 Elementary Statistics, OR	3
MATH 1131* Calculus I	3	MATH 1501 Calculus 1	4
		<i>Political Science & U.S. History (Citizenship) 6 credit hours</i>	
POLS 1101* American Government		POLS 1101 American Government, AND	3
HIST 2111* U.S. History I		(HIST 2111 Survey of US History to 1877, OR	3
HIST 2112* U.S. History II		HIST 2112 Survey of US History since Reconstruction)	3
		<i>Arts, Humanities & Ethics 6 credit hours</i>	
		(ENGL 2111 World Literature I-Pre-Modern, OR	3
		ENGL 2112 World Literature II-Modern, OR	3
		ENGL 2121 British Literature I, OR	3
		ENGL 2122 British Literature II, OR	3
ENGL 2130* American Literature	3	ENGL 2131 American Literature I, OR	3
		ENGL 2132 American Literature II, OR	3
		FREN 2001 Intermediate French I, OR	3
		FREN 2002 Intermediate French II, OR	3
		PHIL 2010 Introduction to Philosophy, OR	3
		PHIL 2030 Ethics/History/Contemporary Perspective, OR	3
		SPAN 2001 Intermediate Spanish I, OR	3
		SPAN 2002 Intermediate Spanish II) AND	3
ARTS 1101* Art Appreciation (Area IV)	3	(ART 1100 Art Appreciation, OR	3
		ART 2301 Art of the Pre-Modern World, OR	3

		ART 2302 Art of the Modern World, OR	3
		FILM 2100 Introduction to Film, OR	3
		FREN 2001 Intermediate French I, OR	3
		FREN 2002 Intermediate French II, OR	3
HUMN 1100 Introduction to Humanities (or 1101)	3	HUMN 2111 Perspective on Arts and Humanities, OR	3
MUSC 1101* Music Appreciation	3	MUSC 2101 Music Appreciation, OR	3
		MUSC 2301 Introduction to World Music, OR	3
		PHIL 2040 Intro to Aesthetics, OR	3
		SPAN 2001 Intermediate Spanish I, OR	3
		SPAN 2002 Intermediate Spanish II, OR	3
THEA 1101* Theatre Appreciation	3	THEA 1100 Introduction to Theatre)	3
		<i>Communicating in Writing 6 credit hours</i>	
ENGL 1101* Composition and Rhetoric (Area I)	3	ENGL 1101 English Composition I	3
ENGL 1102* Literature and Composition	3	ENGL 1102 English Composition II	3
		<i>Technology, Mathematics, & Science 10-11 credit hours</i>	
		<i>Complete two (2) courses and one laboratory course from the following:</i>	
		ASTR 1010 Solar System Astronomy	3
		ASTR 1020 & 1020L Stellar and Galactic Astronomy and Astronomy Lab	4
		BIOL 1107 & 1107L Principles of Biology I & Principles of Biology Lab I	4
		BIOL 1108 & 1108L Principles of Biology II & Principles of Biology II Lab	4
BIOL 1111 Biology I	3	BIOL 1111 Introduction to Biology I	3
BIOL 1111L* Biology I Lab	1	BIOL 1111L Introduction to Biology Lab I	1
BIOL 1112* Biology II	3	BIOL 1112 Introduction to Biology II	3
CHEM 1151/L* Survey of Inorganic Chemistry & Lab	3/1	CHEM 1151 & 1151L Survey of Chemistry I & Survey of Chemistry Lab I	4
CHEM 1152* Survey of Organic Chemistry	3	CHEM 1152 Survey of Chemistry II	3
CHEM 1211/L Chemistry I & Lab	3/1	CHEM 1211 & 1211L Principles of Chemistry I & Principles of Chemistry Lab I	4
CHEM 1212 /L Chemistry II & Lab	3/1	CHEM 1212 & 1212L Principles of Chemistry II & Principles of Chemistry Lab II	4
		DATA 1501 Introduction to Data Science	3
		ENVS 2202 Environmental Science	3
		GEOL 1121 & 1121L Introductory Geosciences and Introductory Geosciences Lab	4
PHYS 1111 /L* Introductory Physics I & Lab	4	PHYS 1111 & 1111L Introductory Physics I and Introductory Physics Lab I	4
PHYS 1112 /L* Introductory Physics II & Lab	4	PHYS 1112 & 1112L Introductory Physics II and Introductory Physics Lab II	4
		PHYS 2211 & 2211L Principles of Physics I and Principles of Physics Lab I	4
		PHYS 2212 & 2212L Principles of Physics II and Principles of Physics Lab II	4
		<i>Complete an additional three (3) hours from the following:</i>	
		CSCI 1300 Computational Thinking & Coding	3
		CSCI 1301 Computer Science I	3
		CSCI 1302 Computer Science II	3
		DATA 1501 Introduction to Data Science	3

		ENVS 2202 Environmental Science	3
		GEO 1121 & 1121L Introductory Geosciences and Introductory Geosciences Lab	4
		ITFN 1101 Information Technology	3
MATH 1112* College Trigonometry	3	MATH 1112 Trigonometry & Analytic Geometry	3
		MATH 1221 Finite Mathematics	3
MATH 1127* Introduction to Statistics	3	MATH 1401 Elementary Statistics	3
MATH 1113* Precalculus	3	MATH 1113 Pre-Calculus	3
MATH 1131* Calculus I	3	MATH 1501 Calculus I	4*
		MATH 2140 Introductory Linear Algebra	3
		MATH 2502 Calculus II	4*
		SCI 1901 Selected Topics in Science	3
		MATH 1501 and 2502 are a 4 credit hours course. The remaining one credit will count toward free electives.	
		Social Sciences 6 credit hours	
		<i>Choose one (1) World History Course from the following:</i>	
HIST 1111* World History I (Area V)	3	HIST 1111 Survey-Pre-Modern World History	3
HIST 1112* World History II	3	HIST 1112 Survey of Modern World History	3
		HIST 2750 Critical Trends and Issues	3
		*POLS 2401 Intro to Global Issues	3
		<i>Choose one (1) Behavioral Sciences Course from the following:</i>	
		AFAM 2010 Intro-African American Studies	3
ECON 1101* Principles of Economics (Area II)	3	ECON 1101 Survey of Economics	3
ECON 2105* Macroeconomics	3	ECON 2105 Principles of Macroeconomics	3
ECON 2106* Microeconomics	3	ECON 2106 Principles of Microeconomics	3
PSYC 1101* Introductory Psychology	3	PSYC 1101 Intro to General Psychology	3
		PSYC 2103 Introduction to Human Development	3
SOCI 1101* Introduction to Sociology	3	SOCI 1101 Introduction to Sociology	3
		WST 2010 Intro to Women's Studies	3
OCCUPATIONAL COURSES		LOWER DIVISION MAJOR REQUIREMENTS - 18 hours required	
CIST 1001 Computer Concepts	4	ITFN 1101 Foundations-Information Tech.	3
CIST 1220 Structured Query Language (SQL) or CIST 1210 - Introduction to Oracle Databases	4	ITFN 1201 Foundations of Database Design	3
CIST 2371 Java Programming I or CIST 2361 C++ Programming I	4	CSCI 1301 Computer Science I	3
CIST 2372 Java Programming II or CIST 2362 C++ Programming II	4	CSCI 1302 Computer Science II	3
CIST 2570 - Open Source Web Application Programming I	4	ITFN 2214 Web Application Development	3
		Choose one from the following:	3
		MATH 1401 Elementary Statistics	3
		MATH 2020 Introductory Discrete Math	3
		MATH 2502 Calculus II*	4
		*MATH 2502 is a 4 credit hours courses. The remaining one credit will count toward free electives	
		LOWER DIVISION MAJOR REQUIREMENTS (IT Foundations) – 9 hours	
CIST 1510 - Web Development I	3	ITFN 1401 Foundations of Webmaster	3

		ITFN 1502 Fnds. of Networking & Security	3
		ITFN 2512 Interm. Networking & Security	3
		UPPER DIVISION MAJOR REQUIREMENTS – 27 hours	
		ITFN 3003 Professional Dev. and Ethics	3
		ITFN 3103 Human-Computer Interaction	3
CIST 2921 IT Analysis, Design, and Project Management	4	ITFN 3112 System Analysis and Design	3
		ITFN 3144 Informatics Project Management	3
		ITFN 3316 SW Security, Testing, and QA	3
		ITFN 3601 Operating Systems	3
		ITFN 4014 Internship Cooperative	3
		ITFN 4154 Informatics Integration	3
		ITFN 4433 Web Integration	3
		MAJOR CONCENTRATION – SELECT ONE OF THE FOLLOWING AREAS OF EMPHASIS-9 hours	
		Database Administration Concentration	
		ITDB 4201 Advanced Database Modeling	3
		ITDB 4202 Database Applications	3
		ITDB 4203 Database Admin & Architecture	3
		Networking and Security Concentration	
		ITNW 4501 Network Planning and Design	3
		ITNW 4502 Secure Networks & Comm. Protoc	3
		ITMM 4423 Security for E-Commerce	3
		Security for Financial Technology Concentration	
		FTA 4001 Foundations of Fintech	3
		FTA 4002 Financial Technologies	3
		FTA 4100 Intro to Info Security FinTech	3
		Informatics Concentration	
		Choose nine hours of upper division courses in a single discipline or in a recognized minor program at Clayton State. Students should use Free Electives to satisfy any prerequisites for upper division coursework in an Informatics Concentration. (example: Health Informatics Concentration)	
		HCMG 3101 Intro to Health Systems Mgmt.	3
		HCMG 3340 Healthcare Information Tech.	3
		HCMG 3501 Health Care Systems/TQM	3
		UPPER DIVISION IT ELECTIVES – 3 hours (ITFN 3xxx or 4xxx)	
		ITFN 4601 OS Security, Programming and Administration	3
		FREE ELECTIVES – 12 hours Four 1000- to 4000-level classes	

Total Possible Transferable = 61 Total Hours Transferable from AAS-Programming = 51 hours MINIMUM GRADE OF C REQUIRED IN ALL TRANSFERRED COURSES	Total Hours for BIT Degree=120 hours MINIMUM 2.0 GPA IS REQUIRED TO EARN DEGREE		

Notes:

- This Articulation Agreement is only applicable to graduates of ATC's A.A.S. in Computer Programming.
- Of the 61 total possible hours transferable from ATC, 51 hours are currently a part of ATC's A.A.S. in Computer Programming curriculum. CSU will award credits for the remainder of the courses if a student has completed them successfully at ATC.
- Of the courses listed on the attached ATC curriculum, the following classes will NOT be accepted for transfer credit for the Bachelor of Information Technology at CSU:
 - COMP 1000 Introduction to Computer Literacy
- Transfer students must comply with CSU residency requirements: A minimum of 30 semester credit hours in residence at Clayton State University. At least 21 of the 30 must be upper division hours counted toward program requirements other than free electives.

**Atlanta Technical College and Clayton State University Articulation Agreement
AAS in Database specialist/Bachelor of Information Technology**

Note: highlighted in yellow are courses offered in the AAS-Database Specialist program. * indicates existing articulation between TCSG and USG.

ASS-Database Specialist, ATC Equivalent Courses		CSU Curriculum, BIT	Cr Hr s
GENERAL EDUCATION CORE	15	IMPACTS CORE	42
		<i>Institutional Priority 4-5 credit hours</i>	
		CRIT 1101 Critical Thinking AND	3
		(COMM 1001 Presentational Speaking, OR	1
		COMM 1002 Presentation Applications, OR	1
SPCH 1101* Public Speaking	3	COMM 1110 Public Speaking, OR	3
		FREN 1002 Elementary French II, OR	3
		SPAN 1002 Elementary Spanish II)	3
		<i>Mathematics/Quantitative Skills 3 credit hours</i>	
MATH 1101* Mathematical Modeling (Area III)	3	MATH 1101 Intro to Mathematical Modeling, OR	3
MATH 1111* College Algebra	3	MATH 1111 College Algebra, OR	3
MATH 1112* College Trigonometry	3	MATH 1112 Trigonometry & Analytic Geometry, OR	3
MATH 1113* Precalculus	3	MATH 1113 Pre-Calculus, OR	3
MATH 1127* Introduction to Statistics	3	MATH 1401 Elementary Statistics, OR	3
MATH 1131* Calculus I	3	MATH 1501 Calculus I	4
		<i>Political Science & U.S. History (Citizenship) 6 credit hours</i>	
POLS 1101* American Government		POLS 1101 American Government, AND	3
HIST 2111* U.S. History I		(HIST 2111 Survey of US History to 1877, OR	3
HIST 2112* U.S. History II		HIST 2112 Survey of US History since Reconstruction)	3
		<i>Arts, Humanities & Ethics 6 credit hours</i>	
		(ENGL 2111 World Literature I-Pre-Modern, OR	3
		ENGL 2112 World Literature II-Modern, OR	3
		ENGL 2121 British Literature I, OR	3
		ENGL 2122 British Literature II, OR	3
ENGL 2130* American Literature	3	ENGL 2131 American Literature I, OR	3
		ENGL 2132 American Literature II, OR	3
		FREN 2001 Intermediate French I, OR	3
		FREN 2002 Intermediate French II, OR	3
		PHIL 2010 Introduction to Philosophy, OR	3
		PHIL 2030 Ethics/History/Contemporary Perspective, OR	3
		SPAN 2001 Intermediate Spanish I, OR	3
		SPAN 2002 Intermediate Spanish II) AND	3
ARTS 1101* Art Appreciation (Area IV)	3	(ART 1100 Art Appreciation, OR	3
		ART 2301 Art of the Pre-Modern World, OR	3
		ART 2302 Art of the Modern World, OR	3

		FILM 2100 Introduction to Film, OR	3
		FREN 2001 Intermediate French I, OR	3
		FREN 2002 Intermediate French II, OR	3
HUMN 1100 Introduction to Humanities (or 1101?)	3	HUMN 2111 Perspective on Arts and Humanities, OR	3
MUSC 1101* Music Appreciation	3	MUSC 2101 Music Appreciation, OR	3
		MUSC 2301 Introduction to World Music, OR	3
		PHIL 2040 Intro to Aesthetics, OR	3
		SPAN 2001 Intermediate Spanish I, OR	3
		SPAN 2002 Intermediate Spanish II, OR	3
THEA 1101* Theatre Appreciation	3	THEA 1100 Introduction to Theatre)	3
		Communicating in Writing 6 credit hours	
ENGL 1101* Composition and Rhetoric (Area I)	3	ENGL 1101 English Composition I	3
ENGL 1102* Literature and Composition	3	ENGL 1102 English Composition II	3
		Technology, Mathematics, & Science 10-11 credit hours	
		<i>Complete two (2) courses and one laboratory course from the following:</i>	
		ASTR 1010 Solar System Astronomy	3
		ASTR 1020 & 1020L Stellar and Galactic Astronomy and Astronomy Lab	4
		BIOL 1107 & 1107L Principles of Biology I & Principles of Biology Lab I	4
		BIOL 1108 & 1108L Principles of Biology II & Principles of Biology II Lab	4
BIOL 1111 Biology I	3	BIOL 1111 Introduction to Biology I	3
BIOL 1111L* Biology I Lab	1	BIOL 1111L Introduction to Biology Lab I	1
BIOL 1112* Biology II	3	BIOL 1112 Introduction to Biology II	3
CHEM 1151/L* Survey of Inorganic Chemistry & Lab	3/1	CHEM 1151 & 1151L Survey of Chemistry I & Survey of Chemistry Lab I	4
CHEM 1152* Survey of Organic Chemistry	3	CHEM 1152 Survey of Chemistry II	3
CHEM 1211/L Chemistry I & Lab	3/1	CHEM 1211 & 1211L Principles of Chemistry I & Principles of Chemistry Lab I	4
CHEM 1212 /L Chemistry II & Lab	3/1	CHEM 1212 & 1212L Principles of Chemistry II & Principles of Chemistry Lab II	4
		DATA 1501 Introduction to Data Science	3
		ENVS 2202 Environmental Science	3
		GEOG 1121 & 1121L Introductory Geosciences and Introductory Geosciences Lab	4
PHYS 1111 /L* Introductory Physics I & Lab	4	PHYS 1111 & 1111L Introductory Physics I and Introductory Physics Lab I	4
PHYS 1112 /L* Introductory Physics II & Lab	4	PHYS 1112 & 1112L Introductory Physics II and Introductory Physics Lab II	4
		PHYS 2211 & 2211L Principles of Physics I and Principles of Physics Lab I	4
		PHYS 2212 & 2212L Principles of Physics II and Principles of Physics Lab II	4
		<i>Complete an additional three (3) hours from the following:</i>	
		CSCI 1300 Computational Thinking & Coding	3
		CSCI 1301 Computer Science I	3
		CSCI 1302 Computer Science II	3
		DATA 1501 Introduction to Data Science	3
		ENVS 2202 Environmental Science	3

		GEO 1121 & 1121L Introductory Geosciences and Introductory Geosciences Lab	4
		ITFN 1101 Information Technology	3
MATH 1112* College Trigonometry	3	MATH 1112 Trigonometry & Analytic Geometry	3
		MATH 1221 Finite Mathematics	3
MATH 1127* Introduction to Statistics	3	MATH 1401 Elementary Statistics	3
MATH 1113* Precalculus	3	MATH 1113 Pre-Calculus	3
MATH 1131* Calculus I	3	MATH 1501 Calculus I	4*
		MATH 2140 Introductory Linear Algebra	3
		MATH 2502 Calculus II	4*
		SCI 1901 Selected Topics in Science	3
		MATH 1501 and 2502 are a 4 credit hours course. The remaining one credit will count toward free electives.	
		Social Sciences 6 credit hours	
		<i>Choose one (1) World History Course from the following:</i>	
HIST 1111* World History I (Area V)	3	HIST 1111 Survey-Pre-Modern World History	3
HIST 1112* World History II	3	HIST 1112 Survey of Modern World History	3
		HIST 2750 Critical Trends and Issues	3
		*POLS 2401 Intro to Global Issues	3
		<i>Choose one (1) Behavioral Sciences Course from the following:</i>	
		AFAM 2010 Intro-African American Studies	3
ECON 1101* Principles of Economics (Area II)	3	ECON 1101 Survey of Economics	3
ECON 2105* Macroeconomics	3	ECON 2105 Principles of Macroeconomics	3
ECON 2106* Microeconomics	3	ECON 2106 Principles of Microeconomics	3
PSYC 1101* Introductory Psychology	3	PSYC 1101 Intro to General Psychology	3
		PSYC 2103 Introduction to Human Development	3
SOCI 1101* Introduction to Sociology	3	SOCI 1101 Introduction to Sociology	3
		WST 2010 Intro to Women's Studies	3
OCCUPATIONAL COURSES		LOWER DIVISION MAJOR REQUIREMENTS - 18 hours required	
CIST 1001 Computer Concepts	4	ITFN 1101 Foundations-Information Tech.	3
CIST 1200 - Database Management	4	ITFN 1201 Foundations of Database Design	3
CIST 2371 Java Programming I or CIST 2361 C++ Programming I	4	CSCI 1301 Computer Science I	3
		CSCI 1302 Computer Science II	3
		ITFN 2214 Web Application Development	3
		Choose one from the following:	3
		MATH 1401 Elementary Statistics	3
		MATH 2020 Introductory Discrete Math	3
		MATH 2502 Calculus II*	4
		*MATH 2502 is a 4 credit hours courses. The remaining one credit will count toward free electives	
		LOWER DIVISION MAJOR REQUIREMENTS (IT Foundations) – 9 hours	
		ITFN 1401 Foundations of Webmaster	3
		ITFN 1502 Fnds. of Networking & Security	3
		ITFN 2512 Interm. Networking & Security	3
		UPPER DIVISION MAJOR REQUIREMENTS – 27 hours	

		ITFN 3003	Professional Dev. and Ethics	3
		ITFN 3103	Human-Computer Interaction	3
CIST 2921 IT Analysis, Design, and Project Management	4	ITFN 3112	System Analysis and Design	3
		ITFN 3144	Informatics Project Management	3
		ITFN 3316	SW Security, Testing, and QA	3
		ITFN 3601	Operating Systems	3
		ITFN 4014	Internship Cooperative	3
		ITFN 4154	Informatics Integration	3
		ITFN 4433	Web Integration	3
		MAJOR CONCENTRATION – SELECT ONE OF THE FOLLOWING AREAS OF EMPHASIS-9 hours		
		Database Administration Concentration		
		ITDB 4201	Advanced Database Modeling	3
		ITDB 4202	Database Applications	3
		ITDB 4203	Database Admin & Architecture	3
		Networking and Security Concentration		
		ITNW 4501	Network Planning and Design	3
		ITNW 4502	Secure Networks & Comm. Protoc	3
		ITMM 4423	Security for E-Commerce	3
		Security for Financial Technology Concentration		
		FTA 4001	Foundations of Fintech	3
		FTA 4002	Financial Technologies	3
		FTA 4100	Intro to Info Security FinTech	3
		Informatics Concentration		
		Choose nine hours of upper division courses in a single discipline or in a recognized minor program at Clayton State. Students should use Free Electives to satisfy any prerequisites for upper division coursework in an Informatics Concentration. (example: Health Informatics Concentration)		
		HCMG 3101	Intro to Health Systems Mgmt.	3
		HCMG 3340	Healthcare Information Tech.	3
		HCMG 3501	Health Care Systems/TQM	3
		UPPER DIVISION IT ELECTIVES – 3 hours (ITFN 3xxx or 4xxx)		
		ITFN 4601	OS Security, Programming and Administration	3
		FREE ELECTIVES – 12 hours Four 1000- to 4000-level classes		

Total Possible Transferable = 47 Total Hours Transferable from AAS-Database Specialist = 32 hours MINIMUM GRADE OF C REQUIRED IN ALL TRANSFERRED COURSES		Total Hours for BIT Degree=120 hours MINIMUM 2.0 GPA IS REQUIRED TO EARN DEGREE	

Notes:

- This Articulation Agreement is only applicable to graduates of ATC's A.A.S. in Cybersecurity.
- Of the 47 total possible hours transferable from ATC, 32 hours are currently a part of ATC's A.A.S. in Database Specialist curriculum. CSU will award credits for the remainder of the courses if a student has completed them successfully at ATC.
- Of the courses listed on the attached ATC curriculum, the following classes will NOT be accepted for transfer credit for the Bachelor of Information Technology at CSU:
 - COMP 1000 Introduction to Computer Literacy
- Transfer students must comply with CSU residency requirements: A minimum of 30 semester credit hours in residence at Clayton State University. At least 21 of the 30 must be upper division hours counted toward program requirements other than free electives.

**Atlanta Technical College and Clayton State University Articulation Agreement
AAS in Networking Specialist/Bachelor of Information Technology**

Note: highlighted in yellow are courses offered in the AAS-Networking Specialist program. * indicates existing articulation between TCSG and USG.

ASS-Networking Specialist, ATC Equivalent Courses		CSU Curriculum, BIT	Cr Hr s
GENERAL EDUCATION CORE	15	IMPACTS CORE	42
		<i>Institutional Priority 4-5 credit hours</i>	
		CRIT 1101 Critical Thinking AND	3
		(COMM 1001 Presentational Speaking, OR	1
		COMM 1002 Presentation Applications, OR	1
SPCH 1101* Public Speaking	3	COMM 1110 Public Speaking, OR	3
		FREN 1002 Elementary French II, OR	3
		SPAN 1002 Elementary Spanish II)	3
		<i>Mathematics/Quantitative Skills 3 credit hours</i>	
MATH 1101* Mathematical Modeling (Area III)	3	MATH 1101 Intro to Mathematical Modeling, OR	3
MATH 1111* College Algebra	3	MATH 1111 College Algebra, OR	3
MATH 1112* College Trigonometry	3	MATH 1112 Trigonometry & Analytic Geometry, OR	3
MATH 1113* Precalculus	3	MATH 1113 Pre-Calculus, OR	3
MATH 1127* Introduction to Statistics	3	MATH 1401 Elementary Statistics, OR	3
MATH 1131* Calculus I	3	MATH 1501 Calculus I	4
		<i>Political Science & U.S. History (Citizenship) 6 credit hours</i>	
POLS 1101* American Government		POLS 1101 American Government, AND	3
HIST 2111* U.S. History I		(HIST 2111 Survey of US History to 1877, OR	3
HIST 2112* U.S. History II		HIST 2112 Survey of US History since Reconstruction)	3
		<i>Arts, Humanities & Ethics 6 credit hours</i>	
		(ENGL 2111 World Literature I-Pre-Modern, OR	3
		ENGL 2112 World Literature II-Modern, OR	3
		ENGL 2121 British Literature I, OR	3
		ENGL 2122 British Literature II, OR	3
ENGL 2130* American Literature	3	ENGL 2131 American Literature I, OR	3
		ENGL 2132 American Literature II, OR	3
		FREN 2001 Intermediate French I, OR	3
		FREN 2002 Intermediate French II, OR	3
		PHIL 2010 Introduction to Philosophy, OR	3
		PHIL 2030 Ethics/History/Contemporary Perspective, OR	3
		SPAN 2001 Intermediate Spanish I, OR	3
		SPAN 2002 Intermediate Spanish II) AND	3
ARTS 1101* Art Appreciation (Area IV)	3	(ART 1100 Art Appreciation, OR	3
		ART 2301 Art of the Pre-Modern World, OR	3
		ART 2302 Art of the Modern World, OR	3

		FILM 2100 Introduction to Film, OR	3
		FREN 2001 Intermediate French I, OR	3
		FREN 2002 Intermediate French II, OR	3
HUMN 1100 Introduction to Humanities (or 1101?)	3	HUMN 2111 Perspective on Arts and Humanities, OR	3
MUSC 1101* Music Appreciation	3	MUSC 2101 Music Appreciation, OR	3
		MUSC 2301 Introduction to World Music, OR	3
		PHIL 2040 Intro to Aesthetics, OR	3
		SPAN 2001 Intermediate Spanish I, OR	3
		SPAN 2002 Intermediate Spanish II, OR	3
THEA 1101* Theatre Appreciation	3	THEA 1100 Introduction to Theatre)	3
		Communicating in Writing 6 credit hours	
ENGL 1101* Composition and Rhetoric (Area I)	3	ENGL 1101 English Composition I	3
ENGL 1102* Literature and Composition	3	ENGL 1102 English Composition II	3
		Technology, Mathematics, & Science 10-11 credit hours	
		<i>Complete two (2) courses and one laboratory course from the following:</i>	
		ASTR 1010 Solar System Astronomy	3
		ASTR 1020 & 1020L Stellar and Galactic Astronomy and Astronomy Lab	4
		BIOL 1107 & 1107L Principles of Biology I & Principles of Biology Lab I	4
		BIOL 1108 & 1108L Principles of Biology II & Principles of Biology II Lab	4
BIOL 1111 Biology I	3	BIOL 1111 Introduction to Biology I	3
BIOL 1111L* Biology I Lab	1	BIOL 1111L Introduction to Biology Lab I	1
BIOL 1112* Biology II	3	BIOL 1112 Introduction to Biology II	3
CHEM 1151/L* Survey of Inorganic Chemistry & Lab	3/1	CHEM 1151 & 1151L Survey of Chemistry I & Survey of Chemistry Lab I	4
CHEM 1152* Survey of Organic Chemistry	3	CHEM 1152 Survey of Chemistry II	3
CHEM 1211/L Chemistry I & Lab	3/1	CHEM 1211 & 1211L Principles of Chemistry I & Principles of Chemistry Lab I	4
CHEM 1212 /L Chemistry II & Lab	3/1	CHEM 1212 & 1212L Principles of Chemistry II & Principles of Chemistry Lab II	4
		DATA 1501 Introduction to Data Science	3
		ENVS 2202 Environmental Science	3
		GEOL 1121 & 1121L Introductory Geosciences and Introductory Geosciences Lab	4
PHYS 1111 /L* Introductory Physics I & Lab	4	PHYS 1111 & 1111L Introductory Physics I and Introductory Physics Lab I	4
PHYS 1112 /L* Introductory Physics II & Lab	4	PHYS 1112 & 1112L Introductory Physics II and Introductory Physics Lab II	4
		PHYS 2211 & 2211L Principles of Physics I and Principles of Physics Lab I	4
		PHYS 2212 & 2212L Principles of Physics II and Principles of Physics Lab II	4
		<i>Complete an additional three (3) hours from the following:</i>	
		CSCI 1300 Computational Thinking & Coding	3
		CSCI 1301 Computer Science I	3
		CSCI 1302 Computer Science II	3
		DATA 1501 Introduction to Data Science	3
		ENVS 2202 Environmental Science	3

		GEO 1121 & 1121L Introductory Geosciences and Introductory Geosciences Lab	4
		ITFN 1101 Information Technology	3
MATH 1112* College Trigonometry	3	MATH 1112 Trigonometry & Analytic Geometry	3
		MATH 1221 Finite Mathematics	3
MATH 1127* Introduction to Statistics	3	MATH 1401 Elementary Statistics	3
MATH 1113* Precalculus	3	MATH 1113 Pre-Calculus	3
MATH 1131* Calculus I	3	MATH 1501 Calculus I	4*
		MATH 2140 Introductory Linear Algebra	3
		MATH 2502 Calculus II	4*
		SCI 1901 Selected Topics in Science	3
		MATH 1501 and 2502 are a 4 credit hours course. The remaining one credit will count toward free electives.	
		Social Sciences 6 credit hours	
		<i>Choose one (1) World History Course from the following:</i>	
HIST 1111* World History I (Area V)	3	HIST 1111 Survey-Pre-Modern World History	3
HIST 1112* World History II	3	HIST 1112 Survey of Modern World History	3
		HIST 2750 Critical Trends and Issues	3
		*POLS 2401 Intro to Global Issues	3
		<i>Choose one (1) Behavioral Sciences Course from the following:</i>	
		AFAM 2010 Intro-African American Studies	3
ECON 1101* Principles of Economics (Area II)	3	ECON 1101 Survey of Economics	3
ECON 2105* Macroeconomics	3	ECON 2105 Principles of Macroeconomics	3
ECON 2106* Microeconomics	3	ECON 2106 Principles of Microeconomics	3
PSYC 1101* Introductory Psychology	3	PSYC 1101 Intro to General Psychology	3
		PSYC 2103 Introduction to Human Development	3
SOCI 1101* Introduction to Sociology	3	SOCI 1101 Introduction to Sociology	3
		WST 2010 Intro to Women's Studies	3
OCCUPATIONAL COURSES		LOWER DIVISION MAJOR REQUIREMENTS - 18 hours required	
CIST 1001 Computer Concepts	4	ITFN 1101 Foundations-Information Tech.	3
		ITFN 1201 Foundations of Database Design	3
		CSCI 1301 Computer Science I	3
		CSCI 1302 Computer Science II	3
		ITFN 2214 Web Application Development	3
		Choose one from the following:	3
		MATH 1401 Elementary Statistics	3
		MATH 2020 Introductory Discrete Math	3
		MATH 2502 Calculus II*	4
		*MATH 2502 is a 4 credit hours courses. The remaining one credit will count toward free electives	
		LOWER DIVISION MAJOR REQUIREMENTS (IT Foundations) – 9 hours	
		ITFN 1401 Foundations of Webmaster	3
CIST 1401 Computer Networking Fundamentals	4	ITFN 1502 Fnds. of Networking & Security	3
CIST 2602 (guided security elective)	4	ITFN 2512 Interm. Networking & Security	3
		UPPER DIVISION MAJOR REQUIREMENTS – 27 hours	

		ITFN 3003 Professional Dev. and Ethics	3
		ITFN 3103 Human-Computer Interaction	3
		ITFN 3112 System Analysis and Design	3
		ITFN 3144 Informatics Project Management	3
		ITFN 3316 SW Security, Testing, and QA	3
CIST 1130 Operating Systems Concept AND CIST 2431 UNIX/Linux Introduction	7	ITFN 3601 Operating Systems	3
		ITFN 4014 Internship Cooperative	3
		ITFN 4154 Informatics Integration	3
		ITFN 4433 Web Integration	3
		MAJOR CONCENTRATION – SELECT ONE OF THE FOLLOWING AREAS OF EMPHASIS-9 hours	
		Database Administration Concentration	
		ITDB 4201 Advanced Database Modeling	3
		ITDB 4202 Database Applications	3
		ITDB 4203 Database Admin & Architecture	3
		Networking and Security Concentration	
		ITNW 4501 Network Planning and Design	3
		ITNW 4502 Secure Networks & Comm. Protoc	3
		ITMM 4423 Security for E-Commerce	3
		Security for Financial Technology Concentration	
		FTA 4001 Foundations of Fintech	3
		FTA 4002 Financial Technologies	3
		FTA 4100 Intro to Info Security FinTech	3
		Informatics Concentration	
		Choose nine hours of upper division courses in a single discipline or in a recognized minor program at Clayton State. Students should use Free Electives to satisfy any prerequisites for upper division coursework in an Informatics Concentration. (example: Health Informatics Concentration)	
		HCMG 3101 Intro to Health Systems Mgmt.	3
		HCMG 3340 Healthcare Information Tech.	3
		HCMG 3501 Health Care Systems/TQM	3
		UPPER DIVISION IT ELECTIVES – 3 hours (ITFN 3xxx or 4xxx)	
CIST 2601 Implementing Operating Systems Security (guided elective)	4	ITFN 4601 OS Security, Programming and Administration	3
		FREE ELECTIVES – 12 hours Four 1000- to 4000-level classes	

Total Possible Transferable = 54 Total Hours Transferable from AAS- Networking = 30 hours MINIMUM GRADE OF C REQUIRED IN ALL TRANSFERRED COURSES		Total Hours for BIT Degree=120 hours MINIMUM 2.0 GPA IS REQUIRED TO EARN DEGREE	

Notes:

- This Articulation Agreement is only applicable to graduates of ATC's A.A.S. in Networking Specialist.
- Of the 54 total possible hours transferable from ATC, 30 hours are currently a part of ATC's A.A.S. in Networking Specialist curriculum. CSU will award credits for the remainder of the courses if a student has completed them successfully at ATC.
- Of the courses listed on the attached ATC curriculum, the following classes will NOT be accepted for transfer credit for the Bachelor of Information Technology at CSU:
 - COMP 1000 Introduction to Computer Literacy
- Transfer students must comply with CSU residency requirements: A minimum of 30 semester credit hours in residence at Clayton State University. At least 21 of the 30 must be upper division hours counted toward program requirements other than free electives.

**Atlanta Technical College and Clayton State University Articulation Agreement
AAS in Interdisciplinary Studies /Bachelor of Mathematics, Secondary Education
Concentration**

Note: highlighted in yellow are courses offered in the AAS- Interdisciplinary Studies program. * indicates existing articulation between TCSG and USG.

ATC Equivalent Courses		CSU Curriculum, Mathematics BS, Secondary Education Concentration	Cr Hr s
GENERAL EDUCATION CORE	15	IMPACTS CORE	42
		<i>Institutional Priority 4-5 credit hours</i>	
		CRIT 1101 Critical Thinking AND	3
		(COMM 1001 Presentational Speaking, OR	1
		COMM 1002 Presentation Applications, OR	1
SPCH 1101* Public Speaking	3	COMM 1110 Public Speaking, OR	3
		FREN 1002 Elementary French II, OR	3
		SPAN 1002 Elementary Spanish II)	3
		<i>Mathematics/Quantitative Skills 3 credit hours</i>	
MATH 1112* College Trigonometry	3	MATH 1112 Trigonometry & Analytic Geometry, OR	3
MATH 1113* Precalculus	3	MATH 1113 Pre-Calculus, OR	3
MATH 1131* Calculus I	3	MATH 1501 Calculus 1	4
		<i>Political Science & U.S. History (Citizenship) 6 credit hours</i>	
POLS 1101* American Government	3	POLS 1101 American Government, AND	3
HIST 2111* U.S. History I	3	(HIST 2111 Survey of US History to 1877, OR	3
HIST 2112* U.S. History II	3	HIST 2112 Survey of US History since Reconstruction)	3
		<i>Arts, Humanities & Ethics 6 credit hours</i>	
ENGL 2110 World Literature	3	(ENGL 2111 World Literature I-Pre-Modern, OR	3
		ENGL 2112 World Literature II-Modern, OR	3
ENGL 2310 English Literature from the Beginnings to 1700	3	ENGL 2121 British Literature I, OR	3
		ENGL 2122 British Literature II, OR	3
ENGL 2130* American Literature	3	ENGL 2131 American Literature I, OR	3
		ENGL 2132 American Literature II, OR	3
		FREN 2001 Intermediate French I, OR	3
		FREN 2002 Intermediate French II, OR	3
		PHIL 2010 Introduction to Philosophy, OR	3
		PHIL 2030 Ethics/History/Contemporary Perspective, OR	3
		SPAN 2001 Intermediate Spanish I, OR	3
		SPAN 2002 Intermediate Spanish II) AND	3
ARTS 1101* Art Appreciation (Area IV)	3	(ART 1100 Art Appreciation, OR	3
		ART 2301 Art of the Pre-Modern World, OR	3
		ART 2302 Art of the Modern World, OR	3
		FILM 2100 Introduction to Film, OR	3