

**APPENDIX 1
ARTICULATION AND TRANSFER TABLE**

Cuyahoga Community College: Associate of Applied Science – **Electrical/Electronic Engineering Technology – Computer Networking Hardware concentration**
Kent State University: Bachelor of Arts – Digital Sciences

EQUIVALENCIES CURRENTLY ON THE TRANSFER TABLES (AND U.SELECT)			
Cuyahoga Community College	Credits	KENT STATE UNIVERSITY	Credits
OTM English Composition		Kent Core Composition (6 credits)	
ENG 1010 College Composition I (or) ENG 101H Honors College Composition I	3	ENG 11011 College Writing I	3
ENG 1020 College Composition II (or) ENG 102H Honors College Composition II	3	ENG 21011 College Writing II	3
OTM Mathematics, Statistics and Logic		Kent Core Math/Critical Reasoning (3 credits)	
MATH 1000 level course (numerous course options available)	3-4	Math/Critical Reasoning Kent Core (KMCR)	3-4
OTM Arts and Humanities		Kent Core Humanities or Fine Arts (9 credits)	
Numerous course options available*	3	One course from Humanities in Arts and Sciences (KHUM)*	3
Numerous course options available*	3	One course from Fine Arts (KFA)*	3
Numerous course options available*	3	One course from Humanities or Fine Arts *	3
OTM Social and Behavioral Sciences		Kent Core Social Sciences (6 credits)	
Numerous course options available*	3	Courses must be selected from two curricular areas.	3
Numerous course options available*	3		3
OTM Natural Sciences		Kent Core Basic Sciences (8 credits)	
Numerous course options available	3 + 1 or 4	Once course + lab	3 1
Numerous course options available	3	One additional science course	3
OTM (additional)		Kent Core Additional (6 credits)	
	3		3
	3		3
Program Requirements		Program Requirements	
EET 1015 Introduction to Computer Maintenance and Repair	3	TECH 1X000 (General Elective)	3
IT 1025 Information Technology Concepts for Programmers	3	IT 1X000 (General Elective)	3
IT 1090 Computer Applications (or) IT 109H Computer Applications	3	MIS 24053 Introduction to Computer Applications	3
BADM 1020 Introduction to Business	3	BMRT 11000 Introduction to Business (General Elective)	3
EET 1035 Operating Systems and Software for PC Technicians	4	IT 1X000 (General Elective)	4
EET 1055 Computer Hardware Support	4	IT 11099 (General Elective)	4
BADM 1050 Professional Success Strategy	3	MIS 1X000 (General Elective)	3
ITNT 2310 TCP/IP	3	CS 2X000 (General Elective)	3
ITNT 2320 Network Administration I	3	IT 11005 (General Elective)	3
ENG 2151 Technical Writing	3	ENG 20002 Introduction to Technical Writing (General Elective)	3
ITNT 2990 Networking Capstone	3	CS 2X000 (General Elective)	

* All students must satisfy the diversity requirement by completing two diversity courses in the Kent Core, consisting of one course addressing domestic (US) issues and one course addressing global issues. These two courses can come from any of these Kent Core requirements, including Humanities (KHUM), Kent Fine Arts (KFA) or Kent Social Sciences (KSS).

APPROVED NEW / REVISED EQUIVALENCIES TO BE PUT ON THE TRANSFER TABLES (AND U.SELECT)			
COLLEGE/UNIVERSITY	Credits	KENT STATE UNIVERSITY	Credits
ITNT 2300 Networking Fundamentals	3	DSCI 26010 Telecommunication Infrastructure	3
EET 1302 Cisco I: Basic Networking Technologies + EET 1312 Cisco II: Basic Routing and Switching	3 +3	TECH 26301 Networking Hardware I (General Elective) + 3 hours	6
EET 2302 Cisco III: Intermediate Routing and Switching + EET 2312 Cisco IV: Basic Wan Technologies	3 + 3	TECH 36302 Networking Hardware II (General Elective) + 3 hours	6

These new equivalencies have already been entered on the Kent State Transfer Credit Guide.

**ARTICULATION AGREEMENT
APPENDIX 2
SUGGESTED SEMESTER SEQUENCE**

Cuyahoga Community College: Associate of Applied Science - **Electrical/Electronic Engineering Technology - Computer Networking Hardware concentration.**

<http://catalog.tri-c.edu/programs/electrical-electronic-engineering-technology-concentration-computer-networking-hardware-aas/#programsequencetext>

Kent State University: **Bachelor of Arts, Digital Sciences** (2018 Catalog Year)

<http://catalog.kent.edu/colleges/ci/dsci/digital-sciences-ba/index.html>

KEY

Blue Text - Course added to Tri-C roadmap to optimize transfer credits

Course Subject and Title	Credit Hours	Upper Division	Notes on Transfer Coursework to Kent State
Summer One: 9 Credit Hours Cuyahoga Community College			
EET 1015 Introduction to Computer Maintenance and Repair	3		Elective
IT 1025 Information Technology Concepts for Programmers	3		Elective
Select One	3		
- IT 1090 Computer Applications			MIS 24053 Introduction to Computer Applications - Major (See Note)
- IT 109H Honors Computer Applications			MIS 24053 Introduction to Computer Applications - Major (See Note)
Semester One: 14 Credit Hours Cuyahoga Community College			
BADM 1020 Introduction to Business	3		BMRT 11000 Introduction to Business (Elective)
EET 1035 Operating Systems and Software for PC Technicians	4		Elective
EET 1055 Computer Hardware Support	4		COMT 11009 Computer Assembly and Configuration (Elective)
ITNT 2300 Networking Fundamentals	3		DSCI 26010 Telecommunication Infrastructure (Elective)
Semester Two: 15 Credit Hours Cuyahoga Community College			
BADM 1050 Professional Success Strategy	3		Elective
ITNT 2310 TCP/IP	3		Elective
ITNT 2320 Network Administration I	3		COMT 11005 Introduction to Operating Systems and Networking (Elective)
Select One	3		
- ENG 1010 College Composition I			ENG 11011 College Writing 1 (KCMP)
- ENG 101H Honors College Composition I			ENG 11011 College Writing 1 (KCMP)
Kent Core: Humanities or Fine Arts (See List)	3		See TAG Guide
Semester Three: 15 Credit Hours Cuyahoga Community College			
EET 1302 Cisco I: Basic Networking Technologies ¹	3		EET 1302 & 1312 = TECH 26301 Network Hardware I (Elective)
EET 1312 Cisco II Basic Routing and Switching ¹	3		COMT 21110 Introduction to Routing and Switching OR EET 1302 & 1312 = TECH 26301 Network Hardware I

			(Elective)
ENG 2151 Technical Writing	3		ENG 20002 Introduction to Technical Writing (Elective)
MATH 1XXX 1000-level MATH course or higher	3		See TAG Guide
Arts and Humanities/Social and Behavioral Sciences requirement	3		See TAG Guide
Semester Four: 15 Credit Hours Cuyahoga Community College			
EET 2302 Cisco III Intermediate Routing and Switching	3		EET 2302 & 2312 = TECH 36302 Network Hardware II (Elective)
EET 2312 Cisco IV Basic Wan Technologies	3	3	EET 2302 & 2312 = TECH 36302 Network Hardware II (Elective)
ITNT 2990 Networking Capstone	3		Elective
Natural and Physical Sciences requirement	3		See TAG Guide
Kent Core: Humanities and Fine Arts (See List)	3		See TAG Guide
68 Total Credit Hours at Cuyahoga Community College, AAS Requirements Met			

Course Subject and Title	Credit Hours	Upper Division	Notes on Transfer Coursework to Kent State
Semester Five: 16 Credit Hours Kent State University			
DSCI 13210 Design Processes and Principles	3		Major
Kent Core: Basic Science and Lab (See List)	4		
DSCI 15310 Computational Thinking and Programming	3		Major
Kent Core: Humanities and Fine Arts (See List)	3		
Kent Core: ENG 21011 College Writing II	3		
Semester Six: 15 Credit Hours Kent State University			
DSCI 41510 Project Management and Team Dynamics	3	3	Completes university Writing-Intensive requirement. Must grade "C" or better.
MIS 24065 Web Programming	3		Major
DSCI 41610 Digital Systems Security	3	3	Major
UD Elective	3	3	See Advisor for Guided Electives
UD Elective	3	3	See Advisor for Guided Electives
Summer Semester: 6 Credit Hours Kent State University			
UD Approved Elective (Experiential Learning Requirement-ELR)	6	6	Suggested: DSCI 49992 Internship in Digital Sciences (ELR)
Semester Seven: 15 Credit Hours Kent State University			
DSCI 34410 Digital Info Management Processing	3	3	Major
TECH 46411 Requirements Engineering & Analysis	3	3	Major
JMC 20001 Media, Power, Culture	3		Kent Core (KSS - D) and CCI Core
COMM 35852 Intercultural Communication or LIS 30010 Info Fluency in the Workplace and Beyond	3	3	Upper Division CCI Core
COMM 15000 Intro to Human Communication	3		Fulfills KADL and CCI Core
Semester Eight: 12 Credit Hours Kent State University			
MIS 44043 Database Management Systems	3	3	Major
UD Electives	6	6	Recommended: DSCI 40910 Capstone in Digital Sciences(3)
Kent Core: Additional (See List)	3		

132 Total Credit Hours to Graduate (See Note %) with the BA, Digital Sciences, including transfer coursework, from Kent State University (64 hours from Kent State)

Course will fulfill Kent State University's Kent Core (general education) requirement.

@ Course may be taken at Cuyahoga Community College and transferred to Kent State. However, please be aware of Kent State's residence policy.

GRADUATION REQUIREMENTS SUMMARY

Cuyahoga Community College: Associate of Applied Science

Kent State University: Bachelor of Arts, Digital Sciences

Minimum Total Hours: 120

Minimum Upper-Division Hours (30000-40000 level course): 39

Minimum Kent Core Hours: 36

Minimum Major GPA: 2.0

Minimum Overall GPA: 2.0

Must also meet Domestic and Global Diversity and Experiential Learning Requirements.

NOTES:

- % - Completing one of the following Tri-C courses will reduce total credits to degree above by 3 credits (they fulfill Kent Core and upper-division requirements):

SPCH 21060 Intercultural Communication (3) - Kent Fine Arts (and Global Diversity)

MUS 1020 Survey of Jazz (3) - Kent Fine Arts (and Domestic Diversity)

SOC 2100 Aging and Society (3) - Kent Social Science (and Domestic Diversity)

HIST 2160 African American History 1877-present (3) - Kent Social Science (and Domestic Diversity)

SOC 2110 Death and Dying (3) - Kent Social Science

ESCI 1610 Geology of National Parks (3) - Kent Basic Science

- IT 1010 Introduction to Microcomputer Applications requires a minimum grade of "C" in order to fulfill prerequisite for MIS 44043 Database Management Systems.
- Combined Bachelor/Master Degree Program is possible. For more information, visit <https://www.kent.edu/dsci/undergraduate/combined>.
- Bachelor of Science Option: *To complete the requirements for the Bachelor of Science (BS) in Digital Sciences (general concentration), students can substitute 12 hours of electives with DSCI 49992 Internship in Digital Sciences, DSCI 40910 Capstone in Digital Sciences and 6 hours of upper division DSCI electives in the roadmap above. (No additional hours needed)*