

# Transfer Degree Map



## Appendix A: Transfer Degree Map

FROM	Owens Community College Associates of Science Cyber Security	TO	University of Cincinnati College of Education, Criminal Justice, & Human Services Bachelor of Science Cybersecurity (Online)
------	--	----	--

This agreement is valid from **August 2021** to **August 2024**

### Owens Community College & University of Cincinnati Curriculum Equivalencies

The following suggested course sequence includes all course requirements for this articulation agreement (e.g. courses required for the BS in Cybersecurity). You should consult with an academic advisor each semester to ensure you maintain appropriate degree progress and are fulfilling all requirements for the agreement. **Course sequencing below assumes a fall start date. If starting the program during any other term, please consult with your academic advisor.**

For details beyond course planning, please consult with your academic advisor or the Transfer & Transition Advising Center ([transfer@uc.edu](mailto:transfer@uc.edu)).

Courses with a "\*" indicator are courses taken at Owens Community College.  
Courses in **bold** are taken through UC in an online format.

SEMESTER 1					
Owens Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
*STM 105	Technology & Society	2		<i>1 Credit hour to count toward FYE requirement</i>	1
*IST 101	IT Fundamentals	3	IT 1050	Fundamentals of Information Technology	3
*IST 131	Computer Concepts and Applications	3	IT 1001C	<i>Advisor Approved Elective</i>	3
*ENG 111/ *ENG 11P	Composition I	3 or 4	ENGL 1001	<i>English Composition</i>	3
*MTH 213	Introduction to Statistics	3	STAT 1034	<i>Elementary Statistics (HPE 2071)</i>	3

## SEMESTER 2

Owens Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
*GPH 220	Intro to GIS	3	GEOG 1181C	Elemental GIS	3
*IST 145	Microsoft operating systems	3	IT 1000 Block	Advisor Approved Elective	3
*IST 175	Networking Technologies	3	IT 1080C	Computer Networking	3
*IST 144	Intro Database Design & SQL	3	IT 2060C	Database Management I	3
*TBD	Science Elective - Ohio Transfer Module Course	3 or 4	Natural Science	Biology, Chemistry, Geology or Physics	3

## SEMESTER 3

Owens Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
*IST 205	Advanced Networking	3	IT 2035C	<i>Network Infrastructure Management</i>	3
*IST 265	Introduction java	4	IT 1090C	Computer Programming I	3
*SPE 102	Interpersonal comm	3	COMM 1076	INTRO INTERPER COMM	3
*IST 240	Microsoft Net Admin I	3	IT 1081CP	System Administration Part 1	1.5
*ENG 130	Intro to Technical Communication	3	ENGL 2092	Writing For Work (ENGL4092)	3
*IST 181	Intro to Network Security	3	IT 2030C	Info Security and Assurance	3

Students should meet with an advisor from UC before beginning the final semester at Owens Community College to discuss their individualized plan.

## SEMESTER 4

Owens Community College			University of Cincinnati		
Course ID	Course Title	Cr Hr	Course ID	Course Title	Cr Hr
*IST 241	Linux Essentials	3	IT 1081CP	System Administration Part 2	1.5
*SOC 220	Multicultural Diversity in US	3	SOC 2000 BLOCK	Diversity, Equity and Inclusion Elective	3
*IST 274	Cyber Defense	3	IT 3071C	Network Security	3
*IST 273	Ethical Hacker	3	IT 2000 Blook	<i>Advisor Approved Elective</i>	3
*IST 289	IT Project Mgmt	3	IT 4020	Management in IT	3

At the conclusion of their fifth semester, students will earn their AS Cyber Security from Owens Community College and transfer to UC. They will complete the remaining semesters at UC while taking the identified Owens Community College courses. **Students should work with their UC and Owens Community College advisors to finalize their degree plan and develop their co-op schedule. Students will be required to complete 3 semesters of co-op experience through the University of Cincinnati (not mapped below).** Course sequencing below is a template only and assumes a fall start date. If starting the program during any other term, please consult with your academic advisor.

### Remaining Coursework at University of Cincinnati

SEMESTER 5		
Course ID	Course Title	Cr Hr
PD1010	Professional Development in IT	1
IT 2020	<i>Implications of IT</i>	3
IT 1051	Fund of digital media	3
IT 2040	Fund of web design	3
IT 3060	Database Management II	3

SEMESTER 6		
Course ID	Course Title	Cr Hr
IT 3072C	Computer & Network Forensics	3
IT3075C	Network Mon & Intrusion Prev	3
IT 3020	System Analysis and Design	3
*MTH 170	College Algebra (equivalent to MATH 1021 at UC)	3
	*Biology, Chemistry, Geology, or Physics Natural Science Elective	3

### CO-OP 1

SEMESTER 7		
Course ID	Course Title	Cr Hr
IT 4076C	Penetration Testing (5)	3
IT 4077C	Special Topics in Cybersecurity (6)	3
* MTH 173	College Trigonometry (equivalent to MATH 1022 at UC)	3

*ENG 112	Composition II (equivalent to ENGL 2089 at UC)	3
IT 4033	Senior Design Prep	1
IT XXXX	IT Elective (for missing IT 1003 credit)	1

## CO-OP 2

## SEMESTER 8

Course ID	Course Title	Cr Hr
IT 5003C	Senior Capstone Project I	3
POL 2035	Cybersecurity	3
IT XXXX	IT Focus Course	3
MATH 1071	Discrete Math	3
COMM XXXX	Comm Elective (multiple equivalencies offered at OCC)	3

## CO-OP 3

## SEMESTER 9

Course ID	Course Title	Cr Hr
IT 5004C	Senior Capstone Project II	3
CJ 3075	Computer Criminology	3
IT XXXX	IT Focus Course	3
IT 2021	Human Computer Interactions	3