

Central Ohio Technical College

Human Services Technology Program

Student Achievement Indicators Report



Last Updated: October 2022

by

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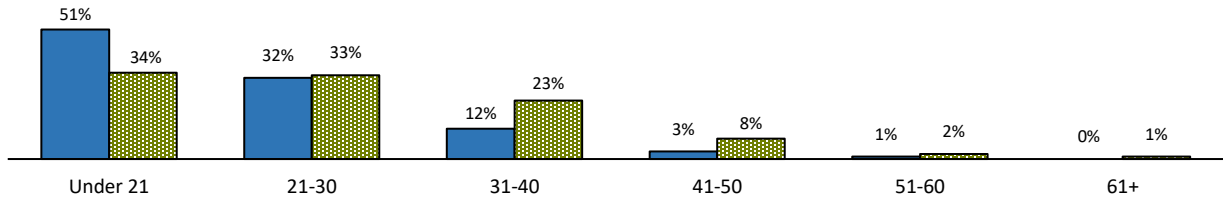
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STUDENT DEMOGRAPHICS - Autumn 2021 - Degree/Certificate- and Non-Degree/Non-Certificate Human Services Students		
AGE		
Age Groups	COTC	Human Services Technology
Under 21	51%	34%
21-30	32%	33%
31-40	12%	23%
41-50	3%	8%
51-60	1%	2%
61+	0%	1%
Average Age	23.2	27.1

Autumn 2021 Age Groupings

■ COTC ■ Human Services Technology

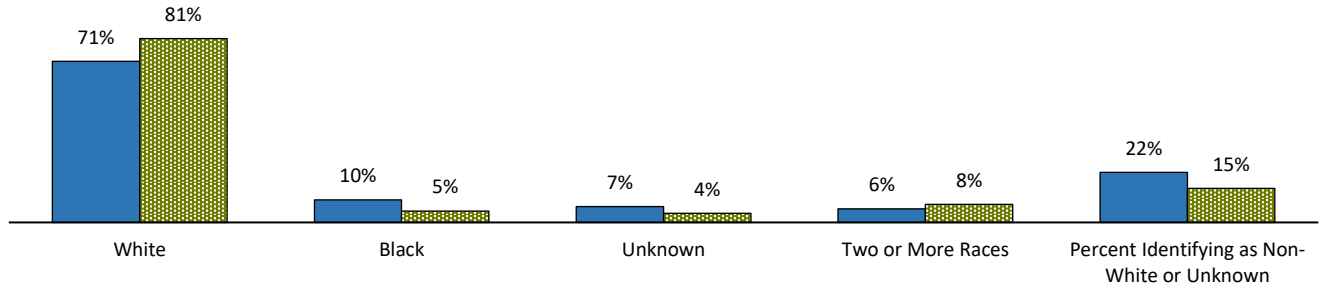


Age is calculated as of autumn 2021

RACIAL IDENTITY		
Race	COTC	Human Services Technology
White	71%	81%
Black	10%	5%
Unknown	7%	4%
Two or More Races	6%	8%
Hispanic or Latino	2%	3%
Asian	3%	0%
American Indian/Alaskan Native	0%	0%
Native Hawaiian/Other Pacific Islander	0%	0%
Percent Identifying as Non-White or Unknown	22%	15%

Autumn 2021 Racial Identity

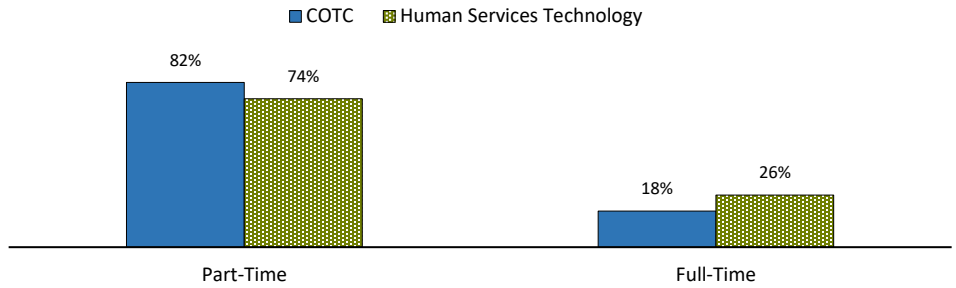
■ COTC ■ Human Services Technology



Race is based on Federal IPEDS reporting

ENROLLMENT STATUS		
Status	COTC	Human Services Technology
Part-Time	82%	74%
Full-Time	18%	26%

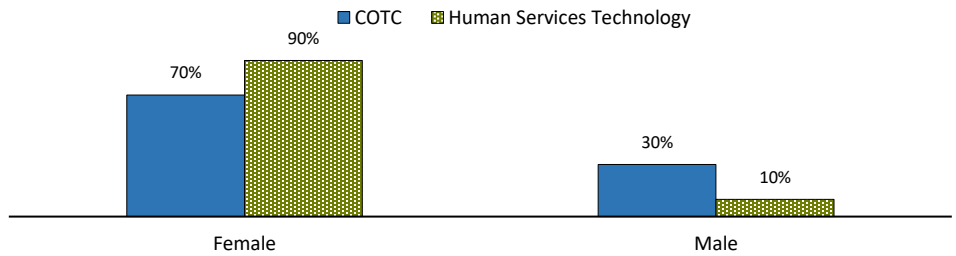
Autumn 2021 Rates by Enrollment Status



Part-time = <12.0 registered credits; Full-time <= 12.0 registered credits

SEX		
Gender	COTC	Human Services Technology
Female	70%	90%
Male	30%	10%

Autumn 2021 Rates by Sex



Sex identity reported by student on application for admission

AVERAGE REGISTERED CREDIT HOURS		
Credits	COTC	Human Services Technology
Average Credit Hours	7.41	7.73

Autumn 2021 Average Registered Credit Hours
 COTC Population vs. Human Services Students

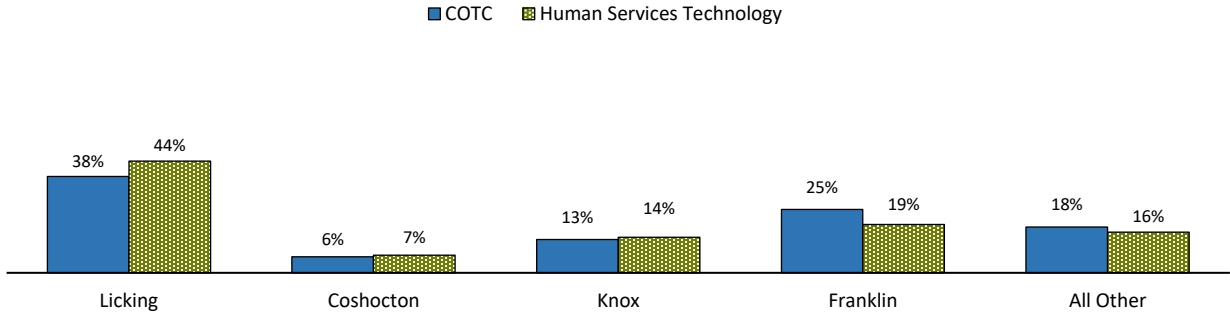


Based on 15th day registered credits

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COUNTY OF RESIDENCE		
County	COTC	Human Services Technology
Licking	38%	44%
Coshocton	6%	7%
Knox	13%	14%
Franklin	25%	19%
All Other	18%	16%

Autumn 2021 Enrollment by County of Residence



Based on student current address as of autumn 2021.

21AU Semester Census

Proportions may not sum to 100% due to rounding.

Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program

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APPLICATION AND MATRICULATION								
DISAGGREGATED BY ACADEMIC TERM								
Academic Year	Application Term	Number Applying ¹	Number Matriculating ²	Apply + Register Same Term Matric. Rate	Additional Matriculations ³	Additional Matriculations Rate	TOTAL MATRICULATIONS	All-Time Matriculation Rate
2011-12	SM11	32	8	25%	9	28%	17	53%
	AU11	60	31	52%	2	3%	33	55%
	WI12	26	10	38%	5	19%	15	58%
	SP12	47	22	47%	5	11%	27	57%
2012-13	SM12	12	5	42%	3	25%	8	67%
	12AU	93	30	32%	17	18%	47	51%
	13SP	48	20	42%	6	13%	26	54%
2013-14	13SM	38	27	71%	2	5%	29	76%
	13AU	58	24	41%	6	10%	30	52%
	14SP	40	18	45%	7	18%	25	63%
2014-15	14SM	22	8	36%	4	18%	12	55%
	14AU	37	18	49%	4	11%	22	59%
	15SP	54	15	28%	9	17%	24	44%
2015-16	15SM	25	9	36%	3	12%	12	48%
	15AU	74	29	39%	9	12%	38	51%
	16SP	41	9	22%	4	10%	13	32%
2016-17	16SM	24	2	8%	1	4%	3	13%
	16AU	87	23	26%	7	8%	30	34%
	17SP	39	5	13%	1	3%	6	15%
2017-18	17SM	15	1	7%	1	7%	2	13%
	17AU	73	14	19%	5	7%	19	26%
	18SP	48	9	19%	4	8%	13	27%
2018-19	18SM	19	4	21%	3	16%	7	37%
	18AU	92	25	27%	15	16%	40	43%
	19SP	67	8	12%	2	3%	10	15%
2019-20	19SM	20	4	20%	0	0%	4	20%
	19AU	84	25	30%	11	13%	36	43%
	20SP	58	10	17%	2	3%	12	21%
2020-21	20SM	35	3	9%	4	11%	7	20%
	20AU	89	22	25%	6	7%	28	31%
	21SP	64	7	11%	1	2%	8	13%
2021-22	21SM	42	3	7%	2	5%	5	12%
	21AU	99	25	25%	4	4%	29	29%
	22SP	53	8	15%		0%	8	15%
Overall Totals/Rates		1,879	557	30%	188	10%	745	40%
AGGREGATED BY ACADEMIC YEAR								
Aggregate Data: By Academic Year		Number Applying ¹	Number Matriculating ²	Apply + Register Same Term Matric. Rate	Additional Matriculations ³	Additional Matriculations Rate	TOTAL MATRICULATIONS	All-Time Matriculation Rate
Academic Year								
2010-11		164	76	46%	24	15%	100	61%
2011-12		165	71	43%	21	13%	92	56%
2012-13		153	55	36%	26	17%	81	53%
2013-14		136	69	51%	15	11%	84	62%
2014-15		113	41	36%	17	15%	58	51%
2015-16		140	47	34%	16	11%	63	45%
2016-17		150	30	20%	9	6%	39	26%
2017-18		136	24	18%	10	7%	34	25%
2018-19		178	37	21%	20	11%	57	32%
2019-20		162	39	24%	13	8%	52	32%
2020-21		188	32	17%	11	6%	43	23%
2021-22		194	36	19%	6	3%	42	22%

¹Moved to Student* in Human Services Technology, Degree and Non-Degree, Non-Certificate IDs

²Applied and Enrolled Same Term (First Term) as Human Services Technology Students, Degree and Non-Degree, Non-Certificate IDs

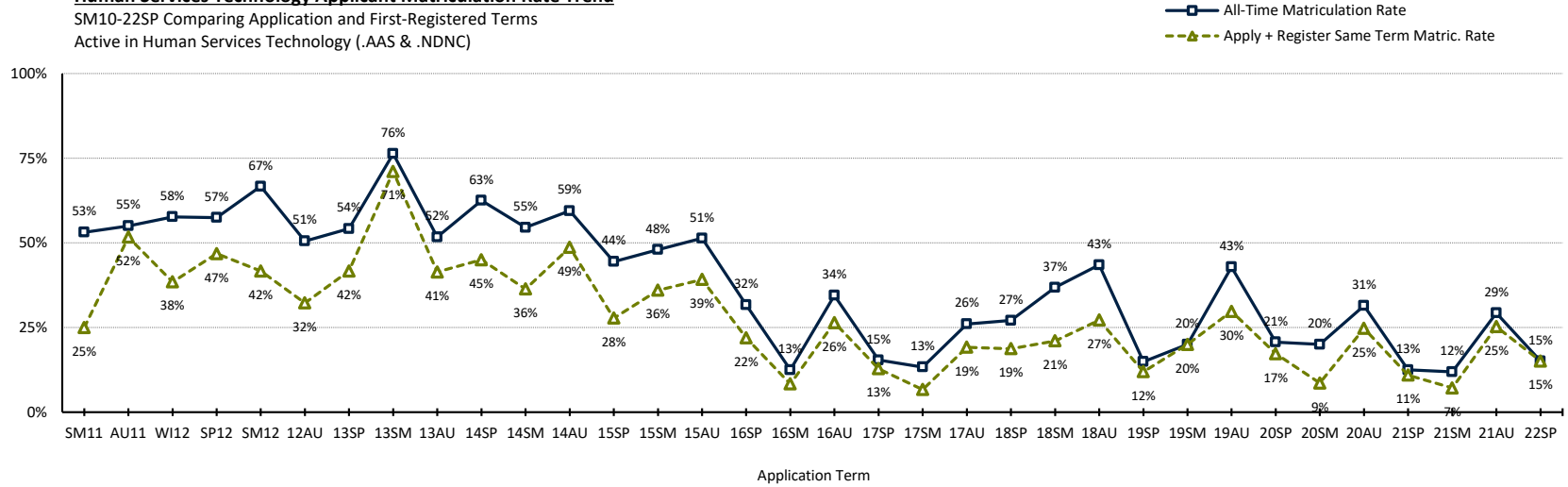
³Applied but Enrolled after Application Term (in future) in HUM program (cumulative) through spring 2022

Source: HUM Matriculation Source Report_Apps_Reg

Records as of October 2022

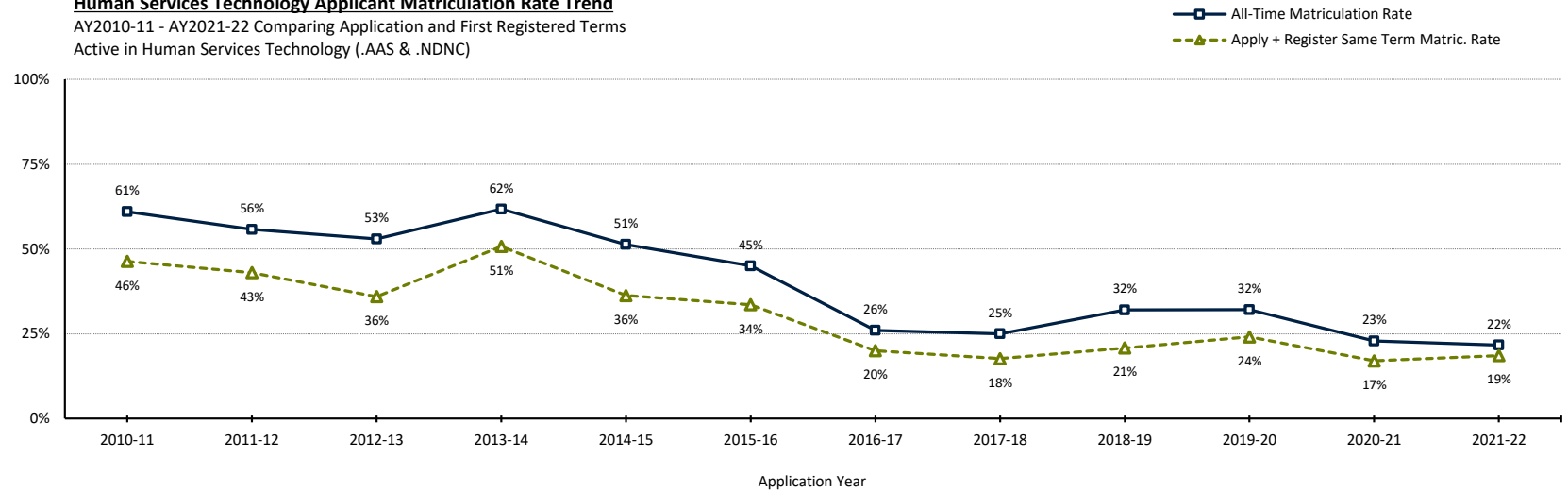
Human Services Technology Applicant Matriculation Rate Trend

SM10-22SP Comparing Application and First-Registered Terms
Active in Human Services Technology (.AAS & .NDNC)



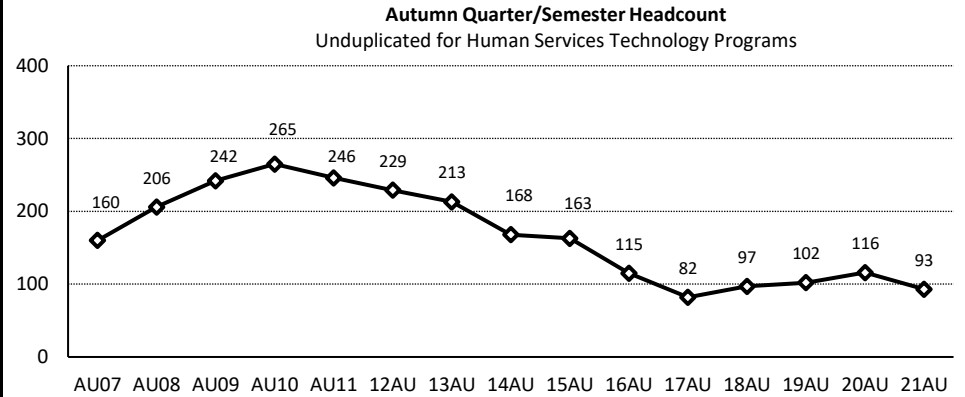
Human Services Technology Applicant Matriculation Rate Trend

AY2010-11 - AY2021-22 Comparing Application and First Registered Terms
Active in Human Services Technology (.AAS & .NDNC)

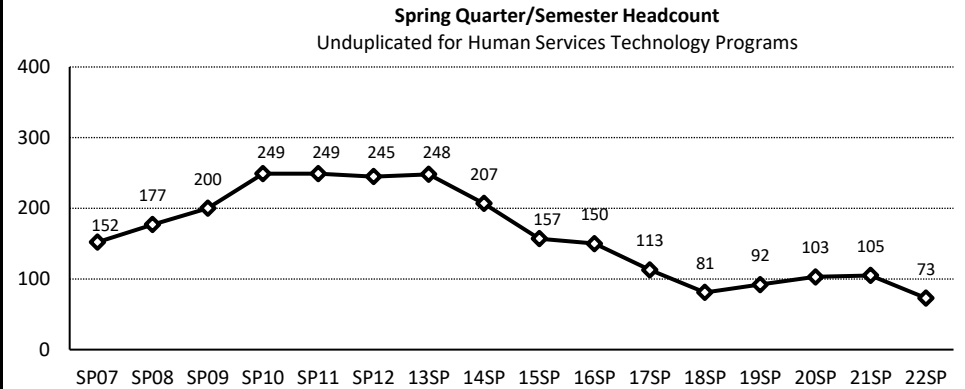


ENROLLMENT

AUTUMN-TERM ENROLLMENT		
Autumn Term	Unduplicated Headcount	Percent Change Prior Year
AU07	160	-
AU08	206	29%
AU09	242	17%
AU10	265	10%
AU11	246	-7%
12AU	229	-7%
13AU	213	-7%
14AU	168	-21%
15AU	163	-3%
16AU	115	-29%
17AU	82	-29%
18AU	97	18%
19AU	102	5%
20AU	116	14%
21AU	93	-20%

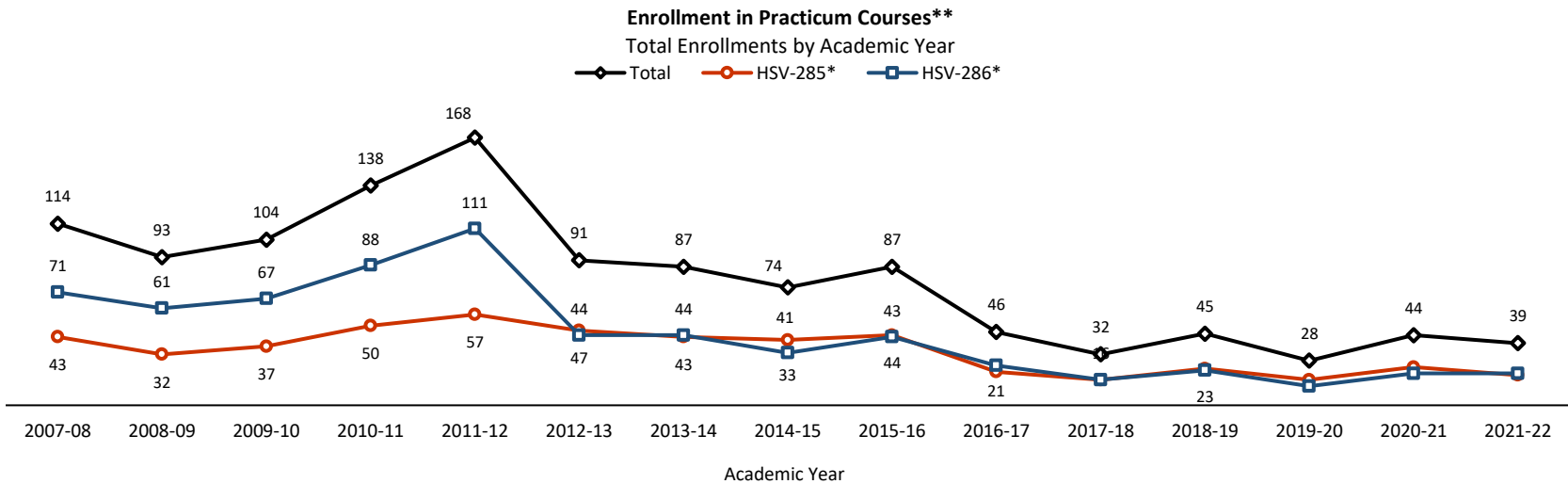


SPRING-TERM ENROLLMENT		
Spring Term	Unduplicated Headcount	Percent Change Prior Year
SP07	152	-
SP08	177	16%
SP09	200	13%
SP10	249	25%
SP11	249	0%
SP12	245	-2%
13SP	248	1%
14SP	207	-17%
15SP	157	-24%
16SP	150	-4%
17SP	113	-25%
18SP	81	-28%
19SP	92	14%
20SP	103	12%
21SP	105	2%
22SP	73	-30%



Quarter/Semester Census, Degree- and Non-Degree, Non-Certificate Seeking Students
Source: Census Reports, Enrollment by Department

PRACTICUM PLACEMENT BY ACADEMIC YEAR, TOTAL CENSUS-DAY ENROLLMENTS			
Academic Year	HSV-285*	HSV-286*	Total
2007-08	43	71	114
2008-09	32	61	93
2009-10	37	67	104
2010-11	50	88	138
2011-12	57	111	168
2012-13	47	44	91
2013-14	43	44	87
2014-15	41	33	74
2015-16	44	43	87
2016-17	21	25	46
2017-18	16	16	32
2018-19	23	22	45
2019-20	16	12	28
2020-21	24	20	44
2021-22	19	20	39



*Includes equivalent, previously used quarter/semester course names with enrollment aggregated across the academic year
 **In AY2012-13, the Human Services Technology plan of study changed from 3 required practicum courses to 2 required practicum courses
 Source: COTC Course Outcomes Dashboard (RA)

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COURSE RETENTION AND COMPLETION							
Aggregation Level	Academic Year	Enrollment Frequencies ³	Outcomes Frequencies		Course Retention Rates ⁶	Course Completion Rates	
			Successful Completions ⁴	Withdraws ⁵		Enrollee Success ⁷	Completer Success ⁸
OVERALL HUMAN SERVICES TECHNOLOGY	2012-13	980	800	32	96.7%	81.6%	84.4%
	2013-14	909	734	42	95.4%	80.7%	84.7%
	2014-15	762	611	36	95.3%	80.2%	84.2%
	2015-16	652	537	27	95.9%	82.4%	85.9%
	2016-17	473	369	33	93.0%	78.0%	83.9%
	2017-18	384	321	15	96.1%	83.6%	87.0%
	2018-19	418	334	26	93.8%	79.9%	85.2%
	2019-20	308	236	25	91.9%	76.6%	83.4%
	2020-21	500	399	29	94.2%	79.8%	84.7%
2021-22	444	369	24	94.6%	83.1%	87.9%	
FACE-TO-FACE COURSES	2012-13	513	440	11	97.9%	85.8%	87.6%
	2013-14	521	444	19	96.4%	85.2%	88.4%
	2014-15	436	378	14	96.8%	86.7%	89.6%
	2015-16	378	328	13	96.6%	86.8%	89.9%
	2016-17	226	189	9	96.0%	83.6%	87.1%
	2017-18	176	161	5	97.2%	91.5%	94.2%
	2018-19	217	181	8	96.3%	83.4%	86.6%
	2019-20	78	62	6	92.3%	79.5%	86.1%
	2020-21	164	139	6	96.3%	84.8%	88.0%
2021-22	131	113	8	93.9%	86.3%	91.9%	
ONLINE COURSES ²	2012-13	467	360	21	95.5%	77.1%	80.7%
	2013-14	388	290	23	94.1%	74.7%	79.5%
	2014-15	326	233	22	93.3%	71.5%	76.6%
	2015-16	274	209	14	94.9%	76.3%	80.4%
	2016-17	247	180	24	90.3%	72.9%	80.7%
	2017-18	208	160	10	95.2%	76.9%	80.8%
	2018-19	201	153	18	91.0%	76.1%	83.6%
	2019-20	230	174	19	91.7%	75.7%	82.5%
	2020-21	336	260	23	93.2%	77.4%	83.1%
2021-22	313	256	16	94.9%	81.8%	86.2%	
100-level Courses ⁹	2012-13	666	542	27	95.9%	81.4%	84.8%
	2013-14	608	472	30	95.1%	77.6%	81.7%
	2014-15	543	420	33	93.9%	77.3%	82.4%
	2015-16	415	325	21	94.9%	78.3%	82.5%
	2016-17	329	244	30	90.9%	74.2%	81.6%
	2017-18	267	213	15	94.4%	79.8%	84.5%
	2018-19	301	229	20	93.4%	76.1%	81.5%
	2019-20	191	135	18	90.6%	70.7%	78.0%
	2020-21	331	251	21	93.7%	75.8%	81.0%
2021-22	259	209	19	92.7%	80.7%	87.1%	
200-level Courses ⁹	2012-13	314	258	5	98.4%	82.2%	83.5%
	2013-14	301	262	12	96.0%	87.0%	90.7%
	2014-15	219	191	3	98.6%	87.2%	88.4%
	2015-16	237	212	6	97.5%	89.5%	91.8%
	2016-17	144	125	3	97.9%	86.8%	88.7%
	2017-18	117	108	0	100.0%	92.3%	92.3%
	2018-19	117	105	6	94.9%	89.7%	94.6%
	2019-20	117	101	7	94.0%	86.3%	91.8%
	2020-21	169	148	8	95.3%	87.6%	91.9%
2021-22	185	160	5	97.3%	86.5%	88.9%	

¹Courses coded as Newark, Cohocton, Knox, and/or Pataskala

²Courses coded as WebCredit

³Enrollment as of quarter/semester course census

⁴Grades of "C or Better"

⁵Formal course withdraws

⁶Course Retention Rate = (Total Enrollment - Withdraws) ÷ Total Enrollments

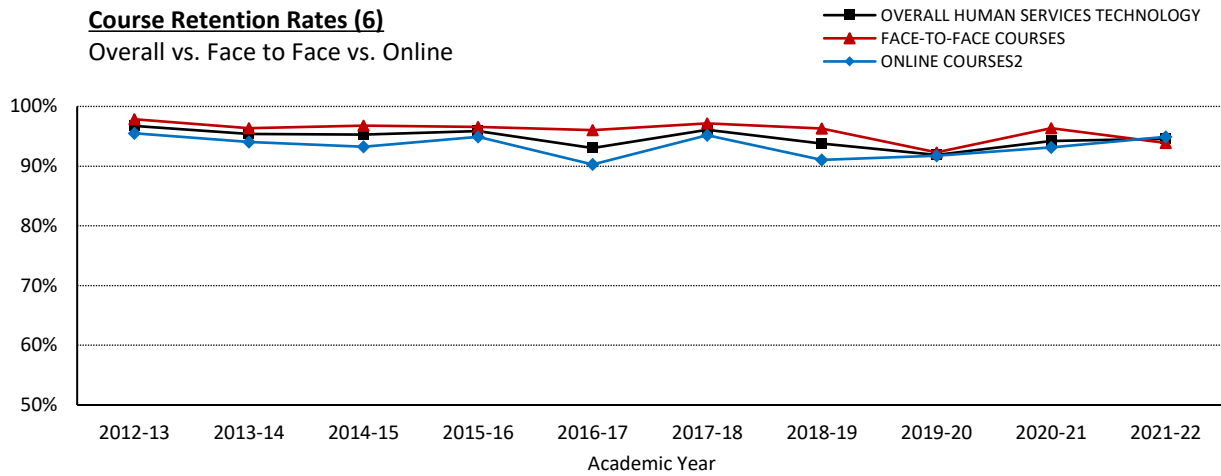
⁷"Enrollee Success Rate" = Grade of "C or better" ÷ Total Census Enrollment

⁸"Completer Success Rate" = (Grade of "C or better" ÷ (Total Census Enrollments - Withdraws)) aka Grade of "C or better" ÷ End of Term Enrollment

⁹Courses coded 100- or 200-Level based on course names and position on plan of study

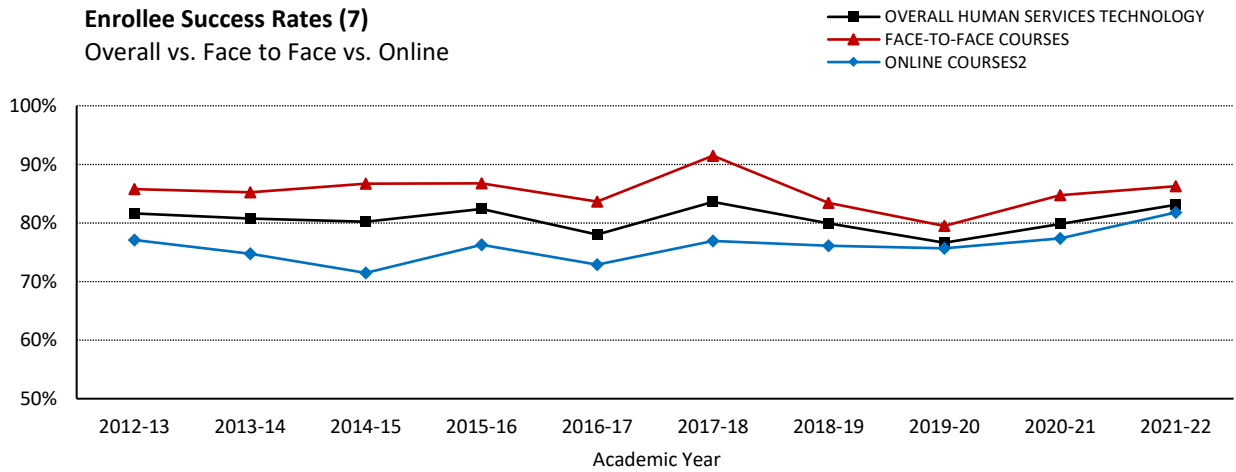
Course Retention Rates (6)

Overall vs. Face to Face vs. Online



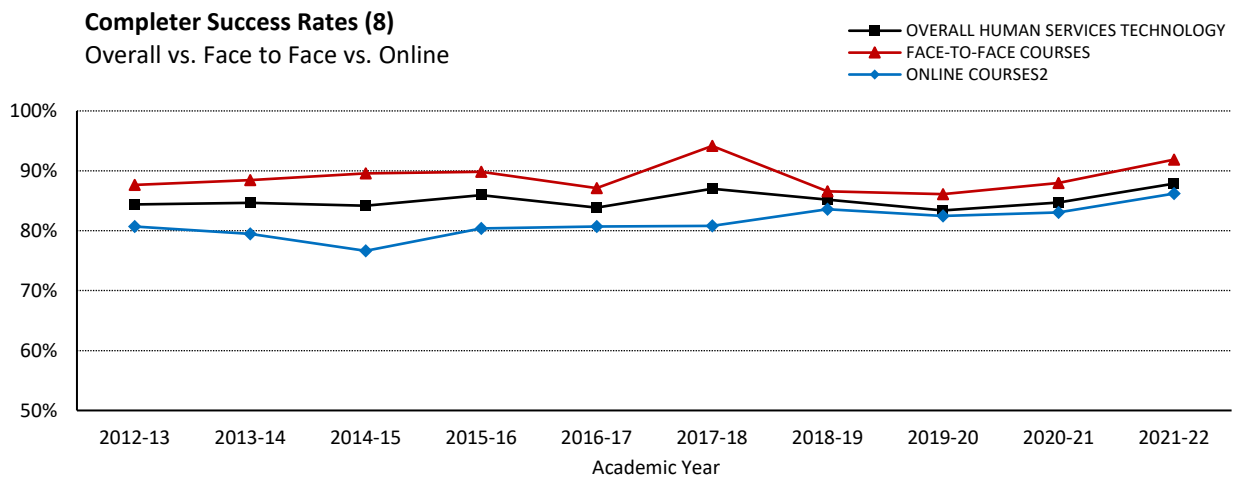
Enrollee Success Rates (7)

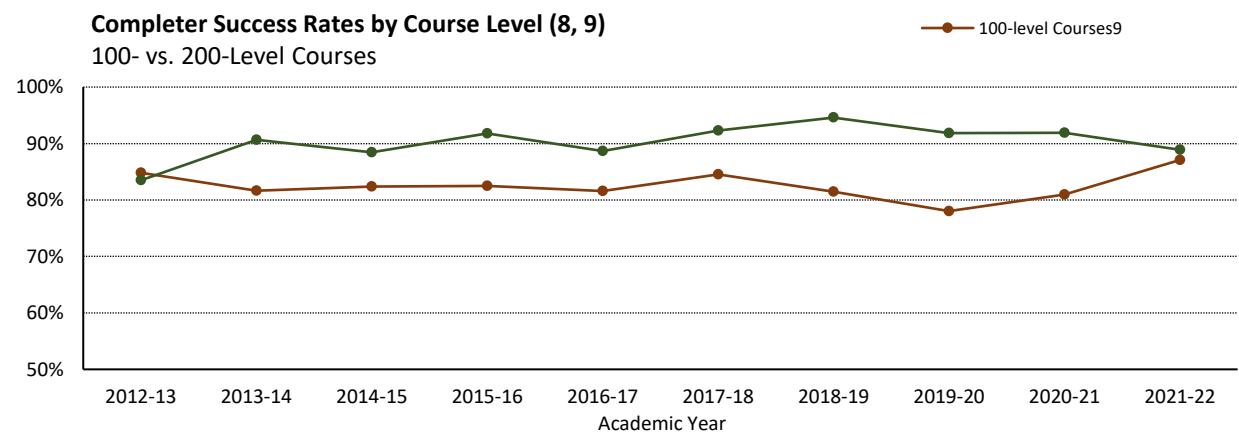
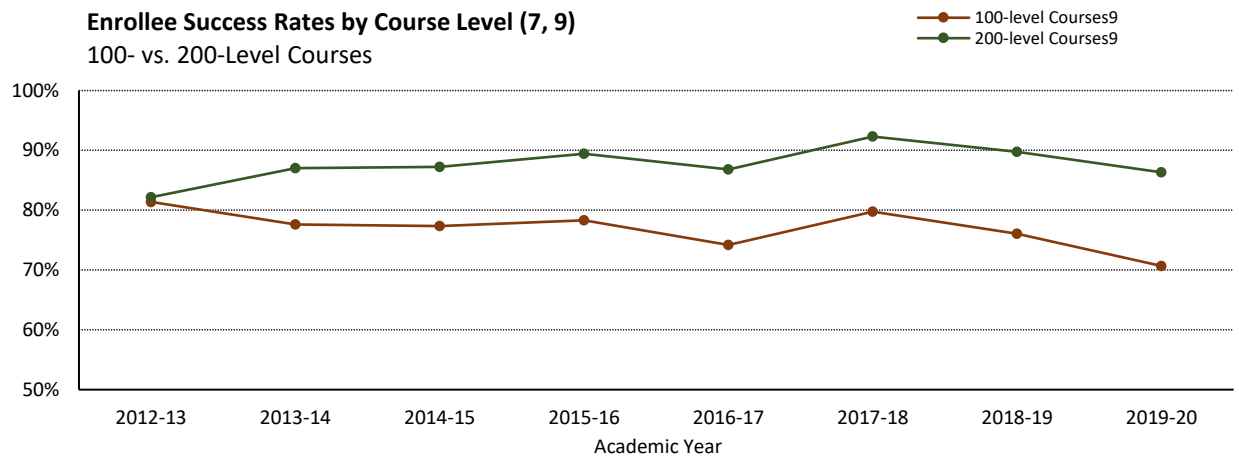
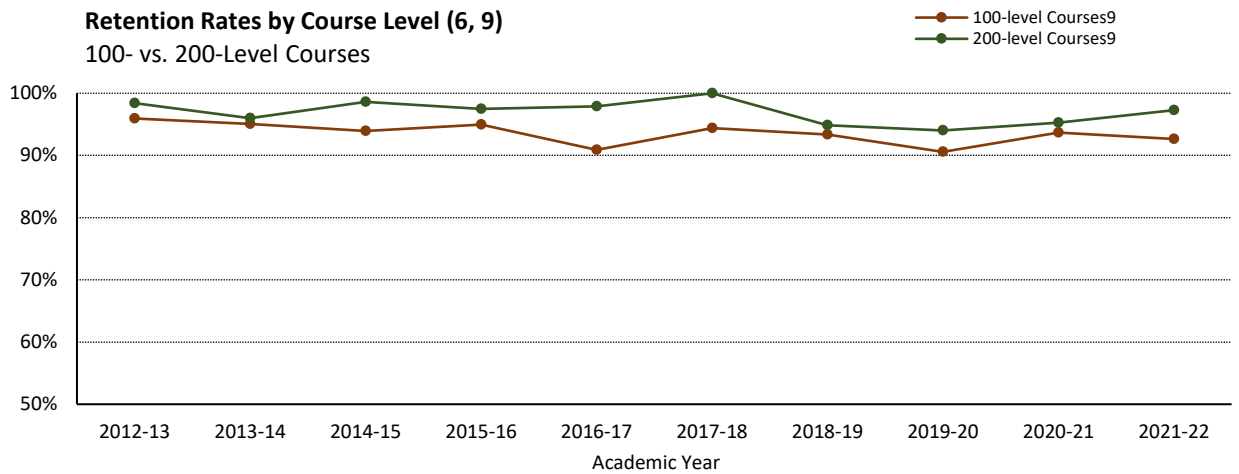
Overall vs. Face to Face vs. Online



Completer Success Rates (8)

Overall vs. Face to Face vs. Online



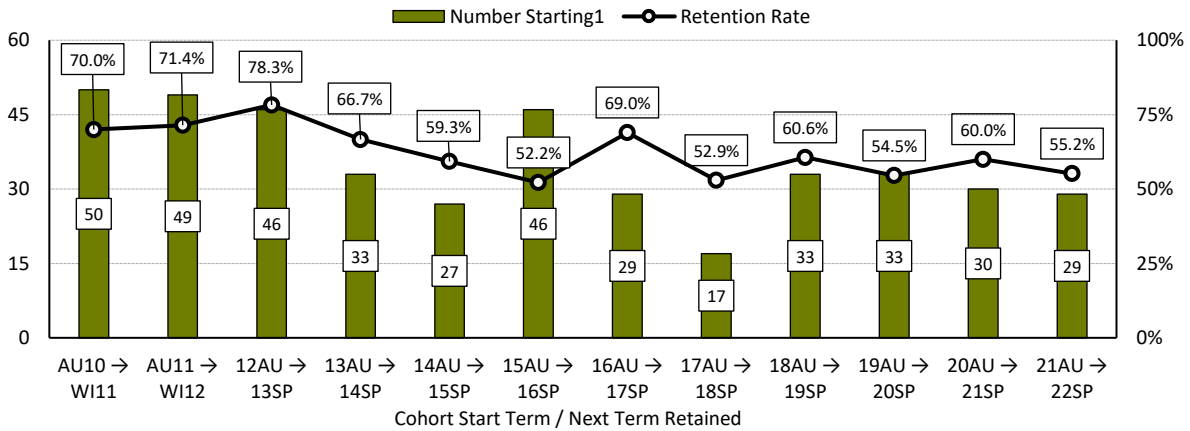


PROGRAM RETENTION AND GRADUATION

AUTUMN TO NEXT TERM RETENTION / COHORT GRADUATION

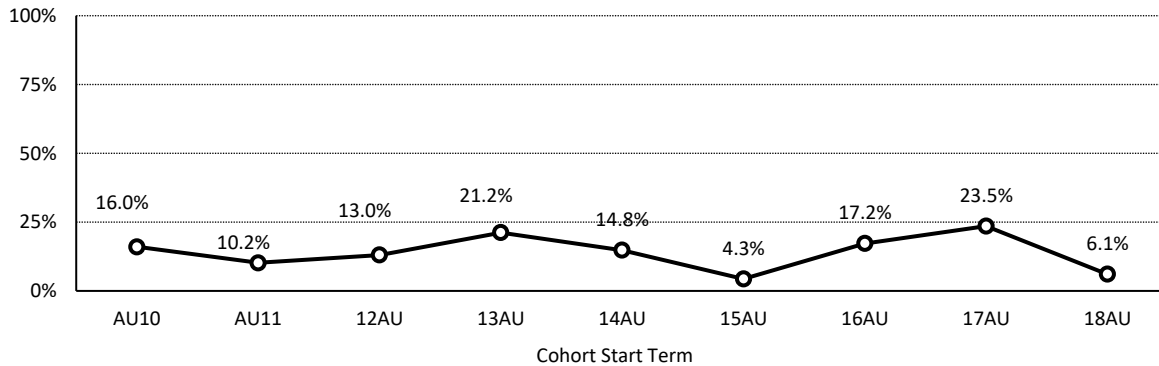
Term IDs	Number Starting ¹	Number Retained	Retention Rate	COHORT TERM	Number Graduating ²	Graduation Rate ²
AU10 → WI11	50	35	70.0%	AU10	8	16.0%
AU11 → WI12	49	35	71.4%	AU11	5	10.2%
12AU → 13SP	46	36	78.3%	12AU	6	13.0%
13AU → 14SP	33	22	66.7%	13AU	7	21.2%
14AU → 15SP	27	16	59.3%	14AU	4	14.8%
15AU → 16SP	46	24	52.2%	15AU	2	4.3%
16AU → 17SP	29	20	69.0%	16AU	5	17.2%
17AU → 18SP	17	9	52.9%	17AU	4	23.5%
18AU → 19SP	33	20	60.6%	18AU	2	6.1%
19AU → 20SP	33	18	54.5%	19AU	5	15.2%
20AU → 21SP	30	18	60.0%	20AU	6	20.0%
21AU → 22SP	29	16	55.2%	21AU	3	10.3%
Overall Rates***	422	269	63.7%		43	13.0%
Rev. Grad #³:					330	

Cohort Headcount and Autumn to Next Term Retention by Cohort Start Term



All-Time Graduation Rate (2)

Active Human Services Technology by Cohort Start Term



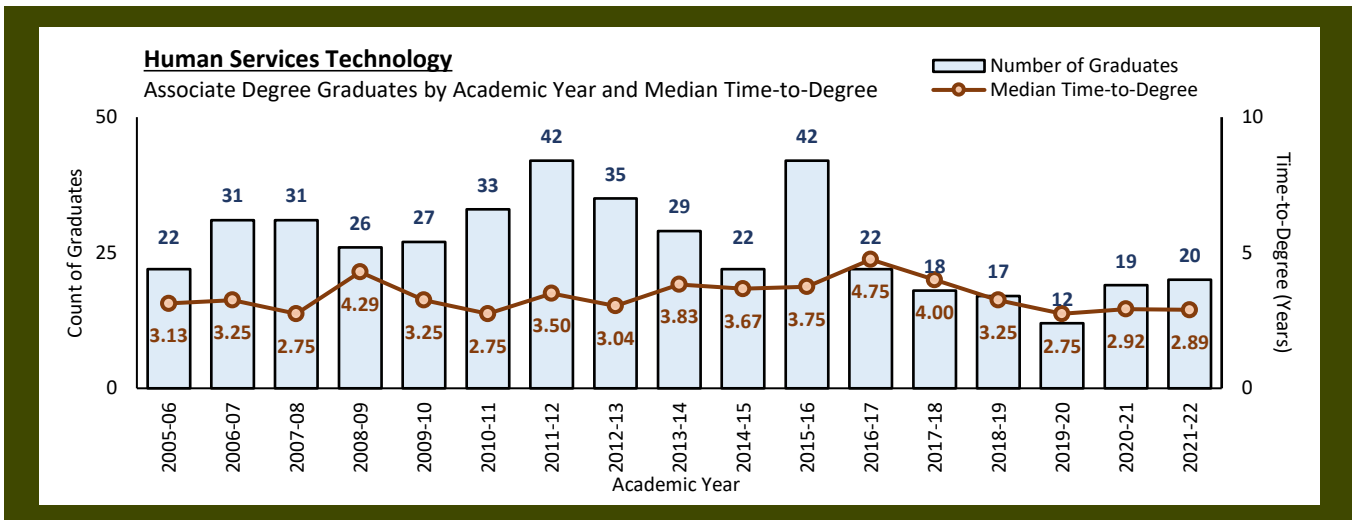
¹Degree and Non-Degree/Non-Certificate IDs

²"All-time" rate; Excludes 'other' degrees outside of HUM; Cumulative over time

³Through 18AU cohort for Overall Grad Rate; Use Rev. Grad # as denominator

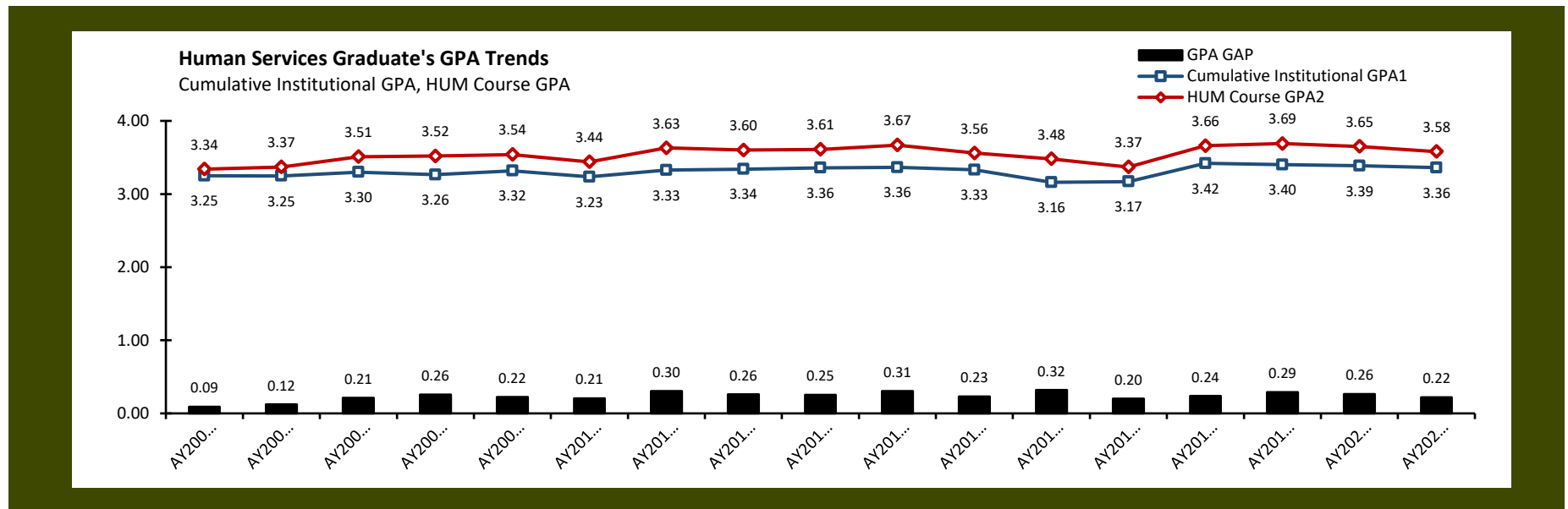
Source: HUM Autumn to Spring Retention Rates

ASSOCIATE DEGREE GRADUATES		
Academic Year	Number of Graduates	Median Time-to-Degree
2005-06	22	3.13
2006-07	31	3.25
2007-08	31	2.75
2008-09	26	4.29
2009-10	27	3.25
2010-11	33	2.75
2011-12	42	3.50
2012-13	35	3.04
2013-14	29	3.83
2014-15	22	3.67
2015-16	42	3.75
2016-17	22	4.75
2017-18	18	4.00
2018-19	17	3.25
2019-20	12	2.75
2020-21	19	2.92
2021-22	20	2.89
Total	449	3.25



Source: COTC Graduates by Academic Year; Human Services_Graduate_Time to Degree Source
 Associate degree completers, only

ASSOCIATE AND CERTIFICATE GRADUATE'S GRADE POINT AVERAGE, CUMULATIVE AND SUBJECT-SPECIFIC				
Graduation Year	Graduate Count	Cumulative Institutional GPA ¹	HUM Course GPA ²	GPA GAP
AY2005-06	22	3.25	3.34	0.09
AY2006-07	31	3.25	3.37	0.12
AY2007-08	31	3.30	3.51	0.21
AY2008-09	26	3.26	3.52	0.26
AY2009-10	27	3.32	3.54	0.22
AY2010-11	33	3.23	3.44	0.21
AY2011-12	42	3.33	3.63	0.30
AY2012-13	35	3.34	3.60	0.26
AY2013-14	29	3.36	3.61	0.25
AY2014-15	22	3.36	3.67	0.31
AY2015-16	42	3.33	3.56	0.23
AY2016-17	22	3.16	3.48	0.32
AY2017-18	18	3.17	3.37	0.20
AY2018-19	19	3.42	3.66	0.24
AY2019-20	13	3.40	3.69	0.29
AY2020-21	21	3.39	3.65	0.26
AY2021-22	29	3.36	3.58	0.22
Totals:	462	3.31	3.54	0.23



Data includes both associate and certificate completers

¹Cumulative Institutional GPA is Graduate GPA as of Graduation Term

²Average Grade Point obtained by HUM Graduates in HUM courses for Graduates enrolled with status of Add, New, Prereq Override-Add, or Prereq Override-New; HUM, HSV, HUMSVS courses: HSV Grads_Overall and Course GPA Source

COURSE SUCCESS BY LEARNING OUTCOMES

To accomplish the stated purpose of the Human Services Technology program, the following student learning outcomes have been developed. Upon successful completion of the program, graduates will be able to perform the following activities. This table lists the stated programmatic learning outcomes along with the course in which the outcome is evaluated.

Results are Reported for Human Services Technology Students Active in Program (Associate and Certificate) at time of Course Completion.

AY2021-22 HSV Learning Outcomes Table		Course Completer Success Rates ¹										
		HSV-100	HSV-110	HSV-121	HSV-131	HSV-141	HSV-150	HSV-200	HSV-210	HSV-280	HSV-285	HSV-286
		Principles of Social Work	Chemical Dependency I	Direct Practice Skills	Case Management	Therapeutic Group	Social Welfare and Policy	Family Systems	Mental Health and Wellness	Capstone	Practicum I	Practicum II
Learning Outcome	LO-1: Demonstrate an understanding of the role of the human services worker in a variety of social settings.	77.3%	-	-	-	-	-	-	-	-	100.0%	90.0%
	LO-2: Examine current social issues and their impact on society, including substance abuse and dependence.	-	78.4%	-	-	-	81.0%	-	84.1%	-		
	LO-3: Compare and contrast a variety of family systems and multi-dimensional systems in relation to human behaviors and the environment.	-	-	-	-	-	-	84.0%	-	-		
	LO-4: Apply interpersonal skills in helping relationships, including crisis intervention and group dynamics.	-	-	91.4%	-	90.5%	-	-	-	-		
	LO-5: Apply case management skills, including documentation, assessment, treatment planning, crisis intervention, and the ability to make appropriate referrals.	-	-	-	86.4%	-	-	-	-	-		
	LO-6: Demonstrate the ability to adhere to professional, ethical standards, including confidentiality, sensitivity when working with diverse populations and responsibility for professional growth.	-	-	-	-	-	-	-	-	100.0%		

¹Completer Success Rate = (Grade of "C or Better" ÷ (Total Census Enrollments - Withdraws)) for course enrollees who finished the course (didn't withdraw)

Source: Subject Grade-Outcomes by Program (RA)

SUBSEQUENT EDUCATION OF GRADUATES

The following data were gathered via a National Student Clearinghouse - Student Tracker¹ subsequent enrollment request to learn if recent Human Services Technology graduates continued to complete additional degrees following their time at COTC.

Population: Human Services Technology Graduates, 12AU to 21AU (N = 246 Grads submitted)

Of the 246 graduates, 143 (59%) were found with at least 1 enrollment record following their Human Services Technology certificate or degree, either returning to COTC or at another institution. The following list shows the institutions attended. Note: Many students attend multiple institutions so the sum below exceeds the unique count above.

INSTITUTION	Count	Percent
THE OHIO STATE UNIVERSITY - NEWARK	43	17.2%
THE OHIO STATE UNIVERSITY	41	16.4%
MOUNT VERNON NAZARENE UNIV- GRAD AND PROF STUDIES	35	14.0%
MOUNT VERNON NAZARENE UNIVERSITY	25	10.0%
CENTRAL OHIO TECHNICAL COLLEGE	11	4.4%
INDIANA WESLEYAN UNIVERSITY - APS U/G	9	3.6%
OHIO UNIVERSITY	9	3.6%
MOUNT VERNON NAZARENE UNIV- COLUMBUS- NEW ALBANY	7	2.8%
INDIANA WESLEYAN -APS GRADS	5	2.0%
UNIVERSITY OF PHOENIX	4	1.6%
INDIANA WESLEYAN UNIVERSITY	4	1.6%
WALDEN UNIVERSITY	4	1.6%
CAPELLA UNIVERSITY	4	1.6%
FRANKLIN UNIVERSITY	4	1.6%
SOUTHERN NEW HAMPSHIRE- 09WEEK	3	1.2%
COLUMBUS STATE COMMUNITY COLLEGE	3	1.2%
LIBERTY UNIVERSITY	3	1.2%
THE UNIVERSITY OF ARIZONA GLOBAL CAMPUS	2	0.8%
CAPITAL UNIVERSITY COLUMBUS	2	0.8%
UNIVERSITY OF CINCINNATI	2	0.8%
OHIO DOMINICAN UNIVERSITY	2	0.8%
SOUTHERN NEW HAMPSHIRE UNIVERSITY	2	0.8%
WESTERN GOVERNORS UNIVERSITY	2	0.8%
MALONE UNIVERSITY	2	0.8%

One enrollment record each of: UNIVERSITY OF AKRON, THE OHIO STATE UNIVERSITY - MARION, CLEVELAND STATE UNIVERSITY, FLORIDA INSTITUTE OF TECHNOLOGY, LORAIN COUNTY COMMUNITY COLLEGE, MUSKINGUM UNIV GRADS, UNIVERSITY OF NORTH CAROLINA - CHARLOTTE, MUSKINGUM UNIVERSITY, THE OHIO STATE UNIVERSITY - LIMA, BRESICA UNIVERSITY, CENTRAL PIEDMONT COMMUNITY COLLEGE, CAPITAL UNIVERSITY - TRINITY LUTHERAN SEMINARY, TRINITY LUTHERAN SEMINARY SINCLAIR COMMUNITY COLLEGE, CHAMBERLAIN UNIVERSITY - GRAD, CENTRAL METHODIST UNIVERSITY, WILMINGTON COLLEGE, CAMPBELLSVILLE UNIVERSITY, BOISE STATE UNIVERSITY, KENT STATE UNIVERSITY, ASHLAND UNIVERSITY, MIDAMERICA NAZARENE UNIVERSITY	1	0.4%
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Grand Total	250	100.0%
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Degrees: Of the 143 COTC graduates with subsequent college enrollment, 90 additional degrees were earned at any level (63%), originating from 18 institutions including COTC. Here's the degree count by title and by institution.

Degree Title	Degree Count	Percent
BS Social Work	24	27%
Bachelor Social Work	22	24%
Master Social Work	12	13%
Associate's	6	7%
BA	5	6%
BS	5	6%
Short Term Certificate	3	3%
MA Counseling	2	2%
BS Planning	1	1%
AAS	1	1%
Bachelor Technical and Applied Studies	1	1%
Master of Divinity	1	1%
Bachelor Business Administration	1	1%
Master Public Administration	1	1%
BS Business Administration	1	1%
BS Nursing	1	1%
AA	1	1%
BS Integrated Healthcare Studies	1	1%
BS Health Administration	1	1%
90		

Institution	Degree Count	Percent
THE OHIO STATE UNIVERSITY	28	37%
MOUNT VERNON NAZARENE UNIVERSITY	20	25%
CENTRAL OHIO TECHNICAL COLLEGE	6	7%
OHIO UNIVERSITY	5	8%
INDIANA WESLEYAN UNIVERSITY	4	4%
SOUTHERN NEW HAMPSHIRE UNIVERSITY	2	3%
UNIVERSITY OF PHOENIX	2	1%
CLEVELAND STATE UNIVERSITY	1	1%
CAPITAL UNIVERSITY COLUMBUS	1	1%
SINCLAIR COMMUNITY COLLEGE	1	2%
FRANKLIN UNIVERSITY	1	1%
WILMINGTON UNIVERSITY	1	2%
THE UNIVERSITY OF ARIZONA GLOBAL CAMPUS	1	1%
MIDAMERICA NAZARENE UNIVERSITY	1	1%
WESTERN GOVERNORS UNIVERSITY	1	2%
BRESICA UNIVERSITY	1	1%
CENTRAL METHODIST UNIVERSITY	1	1%
MUSKINGUM UNIVERSITY	1	1%
78		

¹Limitations of the National Student Clearinghouse - Student Tracker query system include the possibility of records being suppressed by student/graduate and/or colleges may not participate in the file submission to allow students to be located.

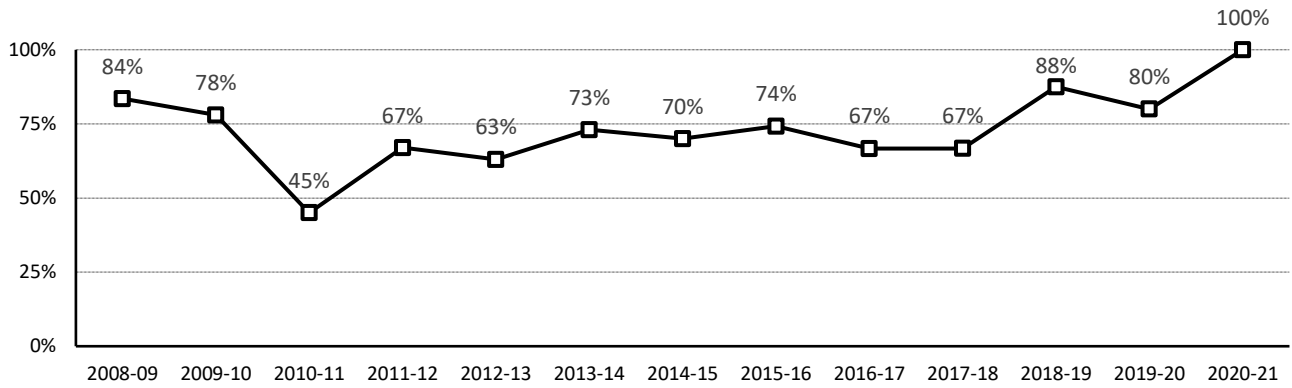
GRADUATE SATISFACTION - COTC Office of Student Life Graduate Follow-up Survey Results

The Human Services Technology program administers a graduate follow-up survey to recent graduates following each commencement. The program also collects graduate information from a graduate survey administered by the COTC Office of Career Development. Data are collected and analyzed for the purposes of evaluating graduate satisfaction and supporting continuous quality improvement of the academic program.

Please indicate which of the following statements best describes your current employment status¹:

Grad Year	Employed Full-Time	Employed Part Time by Choice	Employed at least Part-Time	Not Employed but Searching	Not Employed and Not Searching
2008-09	17%	67%	84%	17%	0%
2009-10	67%	11%	78%	0%	11%
2010-11	27%	18%	45%	27%	0%
2011-12	27%	40%	67%	13%	7%
2012-13	53%	10%	63%	11%	4%
2013-14	57%	16%	73%	12%	4%
2014-15	50%	20%	70%	0%	20%
2015-16	41%	33%	74%	17%	0%
2016-17	50%	17%	67%	17%	8%
2017-18	67%	0%	67%	0%	0%
2018-19	13%	75%	88%	13%	0%
2019-20	60%	20%	80%	0%	20%
2020-21	80%	20%	100%	0%	0%

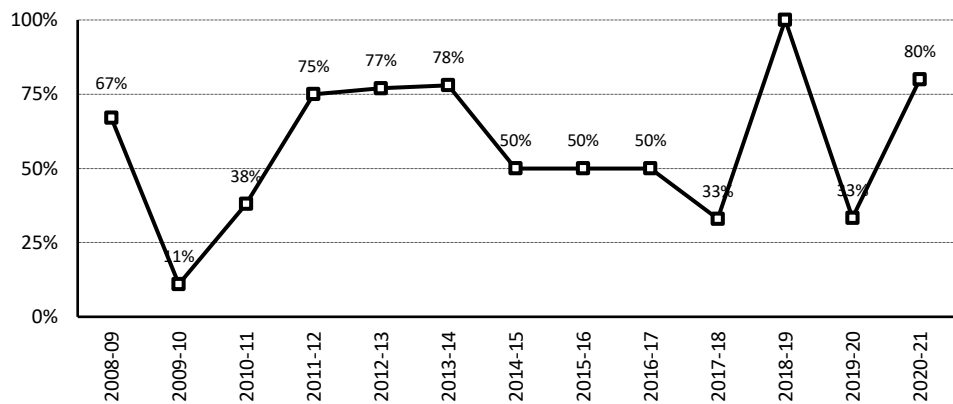
Rate of Respondents Reporting Employment of At Least Part-Time



Is your current employment related to your field of study¹?

Grad Year	Yes
2008-09	67%
2009-10	11%
2010-11	38%
2011-12	75%
2012-13	77%
2013-14	78%
2014-15	50%
2015-16	50%
2016-17	50%
2017-18	33%
2018-19	100%
2019-20	33%
2020-21	80%

Rate of Respondents Reporting Employment Related to Field of Study

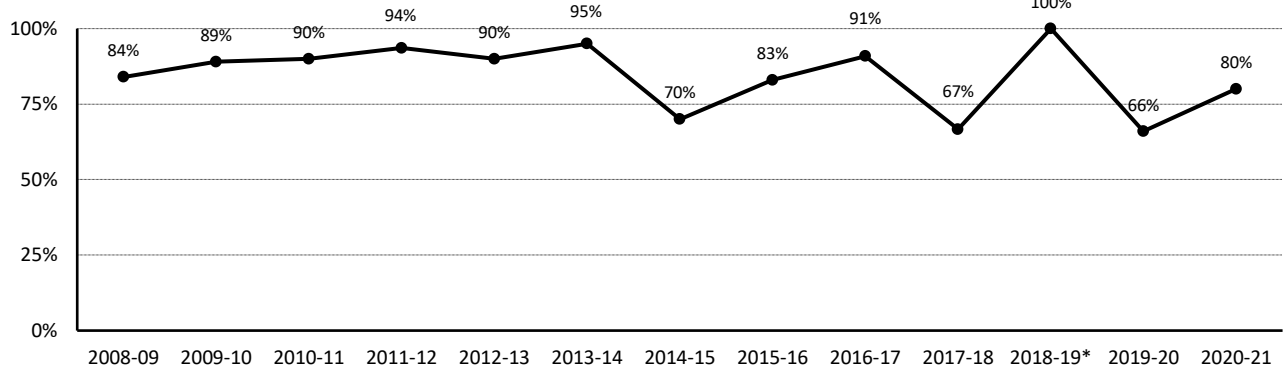


The courses in your technology gave you the skills to be successful in the major areas with your job¹?

Grad Year	Very Well	Well	Somewhat	At Least Somewhat
2008-09	67%	17%	0%	84%
2009-10	22%	56%	11%	89%
2010-11	10%	40%	40%	90%
2011-12	27%	60%	7%	94%
2012-13	31%	41%	18%	90%
2013-14	34%	44%	17%	95%
2014-15	40%	30%	0%	70%
2015-16	58%	17%	8%	83%
2016-17	64%	27%	0%	91%
2017-18	67%	0%	0%	67%
2018-19*				100%
2019-20				66%
2020-21				80%

*question changed to "my experience at COTC has prepared me to be successful in my current job or position" (very well or well prepared)

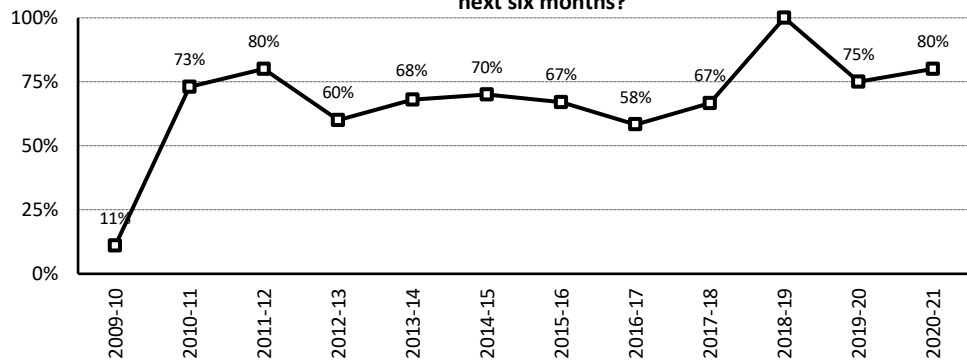
Rate of Respondents Reporting 'Very Well or Well Prepared' to
"My experience at COTC has prepared me to be successful in my current job or position"



Do you plan to enroll in an additional training or degree program within the next six months¹?

Grad Year	Yes
2009-10	11%
2010-11	73%
2011-12	80%
2012-13	60%
2013-14	68%
2014-15	70%
2015-16	67%
2016-17	58%
2017-18	67%
2018-19	100%
2019-20	75%
2020-21	80%

Rate of Graduates Responding 'Yes' to
"Do you plan to enroll in an additional training or degree program within the next six months?"



¹Percentages may not equal 100% due to rounding and/or not applicable response category
Source: Student Life, Office of Career Development and Experiential Learning, and Human Services Technology Program
Director Tressa Arnold - Please contact each Office for methodological notes

GRADUATE SATISFACTION - Human Services Technology Graduate Follow-up Survey Results

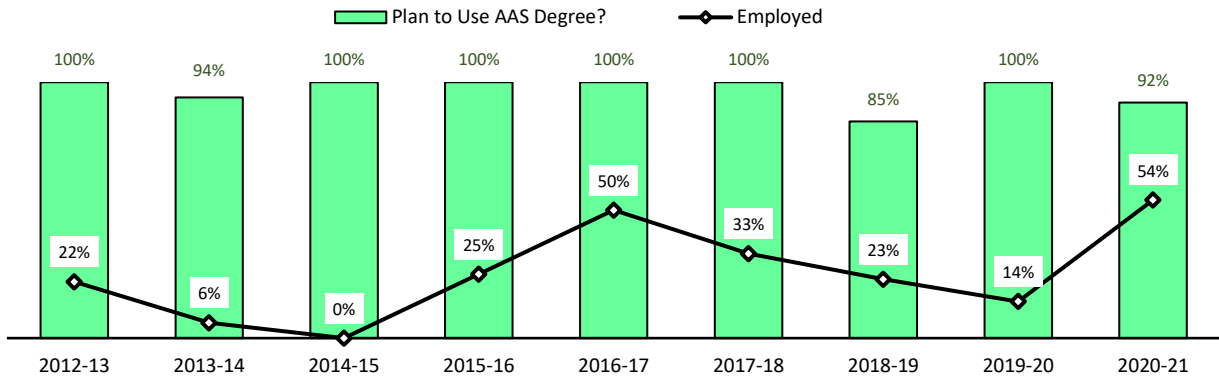
The following information was collected by the Human Services Technology Program to assess Graduate Outcomes as part of the Program's Graduate Follow-up Survey. Measurement are taken twice - At Commencement and six months after commencement.

AT COMMENCEMENT

Are you currently employed? Do you plan to use your AAS degree?

Grad Year	Employed	Not Employed	Not Seeking Employment	Combined Not Employed/Not Seeking Employment	Plan to Use AAS Degree?
2012-13	22%	64%	14%	78%	100%
2013-14	6%	88%	6%	94%	94%
2014-15	0%	50%	50%	100%	100%
2015-16	25%	50%	25%	75%	100%
2016-17	50%	38%	12%	50%	100%
2017-18	33%	67%	0%	67%	100%
2018-19	23%	62%	15%	77%	85%
2019-20	14%	29%	57%	86%	100%
2020-21	54%	38%	8%	46%	92%

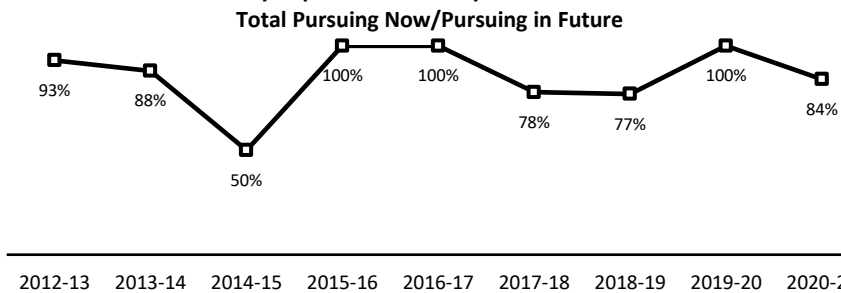
Are you currently employed? Do you plan to use your AAS degree?



Do you plan to continue your education?

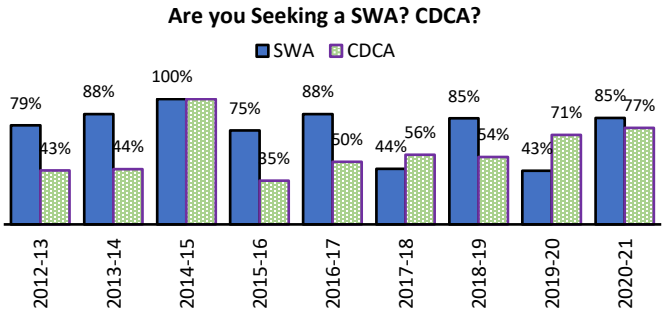
Grad Year	Pursuing Now	Pursuing in Future	Undecided	No Plans to Pursue	Total Pursuing Now/Pursuing in Future
2012-13	57%	36%	7%	0%	93%
2013-14	50%	38%	0%	12%	88%
2014-15	0%	50%	0%	50%	50%
2015-16	45%	55%	0%	0%	100%
2016-17	50%	50%	0%	0%	100%
2017-18	0%	78%	0%	22%	78%
2018-19	31%	46%	0%	23%	77%
2019-20	67%	33%	0%	0%	100%
2020-21	38%	46%	0%	15%	84%

Do you plan to continue your education?



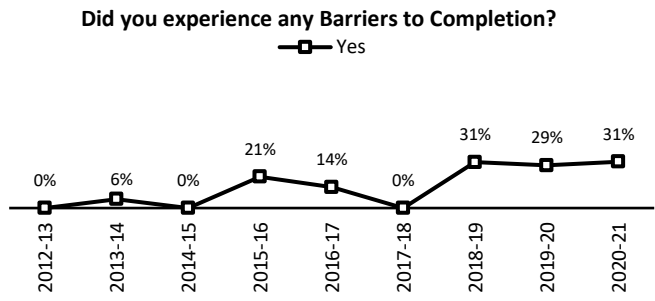
Are you seeking a SWA? Are you seeking a CDCA?

Grad Year	SWA	CDCA
2012-13	79%	43%
2013-14	88%	44%
2014-15	100%	100%
2015-16	75%	35%
2016-17	88%	50%
2017-18	44%	56%
2018-19	85%	54%
2019-20	43%	71%
2020-21	85%	77%



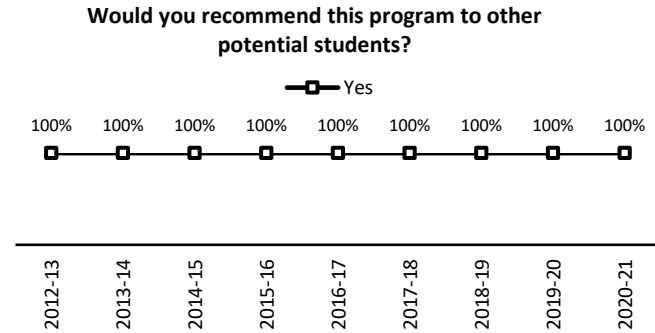
Did you experience any barriers to completion?

Grad Year	Yes	No
2012-13	0%	100%
2013-14	6%	94%
2014-15	0%	100%
2015-16	21%	79%
2016-17	14%	86%
2017-18	0%	100%
2018-19	31%	54%
2019-20	29%	71%
2020-21	31%	69%



Would you recommend this program to other potential students?

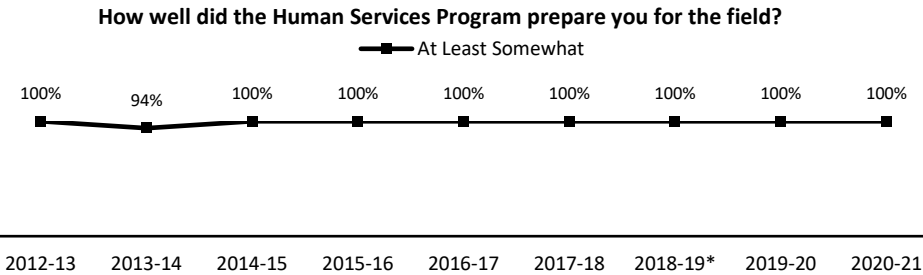
Grad Year	Yes	No
2012-13	100%	0%
2013-14	100%	0%
2014-15	100%	0%
2015-16	100%	0%
2016-17	100%	0%
2017-18	100%	0%
2018-19	100%	0%
2019-20	100%	0%
2020-21	100%	0%



How well did the Human Services Program prepare you for the field?

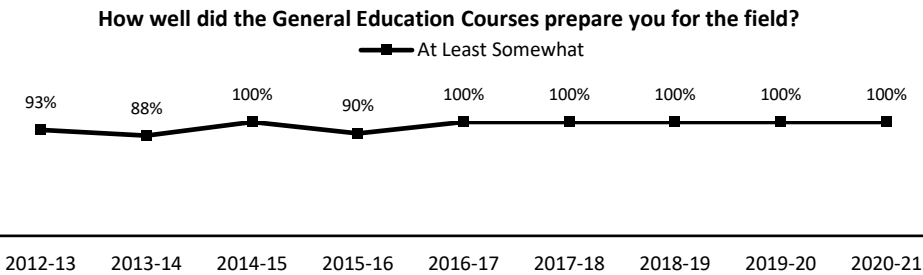
Grad Year	Very Well	Well	Somewhat	At Least Somewhat
2012-13	71%	29%	0%	100%
2013-14	88%	6%	0%	94%
2014-15	50%	50%	0%	100%
2015-16	60%	40%	0%	100%
2016-17	75%	25%	0%	100%
2017-18	50%	50%	0%	100%
2018-19*	75%	25%	0%	100%
2019-20	71%	29%	0%	100%
2020-21	85%	15%	0%	100%

*1 n/a response



How well did the General Education Courses prepare you for the field?

Grad Year	Very Well	Well	Somewhat	At Least Somewhat
2012-13	36%	50%	7%	93%
2013-14	25%	50%	13%	88%
2014-15	50%	0%	50%	100%
2015-16	35%	30%	25%	90%
2016-17	43%	43%	14%	100%
2017-18	38%	63%	0%	100%
2018-19	42%	25%	8%	100%
2019-20	43%	29%	29%	100%
2020-21	85%	8%	8%	100%



COMMENTS

- I enjoyed this program. I felt connected with the courses and professors here at COTC.
- I think all professions should have some Human Services education.
- I am very appreciative of Mrs. Arnold and Human Services professionals.
- I am proud to be a COTC Alumni.
- Thank you for everything. 4 semesters ago I had no clue what I wanted to do with my life, now next week I start my first job in the Human Services Field and have opened myself up to other opportunities as well.
- This program is an excellent and superbly taught program. The instructors were immensely knowledgeable about human services and having their insight was the biggest advantage of this program. I feel what I have learned in two years seems like a four year program. To put into words what I have learned is difficult because I truly feel I learned so much!

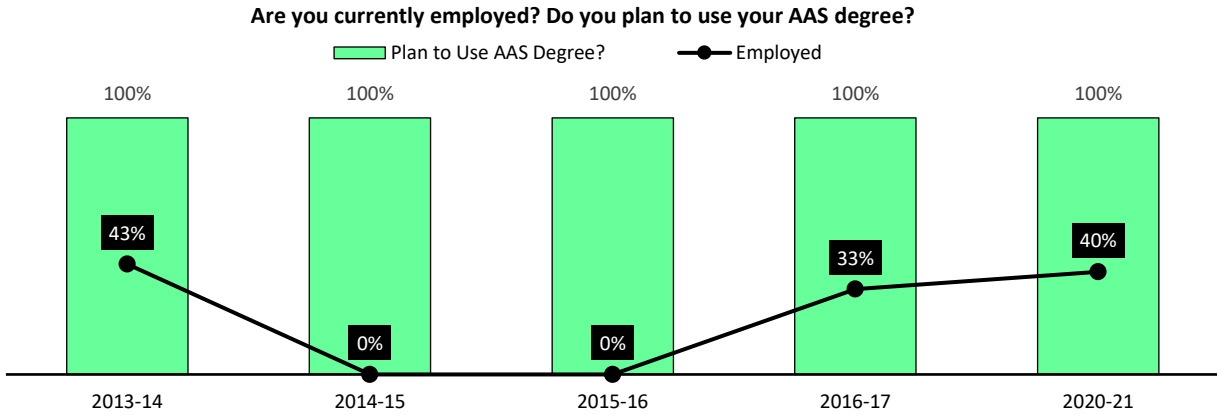
ISSUES

- Certain professors on how they think their curriculum is set for learning to disable individuals. I have had an issue with a few professors while completing both degrees.
- Illness, Covid, Pregnancy
- Medical Reasons

SIX MONTHS AFTER COMMENCEMENT
Are you currently employed? Do you plan to use your AAS degree?

Grad Year	Employed	Not Employed	Not Seeking Employment	Combined Not Employed/Not Seeking Employment	Plan to Use AAS Degree?
2013-14	43%	43%	14%	57%	100%
2014-15	0%	50%	50%	100%	100%
2015-16	0%	0%	100%	100%	100%
2016-17	33%	33%	33%	67%	100%
2017-18					
2020-21	40%	20%	40%	60%	100%

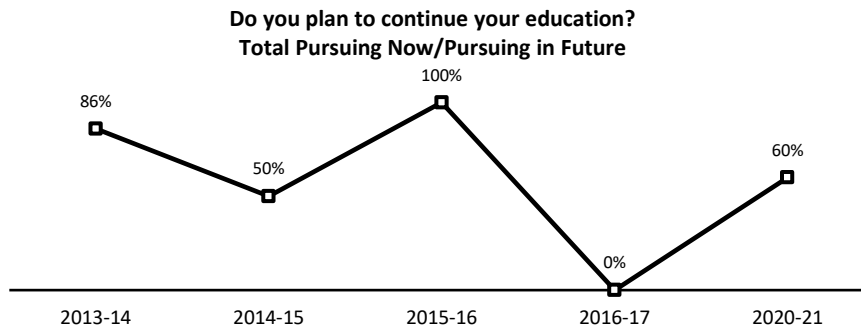
no responses in 2017-18



Do you plan to continue your education?

Grad Year	Pursuing Now	Pursuing in Future	Undecided	No Plans to Pursue	Total Pursuing Now/Pursuing in Future
2013-14	43%	43%	0%	14%	86%
2014-15	0%	50%	0%	50%	50%
2015-16	100%	0%	0%	0%	100%
2016-17	0%	0%	0%	67%	0%
2017-18					
2020-21	40%	20%	0%	40%	60%

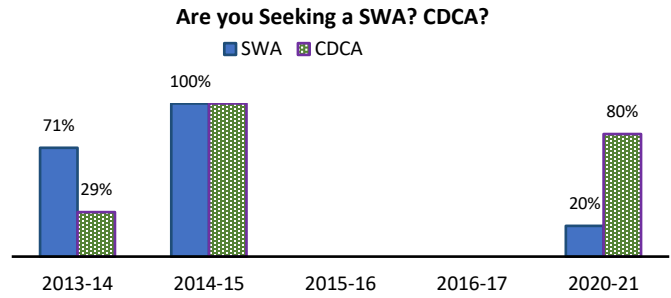
no responses in 2017-18



Are you seeking a SWA? Are you seeking a CDCA?

Grad Year	SWA	CDCA
2013-14	71%	29%
2014-15	100%	100%
2015-16	0%	0%
2016-17	0%	0%
2017-18		
2020-21	20%	80%

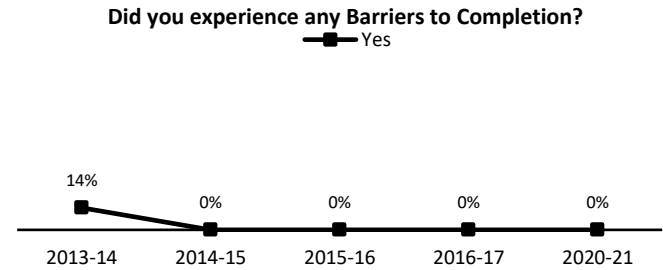
no responses in 2017-18



Did you experience any barriers to completion?

Grad Year	Yes	No
2013-14	14%	86%
2014-15	0%	100%
2015-16	0%	100%
2016-17	0%	100%
2017-18		
2020-21	0%	80%

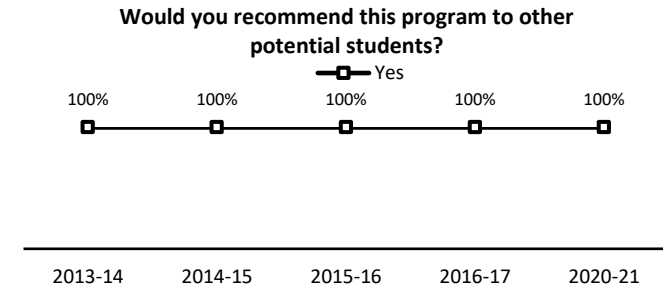
no responses in 2017-18



Would you recommend this program to other potential students?

Grad Year	Yes	No
2013-14	100%	0%
2014-15	100%	0%
2015-16	100%	0%
2016-17	100%	0%
2017-18		
2020-21	100%	0%

no responses in 2017-18

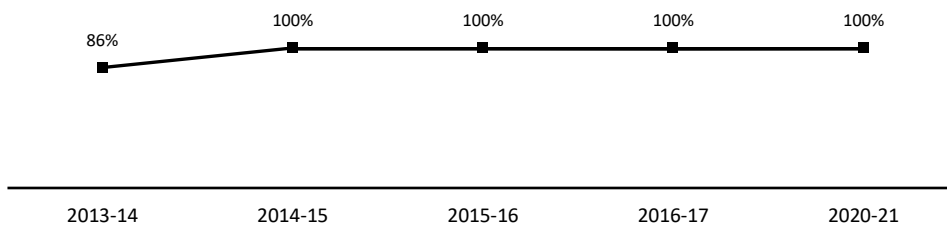


How well did the Human Services Program prepare you for the field?

Grad Year	Very Well	Well	Somewhat	At Least Somewhat
2013-14	43%	43%	0%	86%
2014-15	50%	50%	0%	100%
2015-16	100%	0%	0%	100%
2016-17	33%	33%	33%	100%
2017-18				
2020-21	100%	0%	0%	100%

no responses in 2017-18

How well did the Human Services Program prepare you for the field?

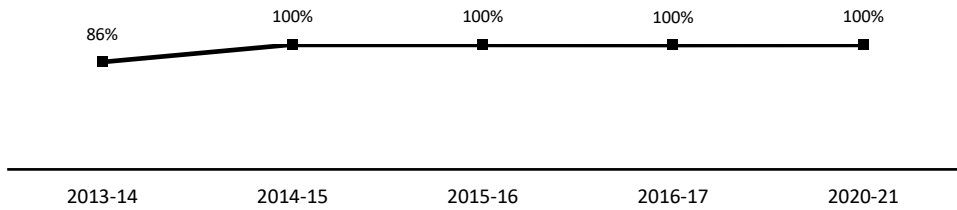


How well did the General Education Courses prepare you for the field?

Grad Year	Very Well	Well	Somewhat	At Least Somewhat
2013-14	29%	43%	14%	86%
2014-15	50%	0%	50%	100%
2015-16	0%	0%	100%	100%
2016-17	33%	33%	33%	100%
2017-18				
2020-21	75%	0%	25%	100%

no responses in 2017-18

How well did the General Education Courses prepare you for the field?



COMMENTS

- Jennifer Arny is the best instructor at COTC. Rob Johnson is a close second
- My experience was excellent and I would recommend.
- Grateful for the program, got hired right out of internship and still love my job every day!
- The education I received at COTC has led to my success that I have had at OSU. The instructors at COTC were exemplary and I feel very prepared to take the next steps in my career.

¹Percentages may not equal 100% due to rounding and/or not applicable response category

EMPLOYER SATISFACTION - COTC Office of Student Life Employer Survey Results

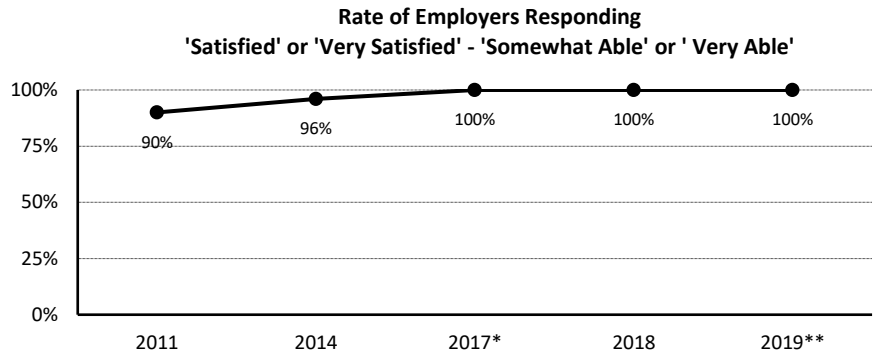
Central Ohio Technical College administers an employer survey every year (starting in 2017, every 3 years prior) to gauge workforce needs from employers who may hire or have hired COTC graduates. COTC administers an employer survey through the Office of Career Development. Data are collected and analyzed for the purposes of evaluating employer satisfaction with graduates, determining curricular needs to meet workforce demands, and supporting continuous quality improvement of the academic program.

Please indicate your satisfaction with the education of graduates you've hired¹:

Survey Year	Very Satisfied or Satisfied
2011	90%
2014	96%
2017*	100%
2018	100%
2019**	100%

COTC Started asking program-specific questions in 2017; Please rate your COTC graduate-employees' ability on program specific learning outcome

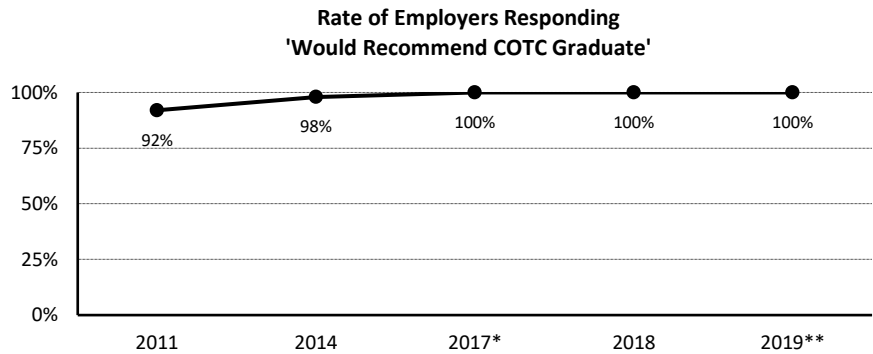
**Would you refer the HSV program? (%-yes)



Please indicate if you would recommend COTC graduates¹:

Survey Year	Would Recommend COTC Graduate
2011	92%
2014	98%
2017*	100%
2018	100%
2019**	100%

*Rating from Employer-Respondents for Human Services Graduates



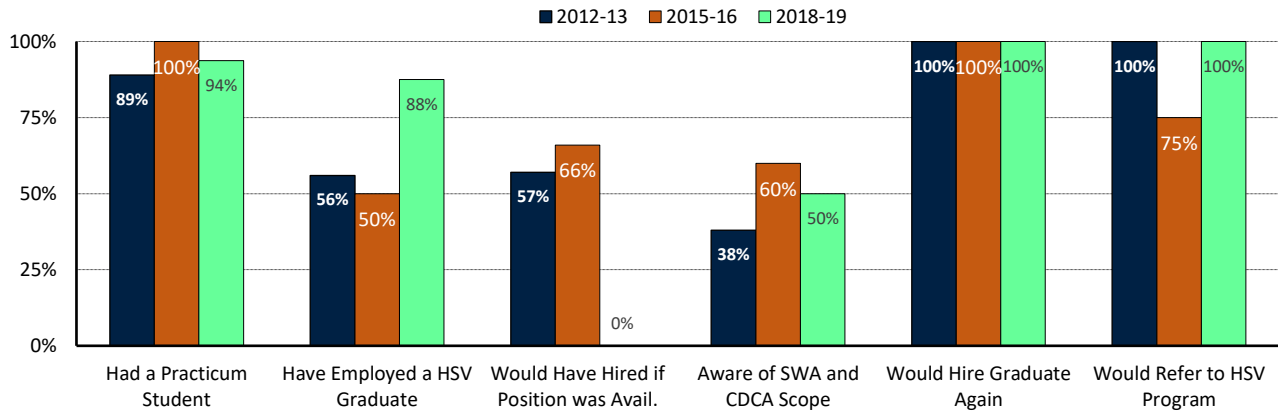
EMPLOYER SATISFACTION - COTC Human Services Technology Employer Survey Results

The Human Services Technology Employer Survey is administered every three years.

Response Rates for the HSV Employer Survey

Response Item	Survey Year				
	2012-13	2015-16	2018-19	2021-2022	2024-25
Had a Practicum Student	89%	100%	94%		
Have Employed a HSV Graduate	56%	50%	88%		
Would Have Hired if Position was Avail.	57%	66%	no response		
Aware of SWA and CDCA Scope	38%	60%	50%		
Would Hire Graduate Again	100%	100%	100%		
Would Refer to HSV Program	100%	75%	100%		

Response Rates for the HUM Employer Survey



Central Ohio Technical College
Human Services Technology, Student Achievement Indicators Report

In summer 2017, COTC revised and administered a new Employer Satisfaction Survey which expanded on previous survey administrations to include questions about employer's priorities over the next 1-2 years, as well as to collect feedback from these respondents on graduate's General Education and Technology Education learning outcomes. Those responses for Human Services Technology are below.

HUMAN SERVICES HUM.AAS (2019)	
Represented Industries: Outpatient mental health and substance abuse centers, child and youth services, legal counsel and prosecution, other individual and family services	
Number of Employers Responding: 6	
Responses based on approximate number of graduates: 6	
Overall Satisfaction Mean = 4.40	Overall Satisfaction Scale for employers who have hired & supervise graduate(s) <i>1 = Highly Unsatisfied to 5 = Highly Satisfied</i>
Responses associated with Satisfaction: - I feel that COTC teaches their students well. I have had many different Interns of varying levels from COTC and some students excel and others are just unable to excel, even though they have great training and education. - They are both wonderful assets to our company and continue to grow and develop professionally. - Any employees we have had from COTC have been excellent employees. - They were wonderful to work with and I would hire them as employees based on their work as interns. - I have NEVER had any type of issues with COTC interns - not late, respectful, willing to learn -however, I do not employ any graduates	
Graduate Skill Assessment	On a scale from 1-5 with 1 being 'Very Unable' and 4 being 'Very Able' <i>5= Not applicable</i>

General Skills	Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	NA
Read, write, speak, listen, and analyze written and spoken communication		17%	83%	
Make informed decisions using mathematical data and logical thinking		100%	100%	
Use logical inquiry and problem solving strategies		33%	67%	
Test and evaluate hypotheses		33%	67%	
Aware of social and cultural differences		17%	83%	
Technical Skills	Does Not Meet Expectations	Meets Expectations	Exceeds Expectations	NA
Demonstrate an understanding of the role of the human services worker in a variety of social services settings		17%	83%	
Examine current social issues and their impact on society, including substance abuse and dependence		33%	67%	
Compare and contrast a variety of family and multidimensional systems in relation to human behaviors and the environment		33%	67%	
Apply interpersonal and group leadership skills in helping relationships		17%	83%	
Apply case management skills, including documentation, assessment, treatment planning, crisis intervention and the ability to make appropriate referrals		33%	67%	
Demonstrate the ability to adhere to professional, ethical standards, including confidentiality, sensitivity when working with diverse populations and responsibility for professional growth		33%	67%	

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Additional Questions		
Would you recommend COTC graduates to a another employer?	Yes = 6 (100%)	No = 0
Would you hire a COTC graduate again?	Yes = 6 (100%)	No = 0

Additional Responses for 2019 included:

- We have not hired a COTC student as an employee but with the way the interns were we would definitely hire someone from COTC.
- I directly supervise a great graduate from COTC. I currently work with other graduates from COTC. I do not directly Supervise them. I find that most of the students from COTC are well prepared and caring. I have worked with or supervised others that are no longer at the agency. In general I have high expectations from COTC graduates and usually they all meet or exceed my expectations. Keep up the great work!!

¹Percentages may not equal 100% due to rounding and/or not applicable response category
 Source: Student Life, Office of Career Development and Experiential Learning, and Human Services Technology Program Director
 Tressa Arnold - Please contact each Office for methodological notes