

Central Ohio Technical College

Human Services Technology Program

Student Achievement Indicators Report



Newark • Coshocton • Knox • Pataskala

Last Updated: March 2021 - Through Autumn 2020

by

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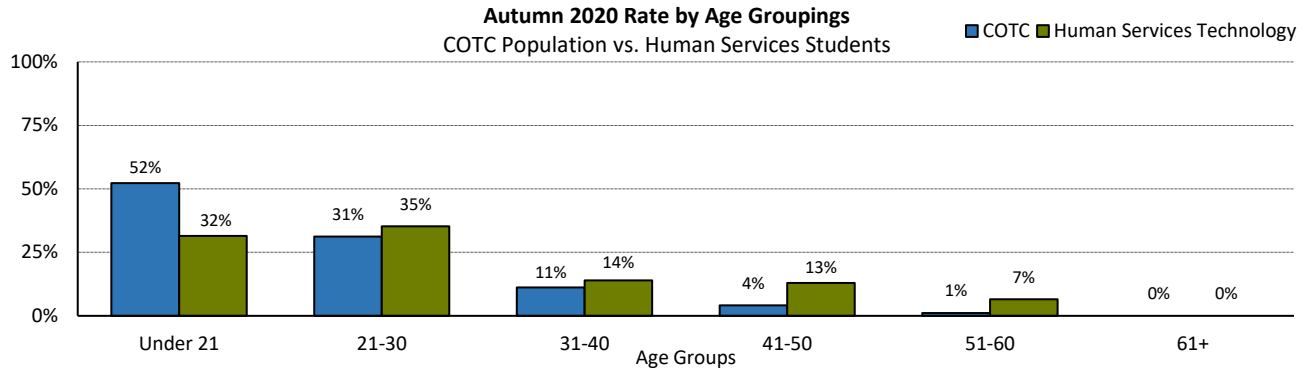
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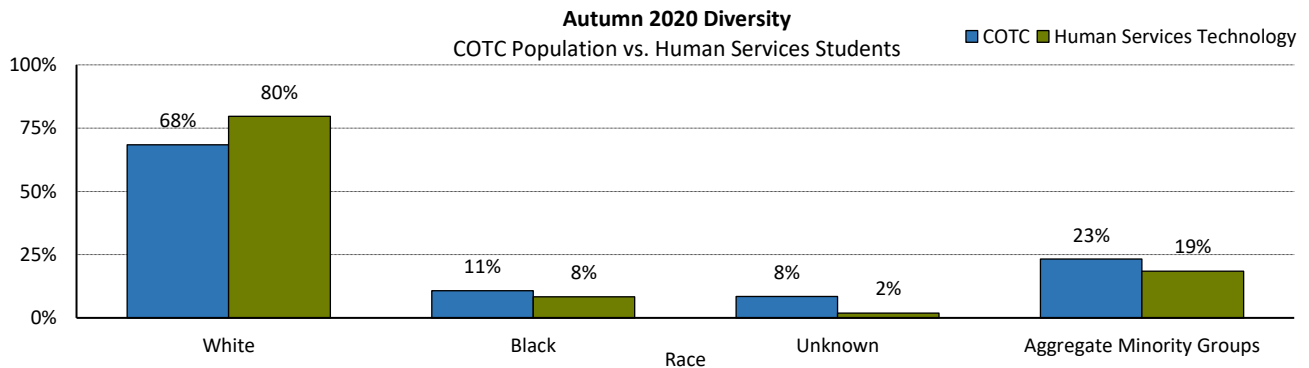
STUDENT DEMOGRAPHICS - Autumn 2020 - Degree/Certificate- and Non-Degree/Non-Certificate Human Services Students

AGE*		
Age Groups	COTC	Human Services Technology
Under 21	52%	32%
21-30	31%	35%
31-40	11%	14%
41-50	4%	13%
51-60	1%	7%
61+	0%	0%



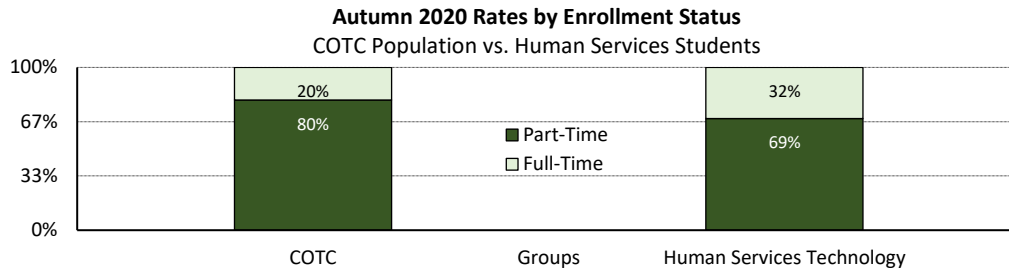
*20AU Semester Census
 Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program

DIVERSITY*		
Race	COTC	Human Services Technology
White	68%	80%
Black	11%	8%
Unknown	8%	2%
Two or More Races	7%	2%
Hispanic or Latino	3%	1%
Asian	3%	0%
American Indian/Alaskan Native	0%	0%
Native Hawaiian/Other Pacific Islander	0%	0%
Aggregate Minority Groups	23%	19%



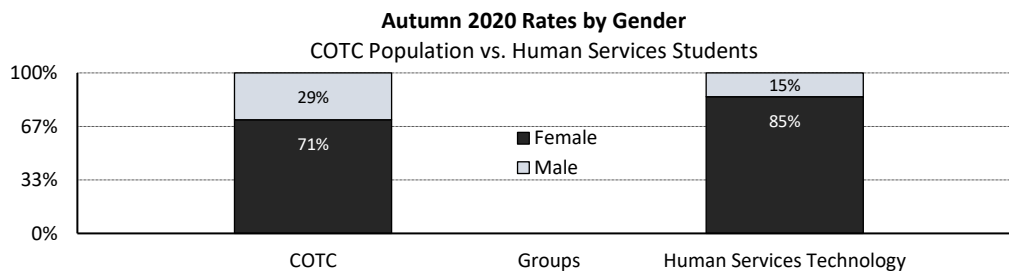
*20AU Semester Census
 Minority is all non white or unknown
 Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program
 Proportions may not sum to 100% due to rounding.

ENROLLMENT STATUS*		
Status	COTC	Human Services Technology
Part-Time	80%	69%
Full-Time	20%	32%



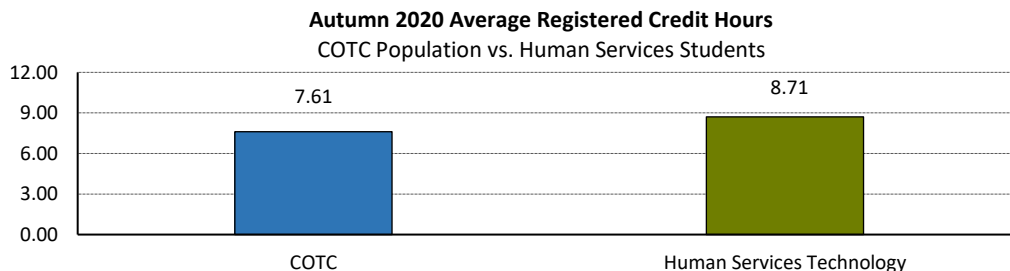
*20AU Semester Census <12/12+ registered credits at 15th day
 Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program
 Proportion may not sum to 100% due to rounding.

GENDER*		
Gender	COTC	Human Services Technology
Female	71%	85%
Male	29%	15%



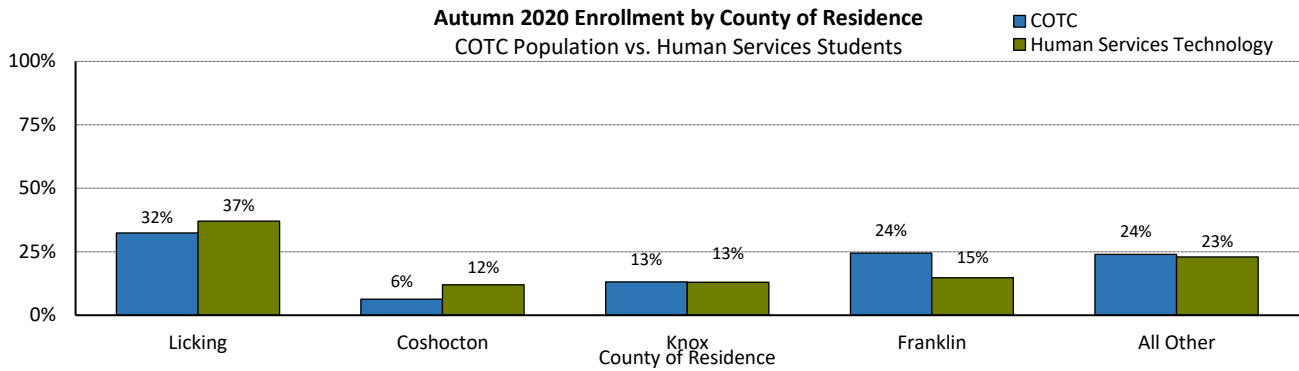
*20AU Semester Census
 Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program
 Proportion may not sum to 100% due to rounding.

REGISTERED CREDIT HOURS*		
Credits	COTC	Human Services Technology
Average Credit Hours	7.61	8.71



*20AU Semester Census
 Source: Semester Census Capture, Enrollment by Department

COUNTY OF RESIDENCE*		
County	COTC	Human Services Technology
Licking	32%	37%
Coshocton	6%	12%
Knox	13%	13%
Franklin	24%	15%
All Other	24%	23%



*20AU Semester Census

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

Proportion may not sum to 100% due to rounding.

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
2010-11	SM10	32	14	44%	3	9%	17	53%
	AU10	66	36	55%	8	12%	44	67%
	W11	33	12	36%	7	21%	19	58%
	SP11	33	14	42%	6	18%	20	61%
2011-12	SM11	32	8	25%	9	28%	17	53%
	AU11	60	31	52%	2	3%	33	55%
	W112	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	83	25	30%	12	14%	37	45%
	20SP	58	10	17%	1	2%	11	19%
2020-21	20SM	35	3	9%	4	11%	7	20%
	20AU	88	22	25%	9	10%	31	35%
	21SP	64	7	11%		0%	7	11%
Overall Totals/Rates		1,683	521	31%	184	11%	705	42%
AGGREGATED BY ACADEMIC YEAR								
Aggregate Data: By Academic Year	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
	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	161	39	24%	13	8%	52	32%
	2020-21	187	32	17%	13	7%	45	24%

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

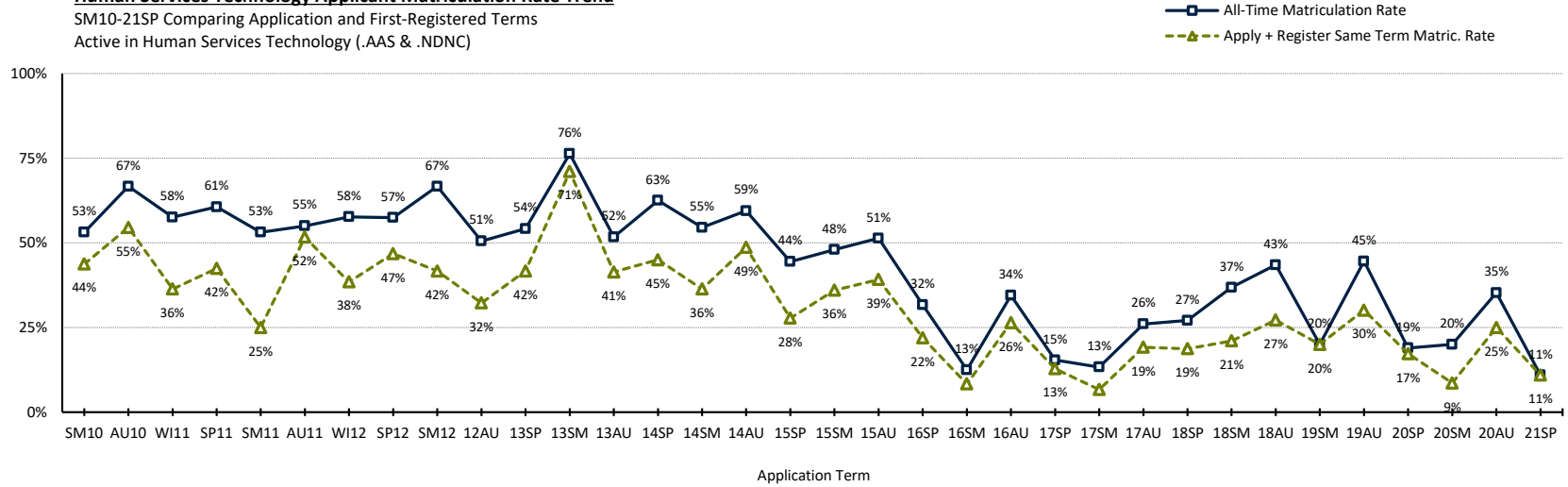
³Applied but Enrolled after Application Term (in future) in HUM program (cumulative) through spring 2021

Source: HUM Matriculation Source Report_Apps_Reg

Records as of March 2021

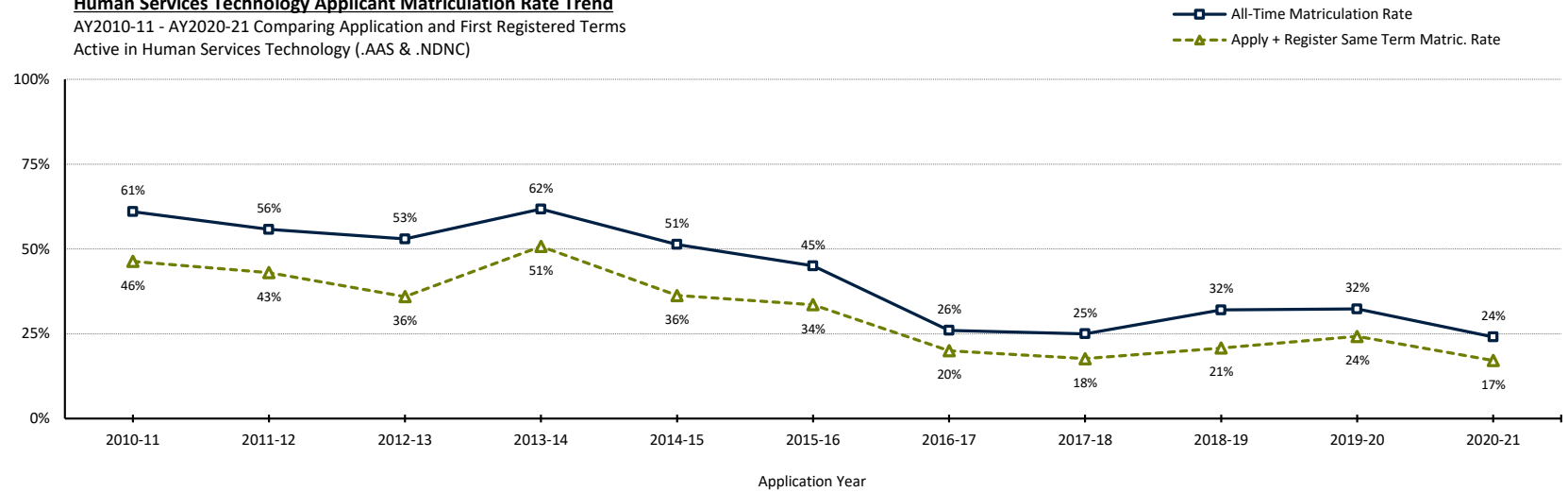
Human Services Technology Applicant Matriculation Rate Trend

SM10-21SP Comparing Application and First-Registered Terms
Active in Human Services Technology (.AAS & .NDNC)



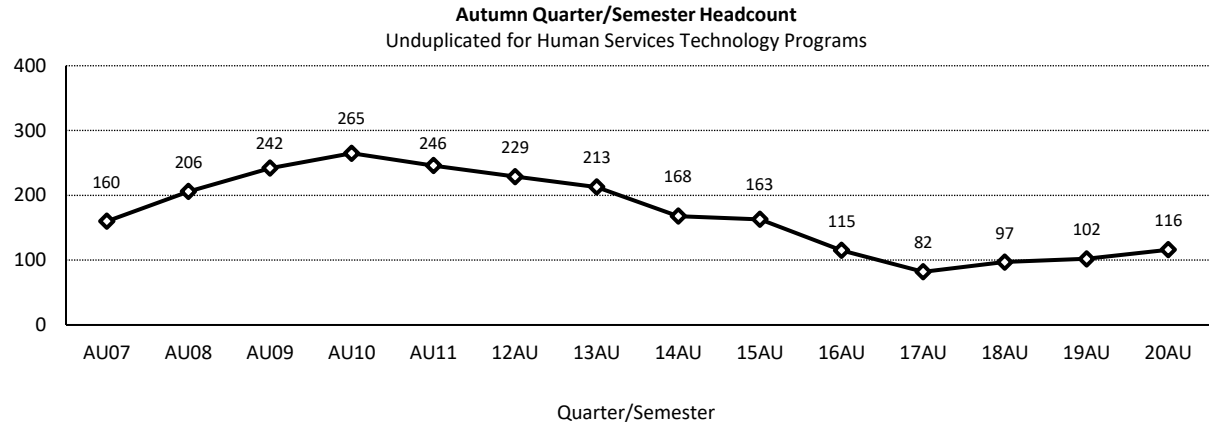
Human Services Technology Applicant Matriculation Rate Trend

AY2010-11 - AY2020-21 Comparing Application and First Registered Terms
Active in Human Services Technology (.AAS & .NDNC)



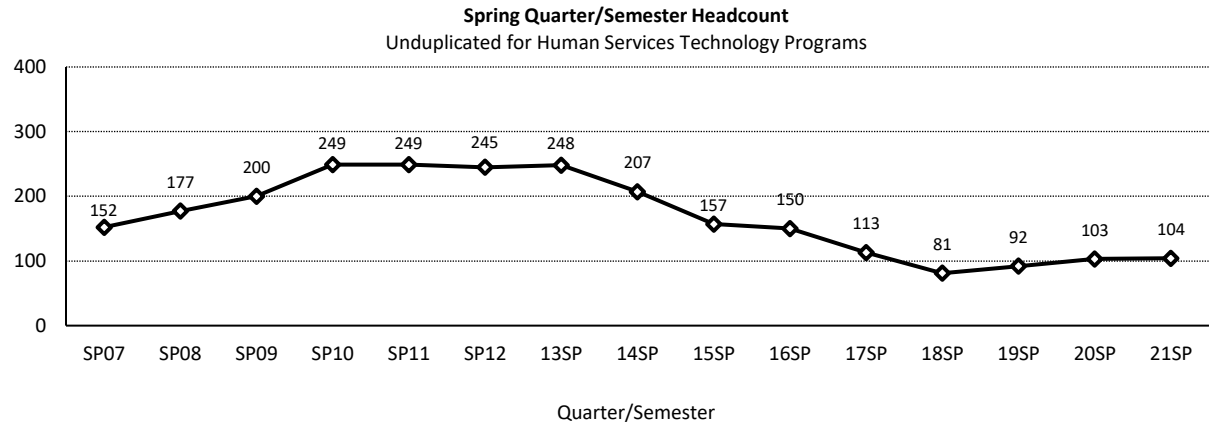
ENROLLMENT

AUTUMN-TERM ENROLLMENT*	
Autumn Term	Unduplicated Headcount
AU07	160
AU08	206
AU09	242
AU10	265
AU11	246
12AU	229
13AU	213
14AU	168
15AU	163
16AU	115
17AU	82
18AU	97
19AU	102
20AU	116



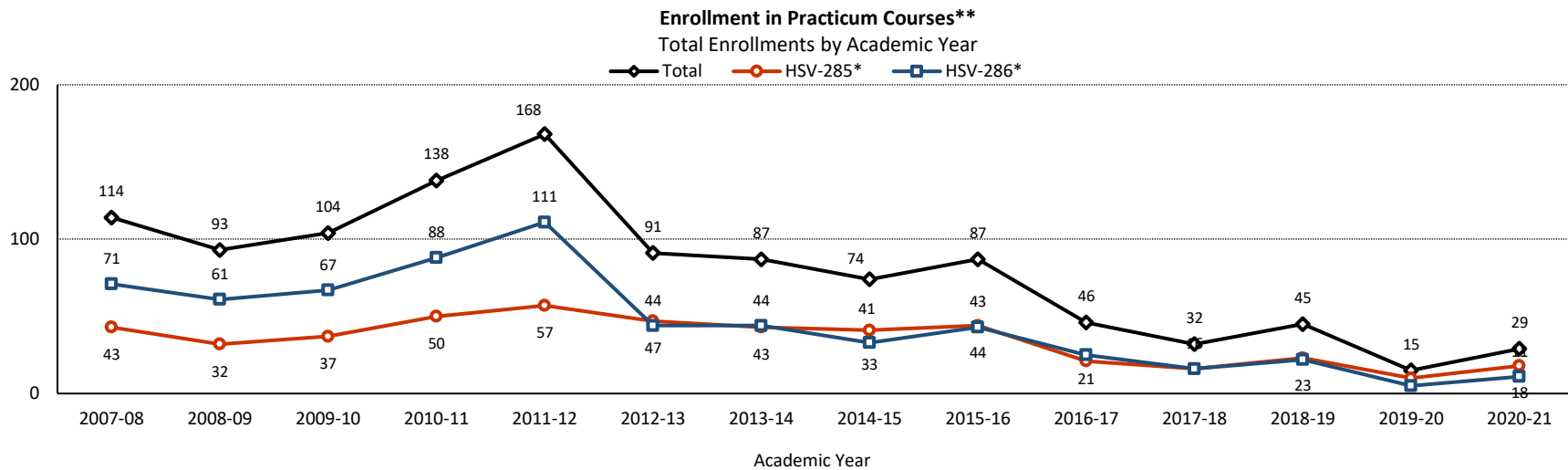
*Quarter/Semester Census, Degree- and Non-Degree, Non-Certificate Seeking Student
Source: Census Reports, Enrollment by Department

SPRING-TERM ENROLLMENT*	
Spring Term	Unduplicated Headcount
SP07	152
SP08	177
SP09	200
SP10	249
SP11	249
SP12	245
13SP	248
14SP	207
15SP	157
16SP	150
17SP	113
18SP	81
19SP	92
20SP	103
21SP	104



*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	10	5	15
2020-21	18	11	29



*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)

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	2010-11	1,393	1,224	61	95.6%	87.9%	91.9%
	2011-12	1,302	1,151	40	96.9%	88.4%	91.2%
	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%	
FACE-TO-FACE COURSES ¹	2010-11	1,041	922	46	95.6%	88.6%	92.7%
	2011-12	822	747	22	97.3%	90.9%	93.4%
	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%	
ONLINE COURSES ²	2010-11	352	302	15	95.7%	85.8%	89.6%
	2011-12	480	404	18	96.3%	84.2%	87.4%
	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%	
100-level Courses ⁹	2010-11	884	749	48	94.6%	84.7%	89.6%
	2011-12	786	677	27	96.6%	86.1%	89.2%
	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%	
200-level Courses ⁹	2010-11	509	475	13	97.4%	93.3%	95.8%
	2011-12	516	474	13	97.5%	91.9%	94.2%
	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%	

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

²Courses coded as WebCredit

³Enrollment as of quarter/semester census day

⁴Grades of "C or Better"

⁵Formal course withdraws

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

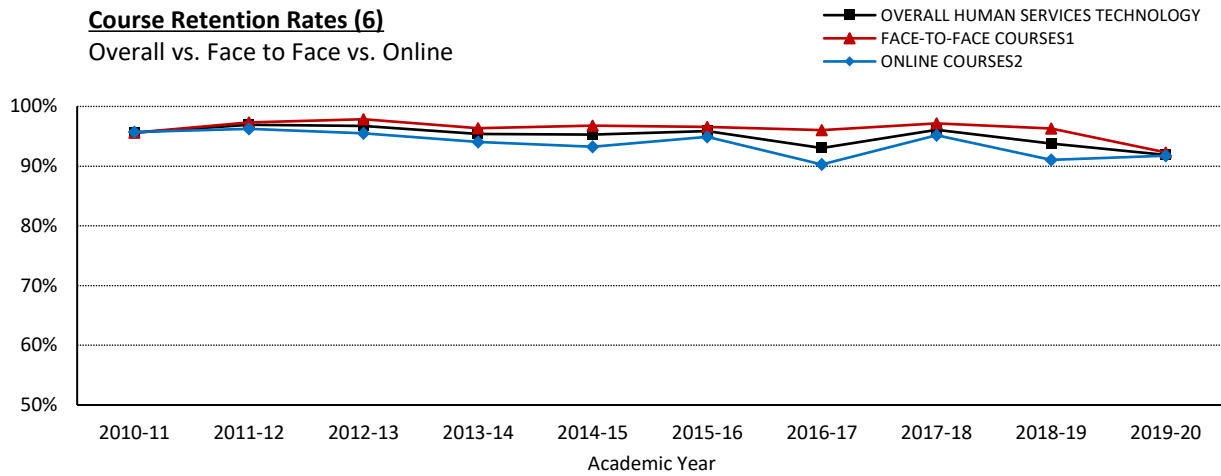
⁷"Enrollee Success Rate" = Grade of "C or better" ÷ Total Census Enrollment

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

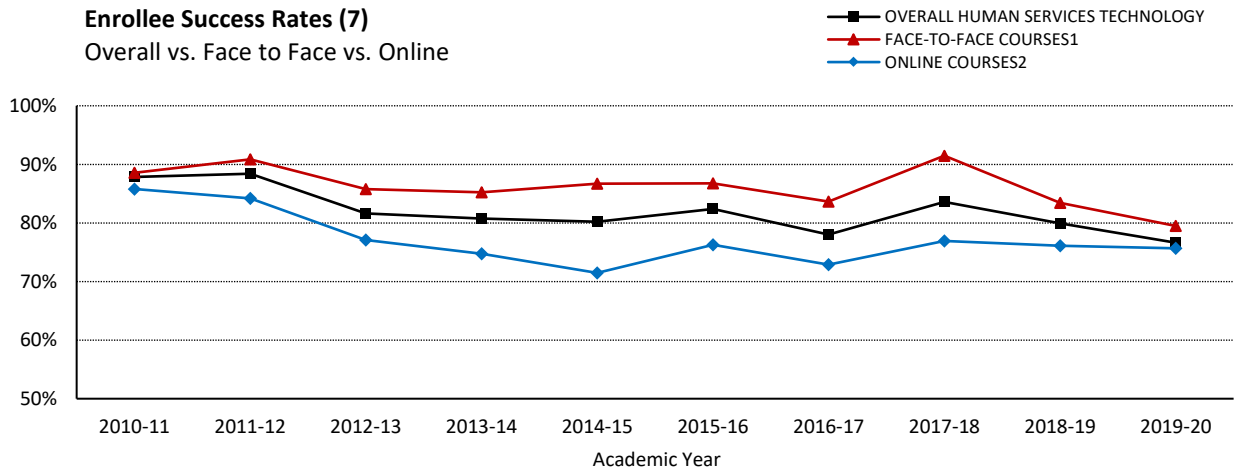
Course Retention Rates (6)

Overall vs. Face to Face vs. Online



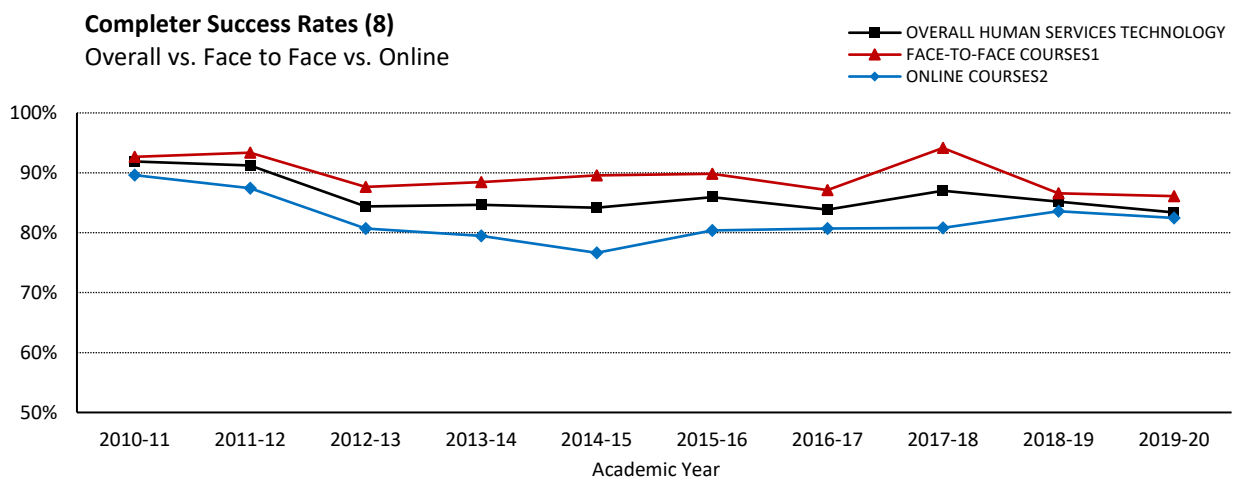
Enrollee Success Rates (7)

Overall vs. Face to Face vs. Online

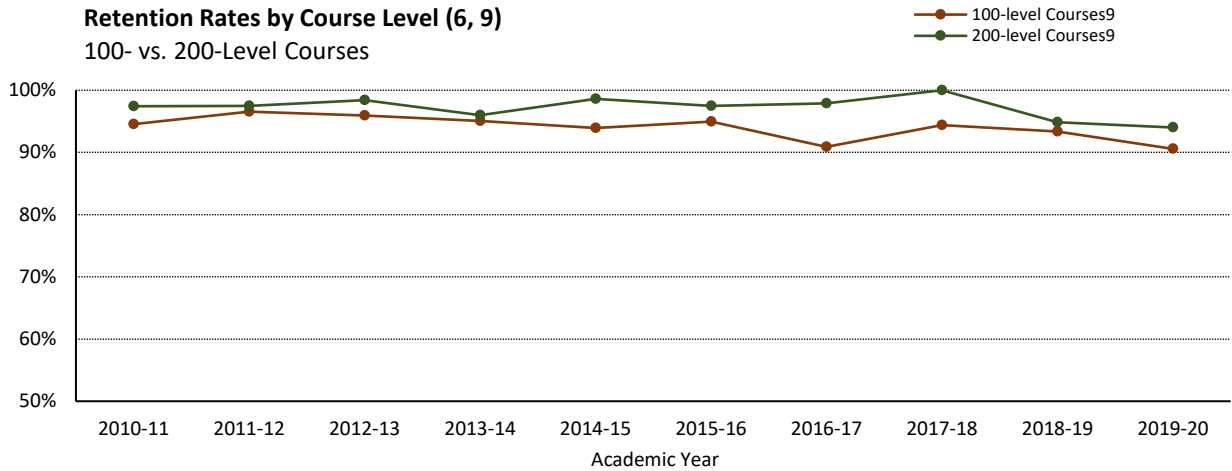


Completer Success Rates (8)

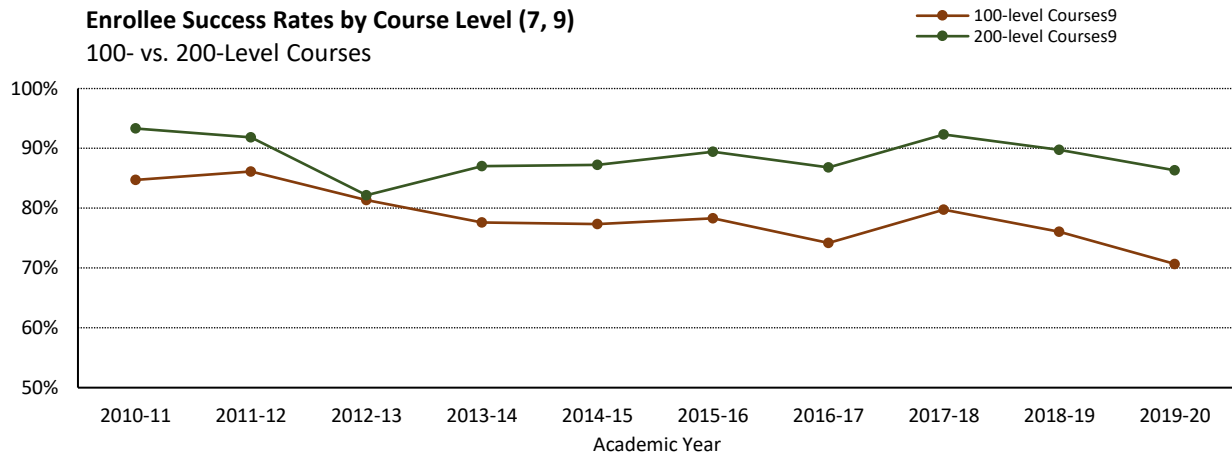
Overall vs. Face to Face vs. Online



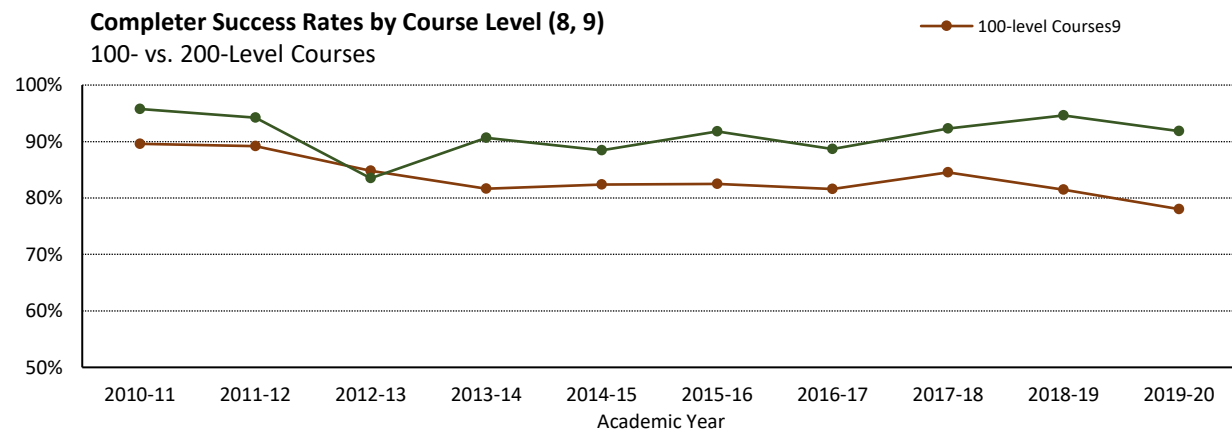
Retention Rates by Course Level (6, 9)
 100- vs. 200-Level Courses



Enrollee Success Rates by Course Level (7, 9)
 100- vs. 200-Level Courses



Completer Success Rates by Course Level (8, 9)
 100- vs. 200-Level Courses

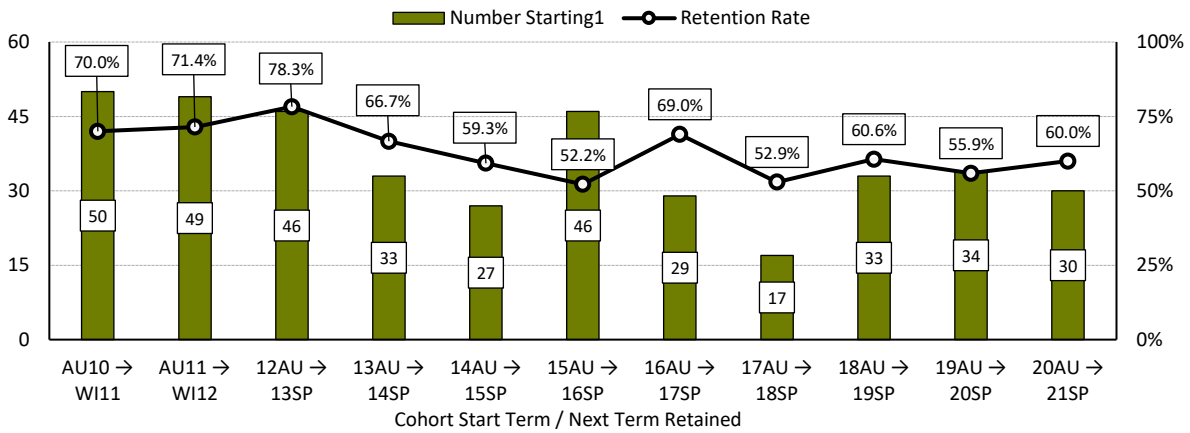


PROGRAM RETENTION AND GRADUATION

AUTUMN TO NEXT TERM RETENTION / COHORT GRADUATION

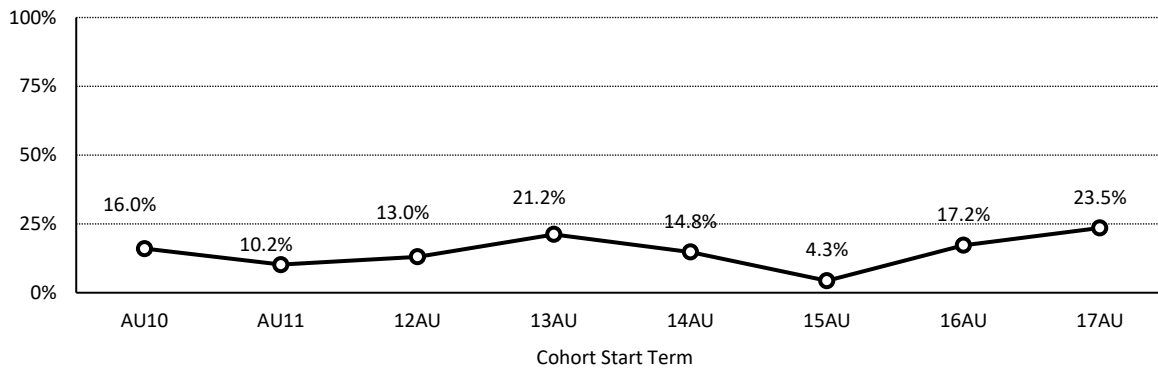
Term IDs	Number Starting ¹	Number Retained	Retention Rate	COHORT TERM	Number Graduating ²	Graduation Rate ²
AU10 → WI11	50	35	70.0%	AU10	8	16.0%
AU11 → WI12	49	35	71.4%	AU11	5	10.2%
12AU → 13SP	46	36	78.3%	12AU	6	13.0%
13AU → 14SP	33	22	66.7%	13AU	7	21.2%
14AU → 15SP	27	16	59.3%	14AU	4	14.8%
15AU → 16SP	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	34	19	55.9%	19AU	5	14.7%
20AU → 21SP	30	18	60.0%	20AU	2	6.7%
Overall Rates***	394	254	64.5%		41	13.8%
Rev. Grad #³:					297	

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



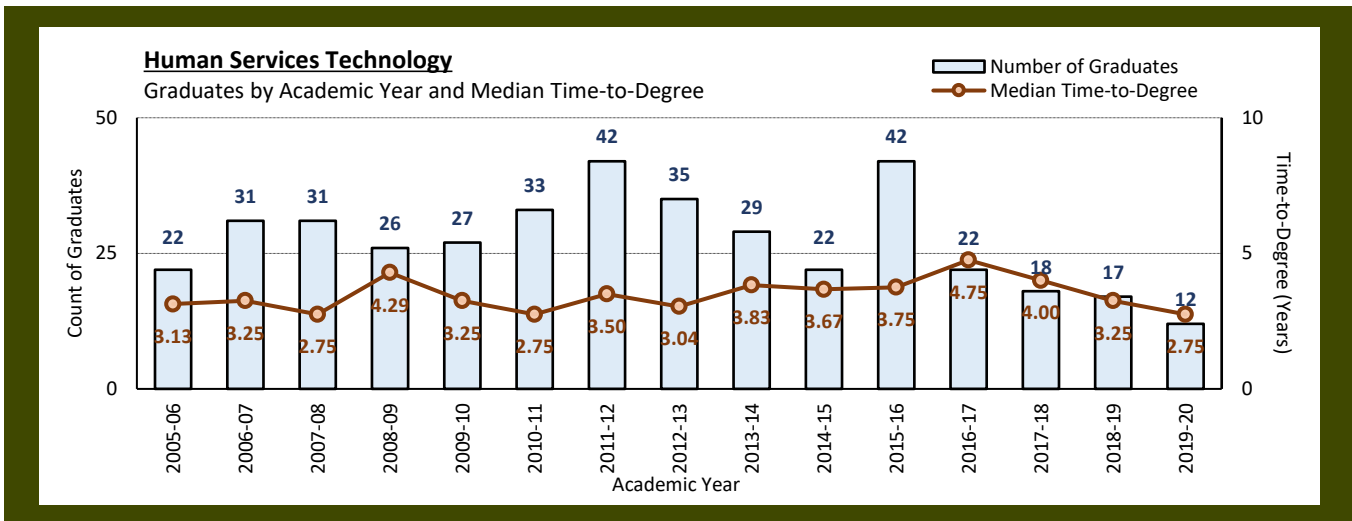
¹Degree and Non-Degree/Non-Certificate IDs

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

³Through 17AU cohort for Overall Grad Rate; Use Rev. Grad # as denominator

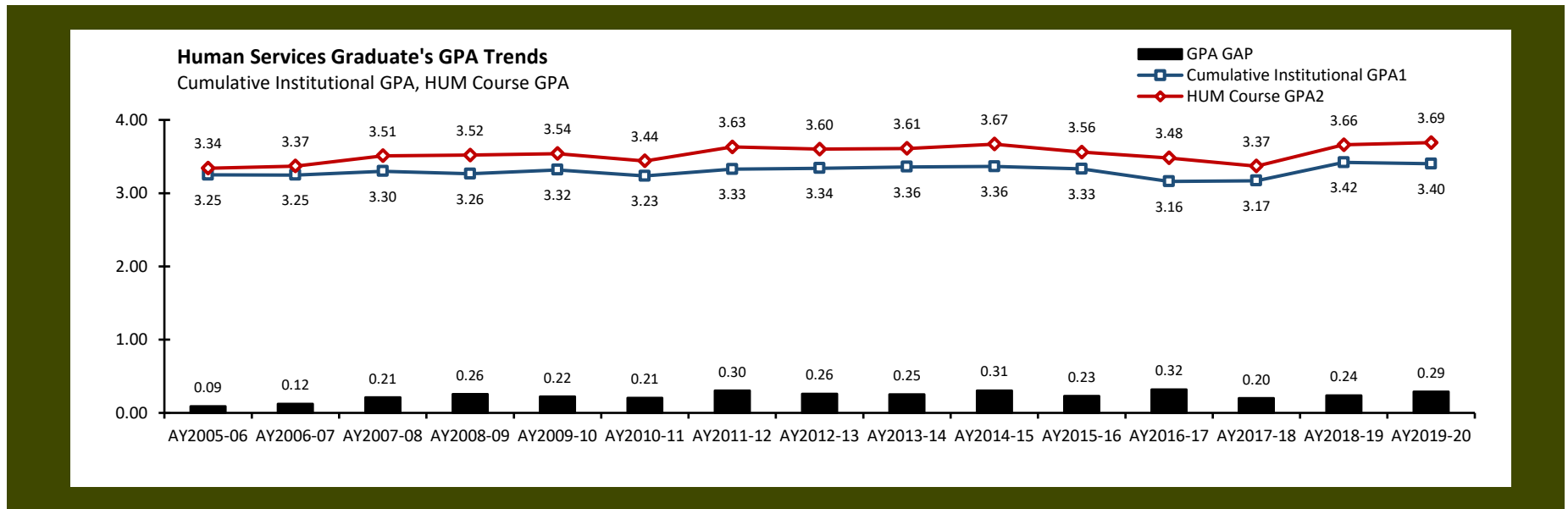
Source: HUM Autumn to Spring Retention Rates

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
Total	409	3.33



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

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
Totals:	412	3.30	3.53	0.23



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

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 at time of Course Completion

AY2019-2020 HUM Learning Outcomes Table		Course Completer Success Rates ¹									
		HSV-100	HSV-110	HSV-121	HSV-131	HSV-141	HSV-150	HSV-200	HSV-285	HSV-286	
		Principles of Social Work	Chemical Dependency I	Direct Practice Skills	Case Management	Therapeutic Group	Social Welfare and Policy	Family Systems	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.	79.49%	-	-	-	-	-	-	100.00%	100.00%	
	LO-2: Examine current social issues and their impact on society, including substance abuse and dependence.	-	83.72%	-	-	-	-	80.00%			-
	LO-3: Compare and contrast a variety of family systems and multi-dimensional systems in relation to human behaviors and the environment.	-	-	-	-	-	-	92.00%			-
	LO-4: Apply interpersonal skills in helping relationships, including crisis intervention and group dynamics.	-	-	94.44%	-	86.21%	-	-			-
	LO-5: Apply case management skills, including documentation, assessment, treatment planning, crisis intervention, and the ability to make appropriate referrals.	-	-	-	90.32%	-	-	-			-
	LO-6: Demonstrate the ability to adhere to professional, ethical standards, including confidentiality, sensitivity when working with diverse populations and responsibility for professional growth.	-	-	-	-	-	-	-			-

¹Completer Success Rate = (Grade of "C or Better" ÷ (Total Census Enrollments - Withdraws)) for course enrollees who finish the course (don'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 20AU (N = 201 Grads submitted)

Of the 201 graduates, 114 (57%) were found with at least 1 enrollment record following their Human Services Technology certificate of 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	32	18.4%
THE OHIO STATE UNIVERSITY - NEWARK	31	17.8%
MOUNT VERNON NAZARENE UNIVERSITY	22	12.6%
MOUNT VERNON NAZARENE UNIV- GRAD AND PROF STUDIES	20	11.5%
OHIO UNIVERSITY	9	5.2%
INDIANA WESLEYAN UNIVERSITY - APS U/G	8	4.6%
CENTRAL OHIO TECHNICAL COLLEGE	5	2.9%
MOUNT VERNON NAZARENE UNIV- COLUMBUS- NEW ALBANY	3	1.7%
FRANKLIN UNIVERSITY	3	1.7%
UNIVERSITY OF PHOENIX	3	1.7%
CAPELLA UNIVERSITY	3	1.7%
INDIANA WESLEYAN -APS GRADS	2	1.1%
CAPITAL UNIVERSITY COLUMBUS	2	1.1%
THE UNIVERSITY OF ARIZONA GLOBAL CAMPUS	2	1.1%
WALDEN UNIVERSITY	2	1.1%
INDIANA WESLEYAN UNIVERSITY	2	1.1%
MALONE UNIVERSITY	2	1.1%
CENTRAL PIEDMONT COMMUNITY COLLEGE	1	0.6%
BRESCIA UNIVERSITY	1	0.6%
UNIVERSITY OF NORTH CAROLINA - CHARLOTTE	1	0.6%
CHAMBERLAIN UNIVERSITY - GRAD	1	0.6%
THE OHIO STATE UNIVERSITY - MANSFIELD	1	0.6%
WILMINGTON UNIVERSITY	1	0.6%
TRINITY LUTHERAN SEMINARY	1	0.6%
CLEVELAND STATE UNIVERSITY	1	0.6%
LORAIN COUNTY COMMUNITY COLLEGE	1	0.6%
FLORIDA INSTITUTE OF TECHNOLOGY	1	0.6%
THE OHIO STATE UNIVERSITY - LIMA	1	0.6%
CAMPBELLSVILLE UNIVERSITY	1	0.6%
THE OHIO STATE UNIVERSITY - MARION	1	0.6%
MUSKINGUM UNIVERSITY	1	0.6%
KENT STATE UNIVERSITY	1	0.6%
OHIO DOMINICAN UNIVERSITY	1	0.6%
UNIVERSITY OF CINCINNATI	1	0.6%
CENTRAL METHODIST UNIVERSITY	1	0.6%
LIBERTY UNIVERSITY	1	0.6%
SOUTHERN NEW HAMPSHIRE- 09WEEK	1	0.6%
SOUTHERN NEW HAMPSHIRE UNIVERSITY	1	0.6%
BOISE STATE UNIVERSITY	1	0.6%
MIDAMERICA NAZARENE UNIVERSITY	1	0.6%
Grand Total	174	100.0%

Degrees: Of the 114 COTC graduates with subsequent college enrollment, 62 additional degrees were earned at any level (54%), originating from 15 institutions including COTC. Here's the degree count by title and by institution.

Degree Title	Degree Count	Percent
Bachelor of Social Work	18	29%
BS Social Work	17	27%
Master Social Work	10	16%
AA Human Services	3	5%
MA Counseling	1	2%
BA Applied Psychology	1	2%
Master Divinity	1	2%
BA Intercultural Studies	1	2%
BA Applied Behavioral Science	1	2%
BA Psychology	1	2%
MA Teaching	1	2%
Unknown	1	2%
Master Public Administration	1	2%
AA Social Science	1	2%
BA Human Services	1	2%
Bachelor Technical Studies	1	2%
BS Psychology	1	2%
BS Applied Behavior Analysis	1	2%
Grand Total	62	

Institution	Degree Count	Percent
THE OHIO STATE UNIVERSITY	26	42%
MOUNT VERNON NAZARENE UNIVERSITY	17	27%
OHIO UNIVERSITY	4	6%
CENTRAL OHIO TECHNICAL COLLEGE	3	5%
INDIANA WESLEYAN UNIVERSITY	2	3%
CENTRAL METHODIST UNIVERSITY	1	2%
FRANKLIN UNIVERSITY	1	2%
MUSKINGUM UNIVERSITY	1	2%
THE UNIVERSITY OF ARIZONA GLOBAL CAMPUS	1	2%
SOUTHERN NEW HAMPSHIRE UNIVERSITY	1	2%
BRESCIA UNIVERSITY	1	2%
CAPITAL UNIVERSITY COLUMBUS	1	2%
UNIVERSITY OF PHOENIX	1	2%
MIDAMERICA NAZARENE UNIVERSITY	1	2%
MOUNT VERNON NAZARENE UNIV- GRAD AND PROF STUDIES	1	2%
Grand Total	62	

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.

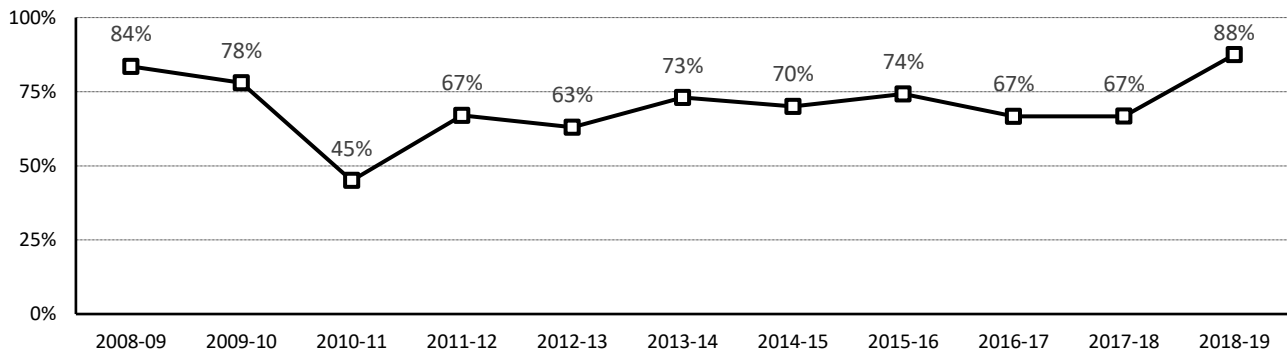
GRADUATE SATISFACTION - COTC Office of Student Life Graduate Follow-up Survey Results

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%

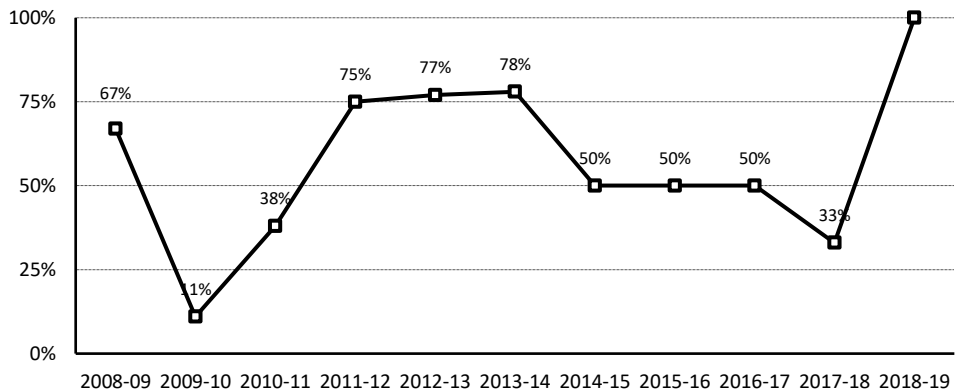
Rate of Graduates Reporting Employment of At Least Part-Time



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%

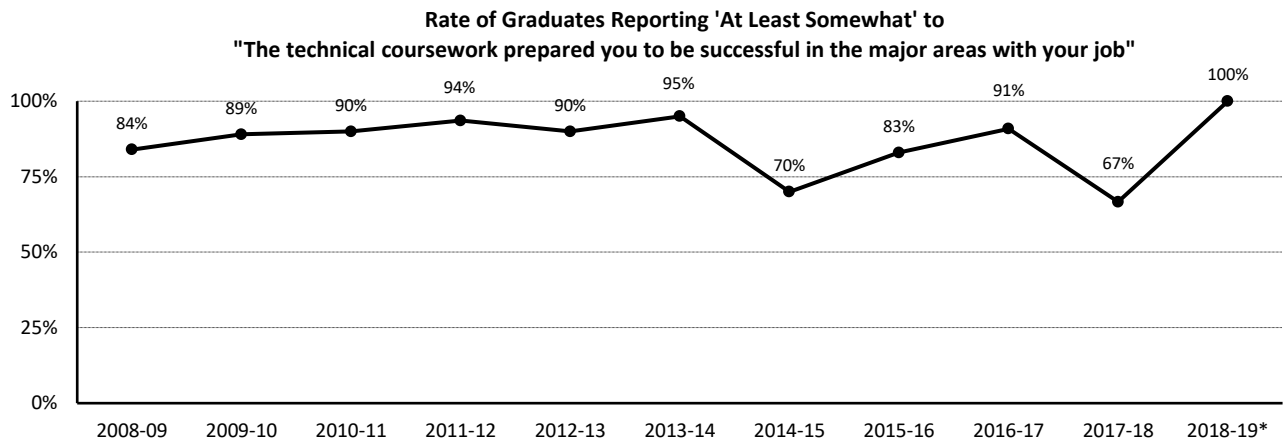
Rate of Graduates Reporting Employment Related to Field of Study



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

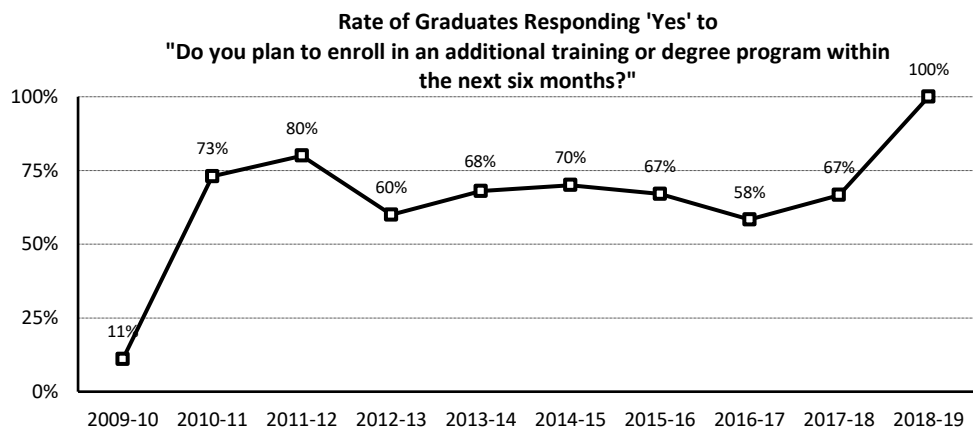
Grad Year	Very Well	Well	Somewhat	At Least Somewhat
2008-09	67%	17%	0%	84%
2009-10	22%	56%	11%	89%
2010-11	10%	40%	40%	90%
2011-12	27%	60%	7%	94%
2012-13	31%	41%	18%	90%
2013-14	34%	44%	17%	95%
2014-15	40%	30%	0%	70%
2015-16	58%	17%	8%	83%
2016-17	64%	27%	0%	91%
2017-18	67%	0%	0%	67%
2018-19*				100%

*question changed to "my experience at COTC has prepared me to be successful in my current job (agree, disagree)"



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%



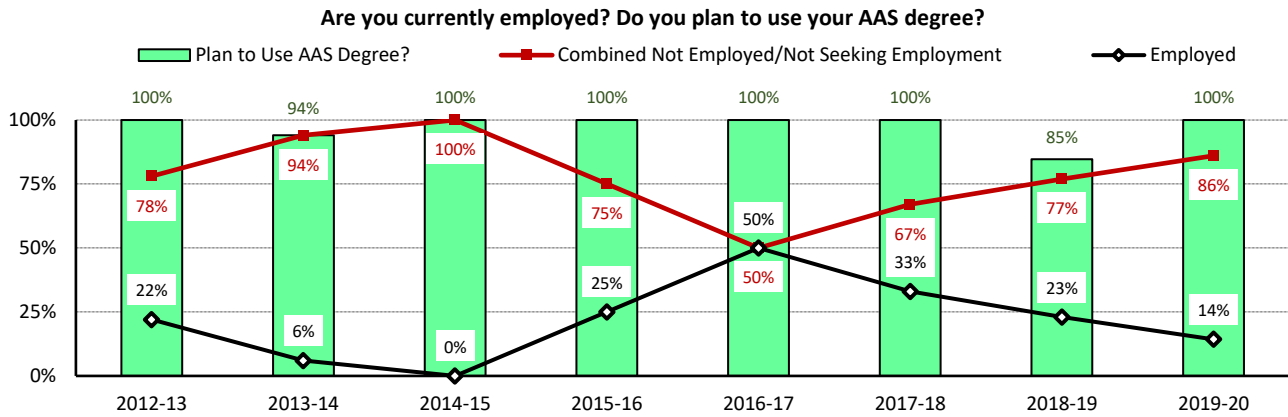
¹Percentages may not equal 100% due to rounding and/or not applicable response category
Source: Student Life, Office of Career Development and Experiential Learning, and Human Services Technology Program
Director Tressa Arnold - Please contact each Office for methodological notes

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.

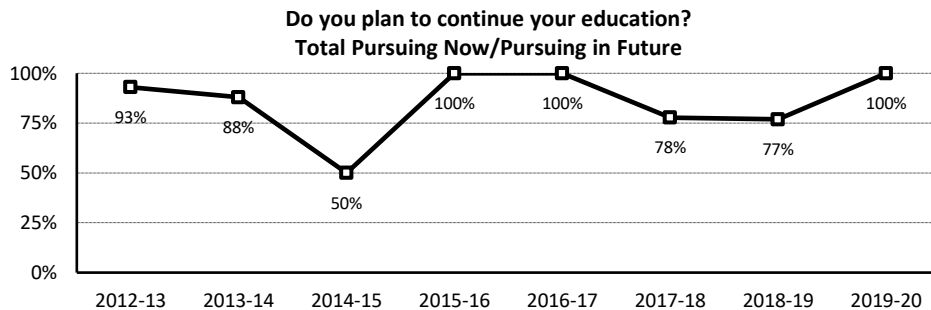
AT COMMENCEMENT

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%



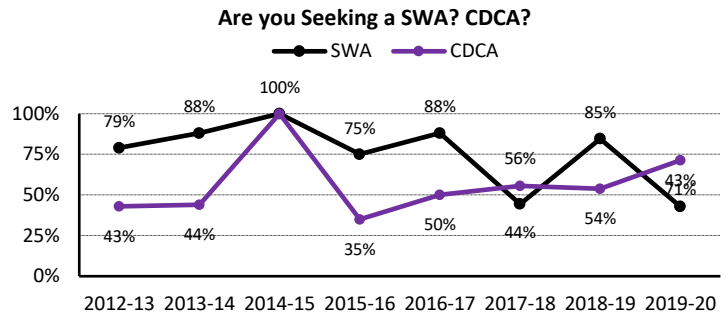
Do you plan to continue your education?

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%



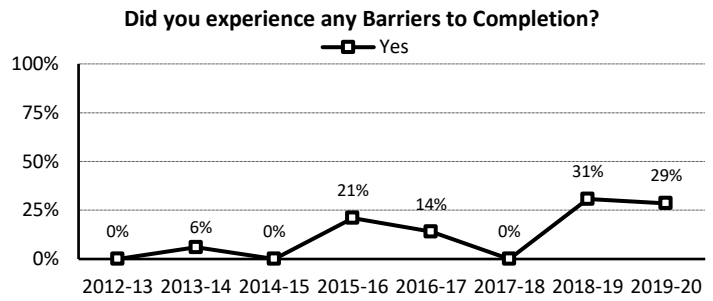
Are you seeking a SWA? Are you seeking a CDCA?

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%



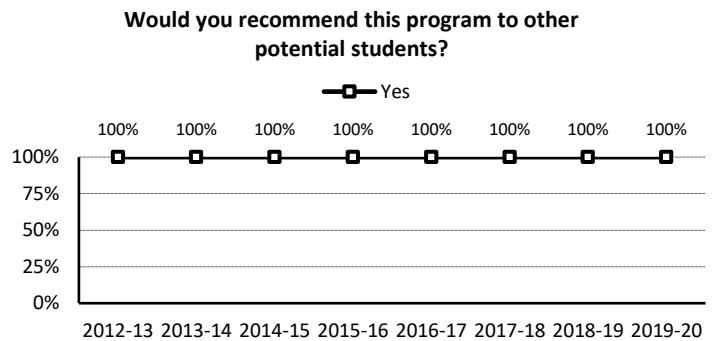
Did you experience any barriers to completion?

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%



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%

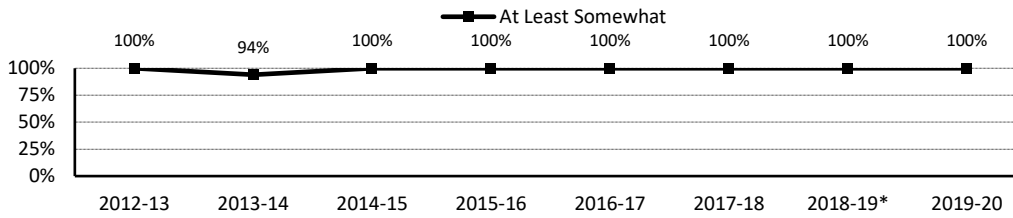


How well did the Human Services Program prepare you for the field?

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%

*1 n/a response

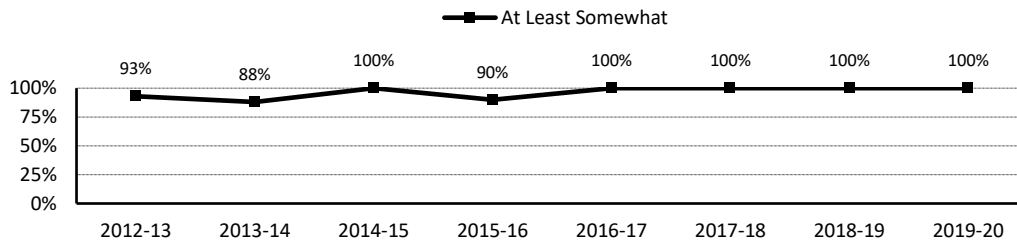
How well did the Human Services Program prepare you for the field?



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

Grad Year	Very Well	Well	Somewhat	At Least Somewhat
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%

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



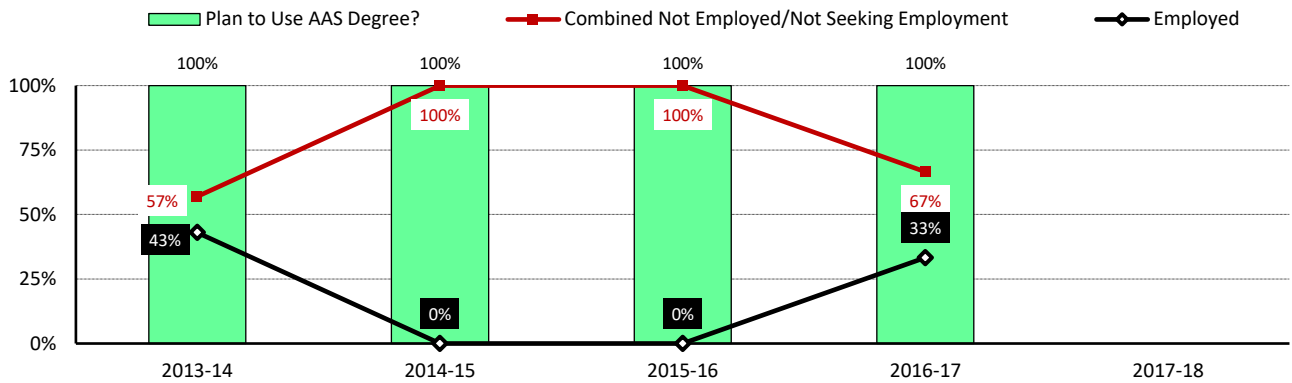
SIX MONTHS AFTER COMMENCEMENT

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					

no responses in 2017-18

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

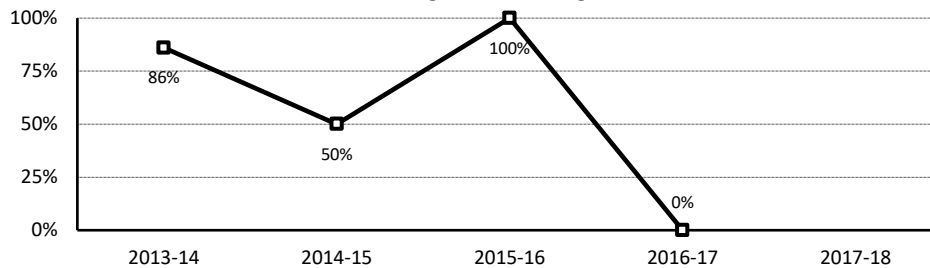


Do you plan to continue your education?

Grad Year	Pursuing Now	Pursuing in Future	Undecided	No Plans to Pursue	Total Pursuing Now/Pursuing in Future
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					

no responses in 2017-18

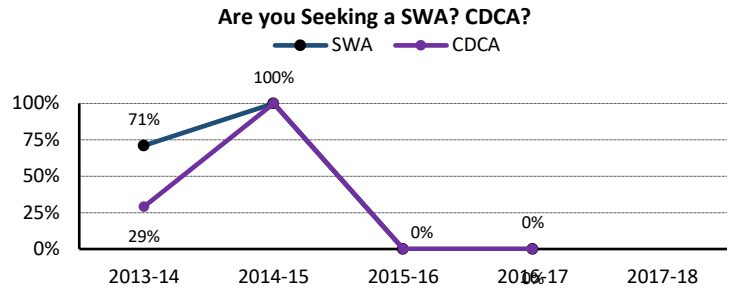
**Do you plan to continue your education?
Total Pursuing Now/Pursuing in Future**



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		

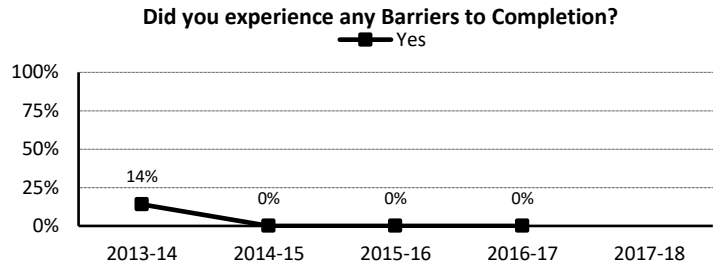
no responses in 2017-18



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		

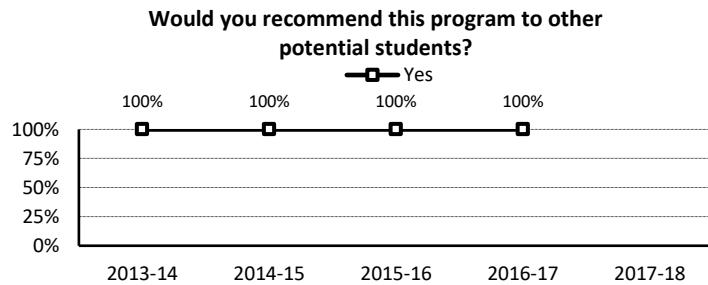
no responses in 2017-18



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		

no responses in 2017-18

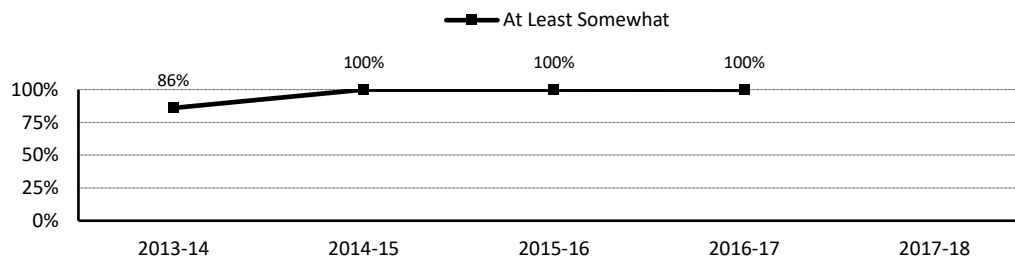


How well did the Human Services Program prepare you for the field?

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				

no responses in 2017-18

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

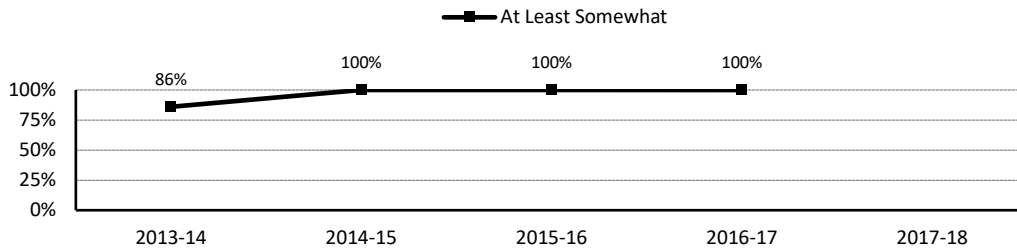


How well did the General Education Courses prepare you for the field?

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				

no responses in 2017-18

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



¹Percentages may not equal 100% due to rounding and/or not applicable response category
 Source: Human Services Technology Program Director Tressa Arnold - Please contact for methodological notes

EMPLOYER SATISFACTION - COTC Office of Student Life Employer Survey Results

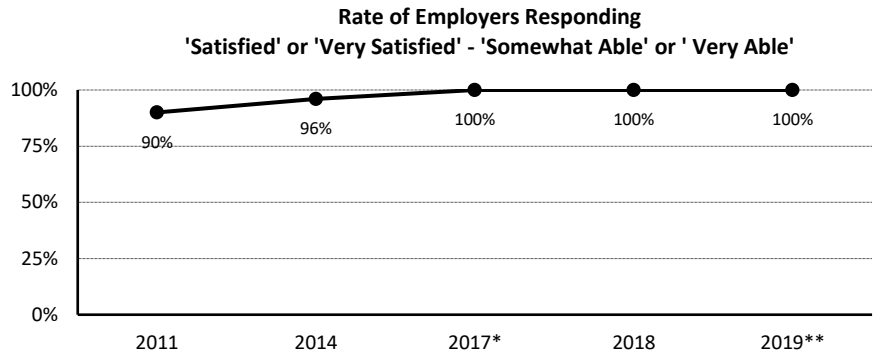
Central Ohio Technical College administers an employer survey every year (starting in 2017, every 3 years prior) to gauge workforce needs from employers who may hire or have hired COTC graduates. COTC administers an employer survey through the Office of Career Development. Data are collected and analyzed 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

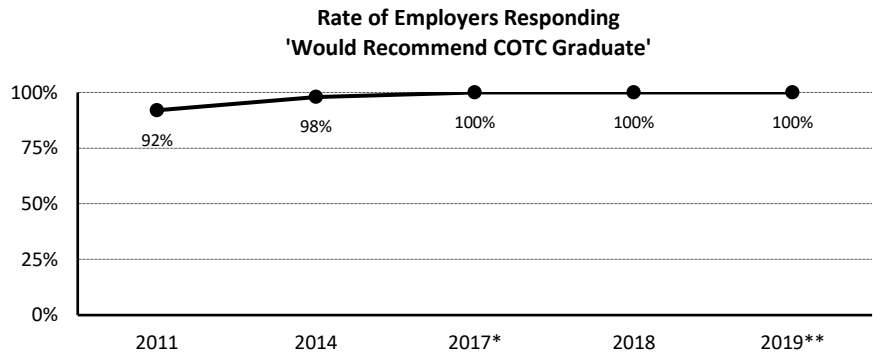
**Would you refer the HSV program? (%-yes)



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



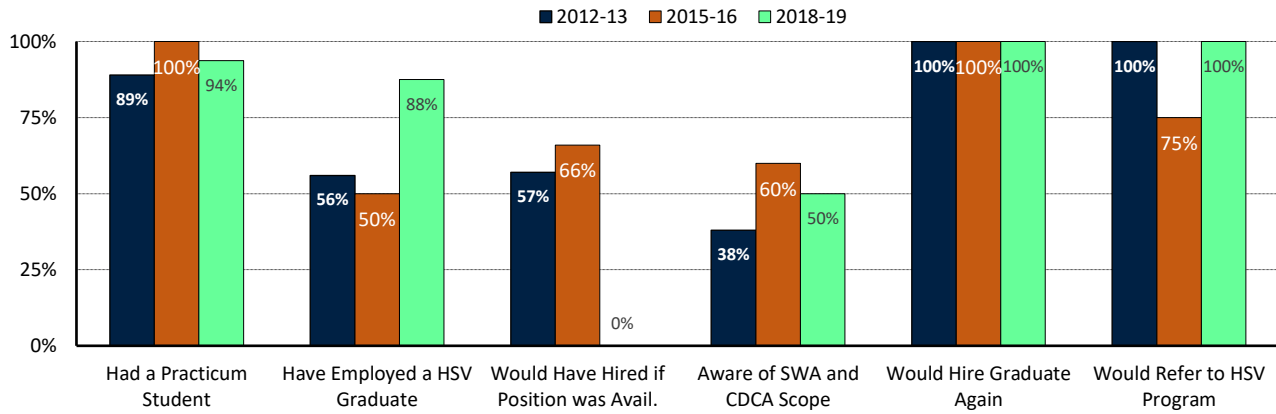
EMPLOYER SATISFACTION - COTC Human Services Technology Employer Survey Results

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



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 base on approximant 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%	

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