

Central Ohio Technical College

Human Services Technology Program

Student Achievement Indicators Report



Newark • Coshocton • Knox • Pataskala

Last Updated: December 2018 - Through Autumn 2018

by

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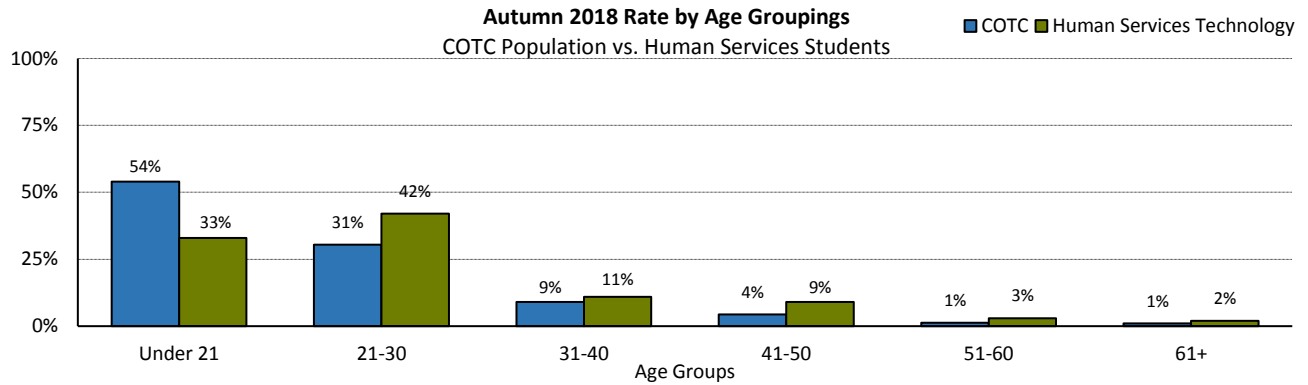
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STUDENT DEMOGRAPHICS - Autumn 2018

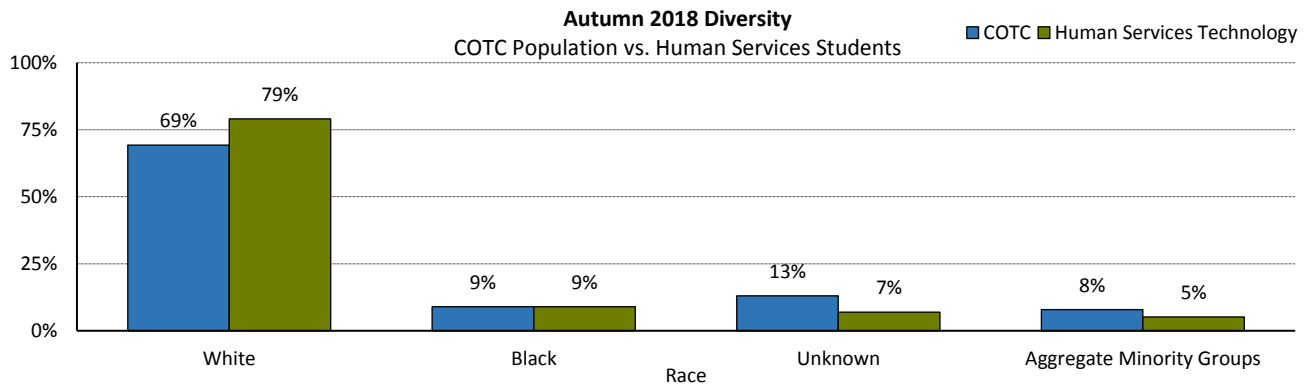
AGE*		
Age Groups	COTC	Human Services Technology
Under 21	54%	33%
21-30	31%	42%
31-40	9%	11%
41-50	4%	9%
51-60	1%	3%
61+	1%	2%



*18AU Semester Census
 Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program

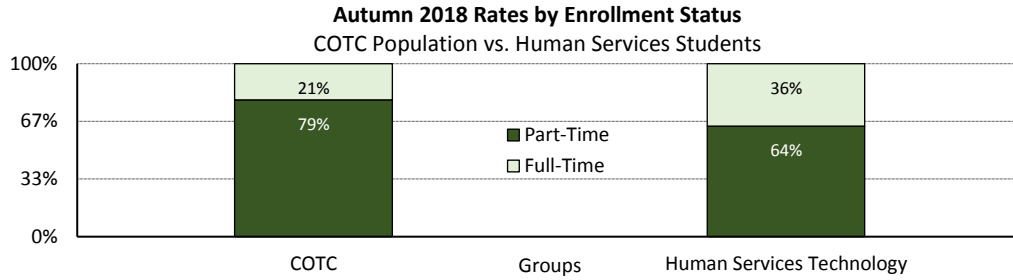
DIVERSITY*

Race	COTC	Human Services Technology
White	69%	79%
Black	9%	9%
Unknown	13%	7%
Two or More Races	4%	4%
Hispanic or Latino	2%	1%
Asian	2%	0%
American Indian/Alaskan Native	0%	0%
Native Hawaiian/Other Pacific Islander	0%	0%
Aggregate Minority Groups	8%	5%



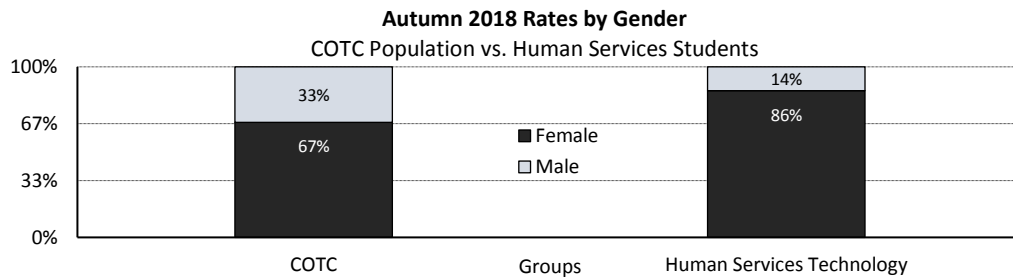
*18AU Semester Census
 Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program

ENROLLMENT STATUS*		
Status	COTC	Human Services Technology
Part-Time	79%	64%
Full-Time	21%	36%



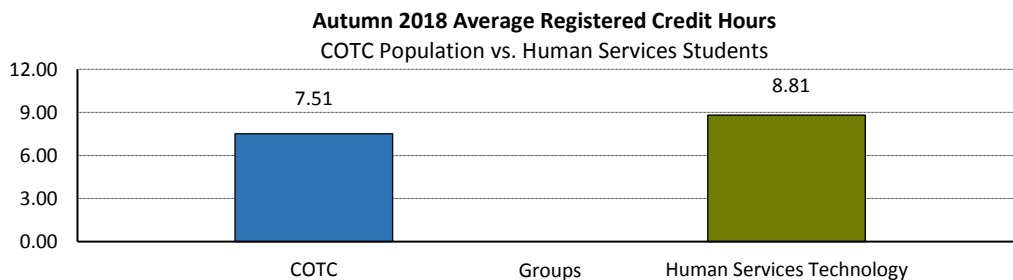
*18AU Semester Census
 Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program

GENDER*		
Gender	COTC	Human Services Technology
Female	67%	86%
Male	33%	14%



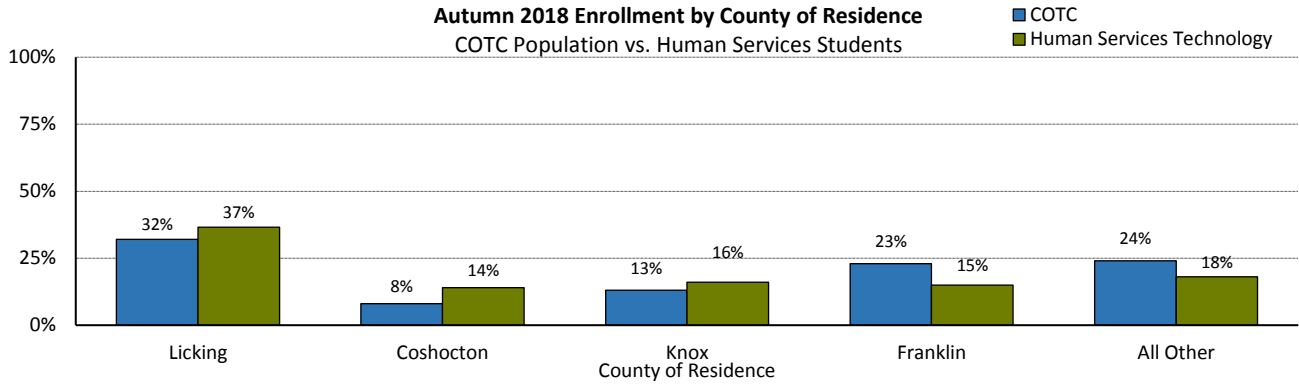
*18AU Semester Census
 Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program

REGISTERED CREDIT HOURS*		
Credits	COTC	Human Services Technology
Average Credit Hours	7.51	8.81



*18AU Semester Census
 Source: Semester Census Capture, Enrollment by Department

COUNTY OF RESIDENCE*		
County	COTC	Human Services Technology
Licking	32%	37%
Coshocton	8%	14%
Knox	13%	16%
Franklin	23%	15%
All Other	24%	18%



*18AU Semester Census
 Source: Latest Census Source Report, COTC Overall and Pivot by Academic Program

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%
	WI11	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	62	31	50%	4	6%	35	56%
	WI12	26	10	38%	5	19%	15	58%
	SP12	47	22	47%	4	9%	26	55%
2012-13	SM12	12	5	42%	2	17%	7	58%
	12AU	93	30	32%	18	19%	48	52%
	13SP	49	20	41%	6	12%	26	53%
2013-14	13SM	38	27	71%	2	5%	29	76%
	13AU	60	24	40%	6	10%	30	50%
	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%	2	13%	3	20%
	17AU	73	14	19%	5	7%	19	26%
	18SP	47	9	19%	4	9%	13	28%
2018-19*	18SM	18	4	22%	3	17%	7	39%
	18AU	92	25	27%	8	9%	33	36%
	19SP	44	2	5%	0	0%	2	5%
Overall Totals/Rates		1,315	444	34%	151	11%	595	45%

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
2010-11	164	76	46%	24	15%	100	61%
2011-12	167	71	43%	22	13%	93	56%
2012-13	154	55	36%	26	17%	81	53%
2013-14	138	69	50%	15	11%	84	61%
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	135	24	18%	11	8%	35	26%

*as of reporting, registrations still open for 19SP

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

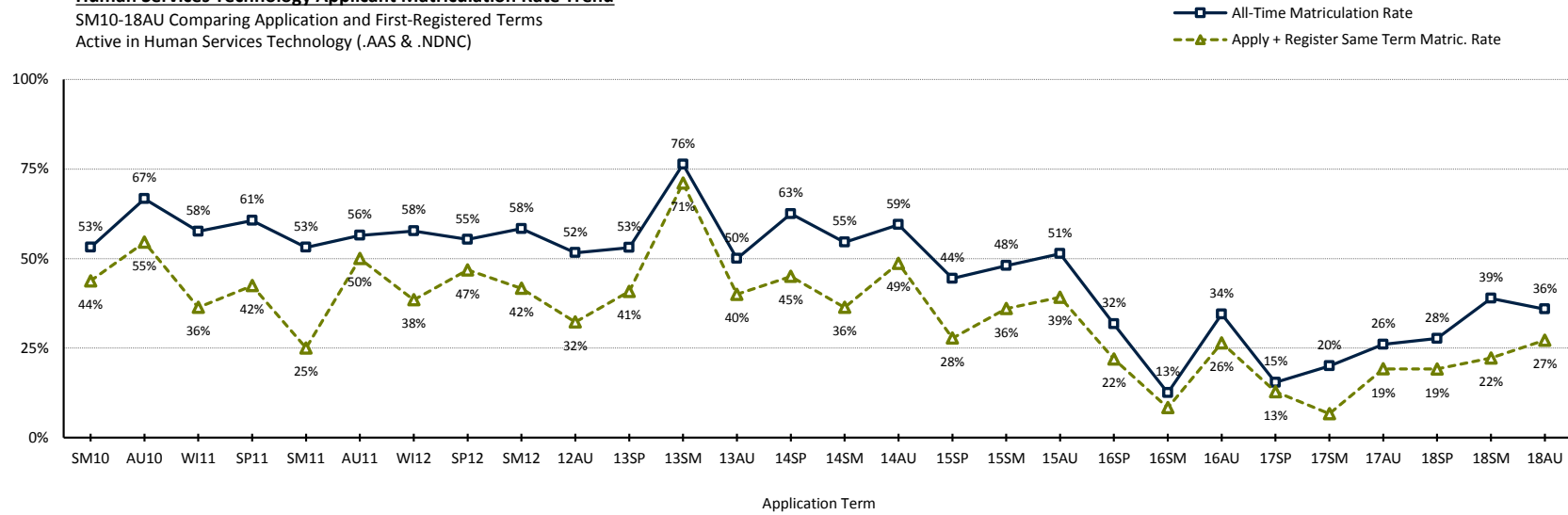
³Applied but Enrolled after Application Term (in future) in HUM program

Source: HUM Matriculation Source Report_Apps_Reg (Program Review)

Records as of 11/2/2018

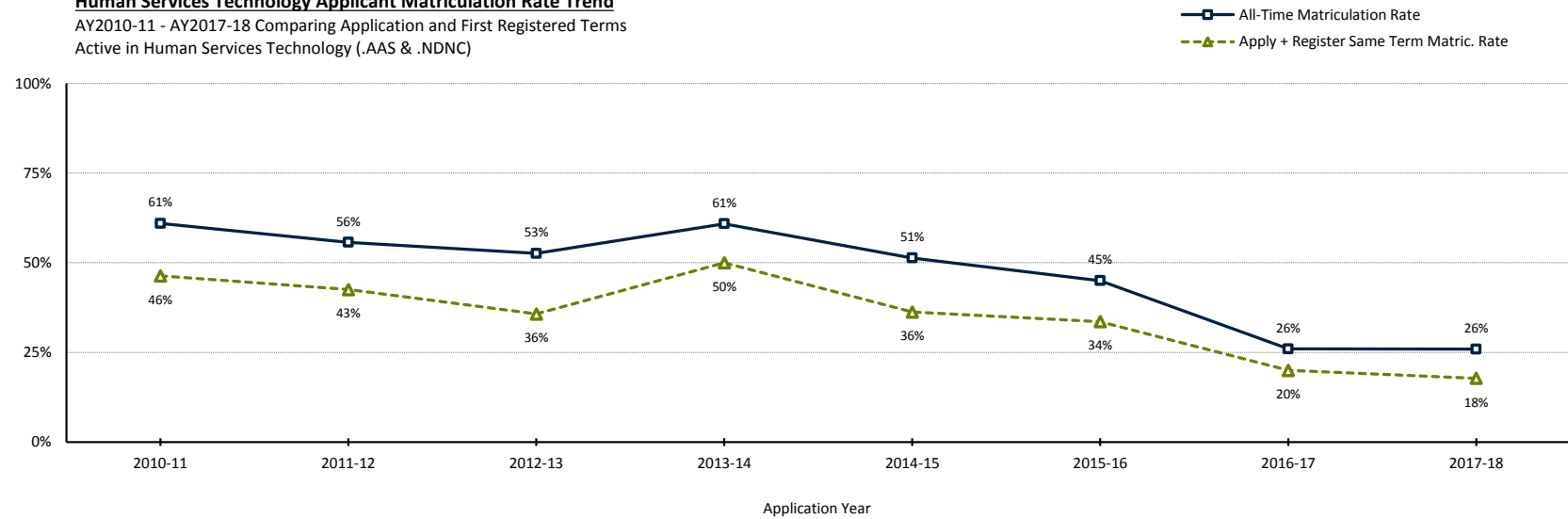
Human Services Technology Applicant Matriculation Rate Trend

SM10-18AU Comparing Application and First-Registered Terms
Active in Human Services Technology (.AAS & .NDNC)



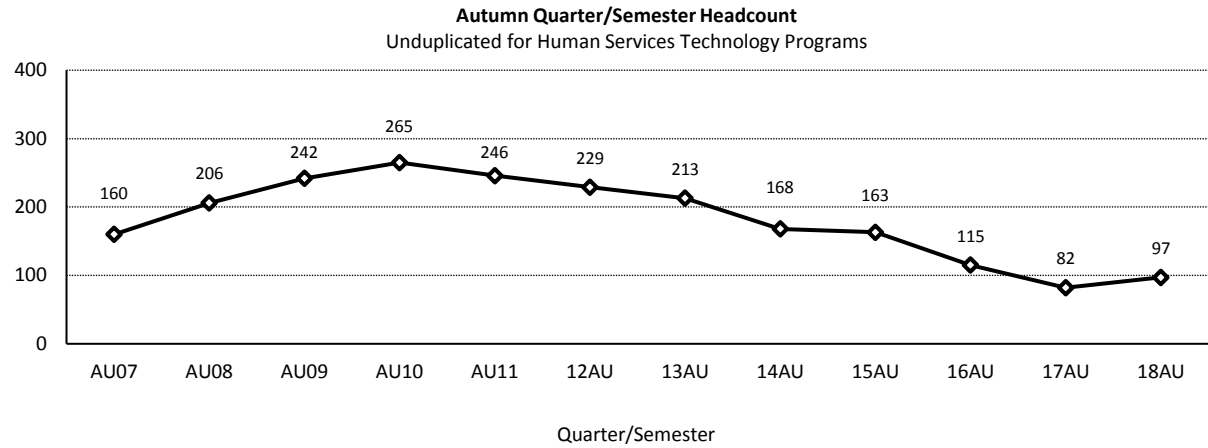
Human Services Technology Applicant Matriculation Rate Trend

AY2010-11 - AY2017-18 Comparing Application and First Registered Terms
Active in Human Services Technology (.AAS & .NDNC)



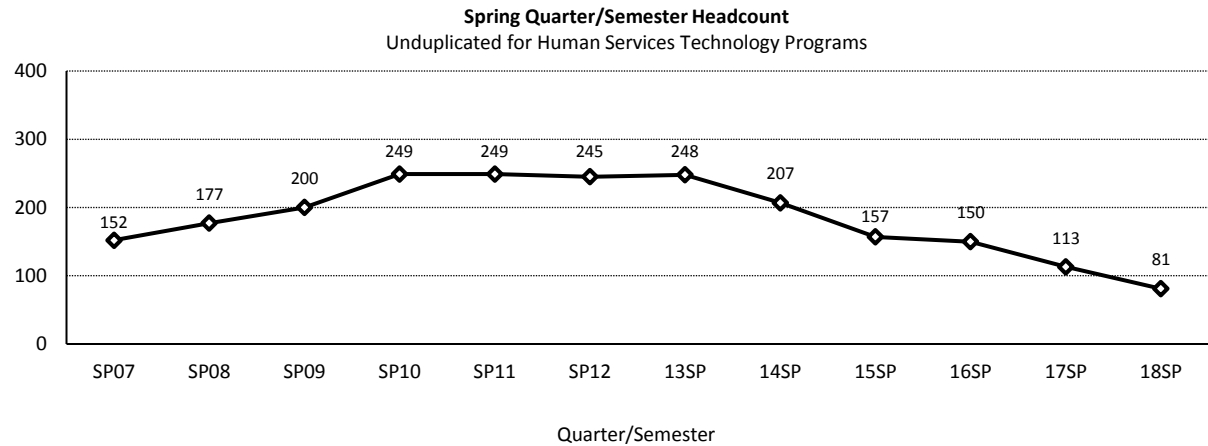
ENROLLMENT

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



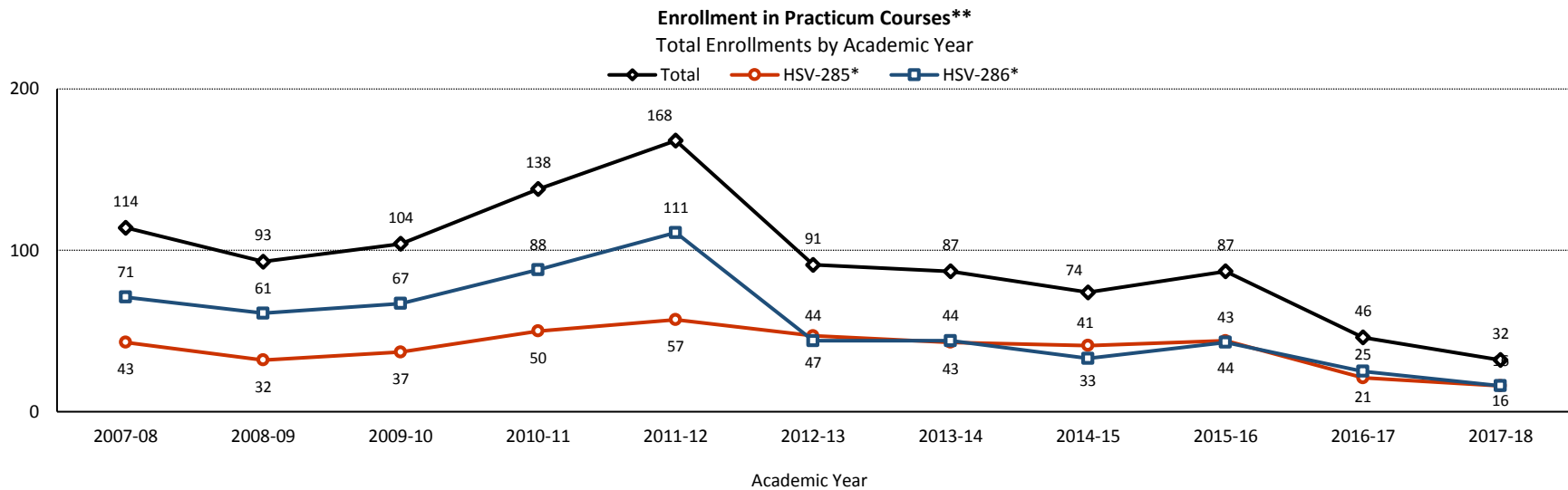
*Quarter/Semester Census, Degree- and Non-Degree, Non-Certificate Seeking Student
Source: Census Reports, Enrollment by Department

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



*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



*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	2009-10	1,091	969	27	97.5%	88.8%	91.1%
	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%	
FACE-TO-FACE COURSES ¹	2009-10	1,027	907	26	97.5%	88.3%	90.6%
	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%	
ONLINE COURSES ²	2009-10	64	62	1	98.4%	96.9%	98.4%
	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%	
100-level Courses ⁹	2009-10	776	668	23	97.0%	86.1%	88.7%
	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%	
200-level Courses ⁹	2009-10	315	301	4	98.7%	95.6%	96.8%
	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%	

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

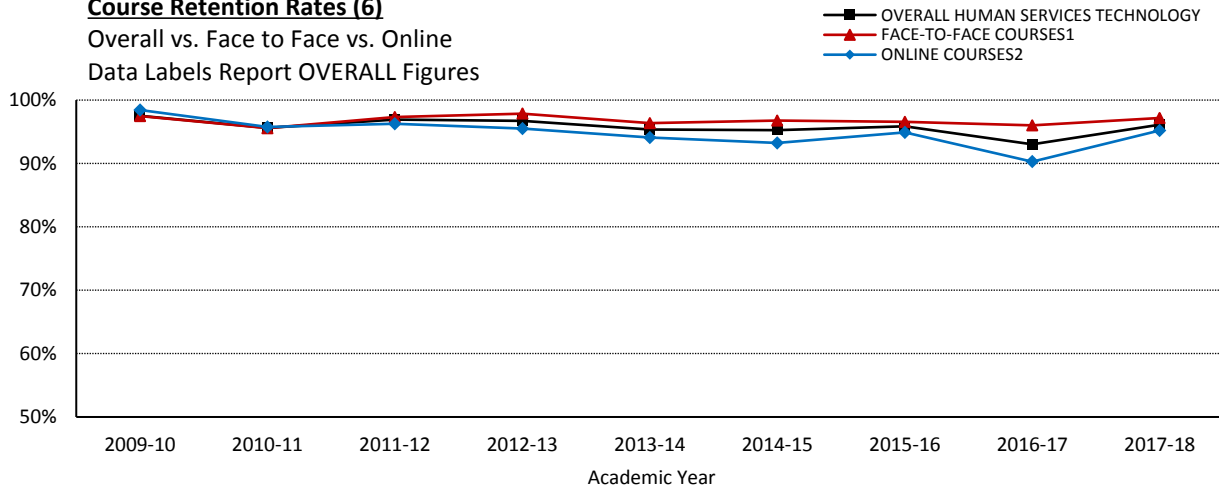
⁷Enrollee Success Rate" = Grade of "C or better" ÷ Total Census Enrollment

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

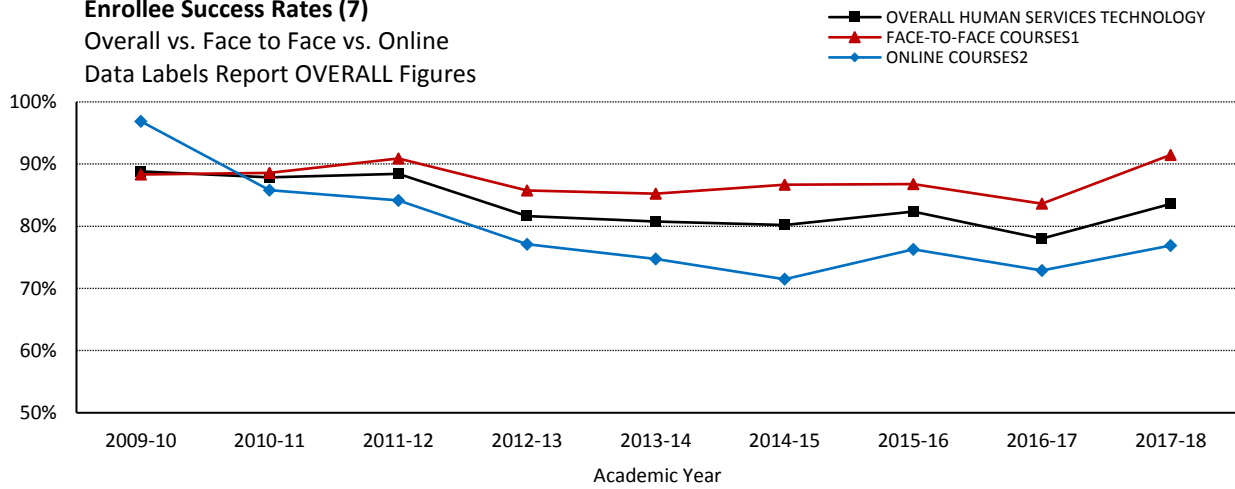
Course Retention Rates (6)

Overall vs. Face to Face vs. Online
 Data Labels Report OVERALL Figures



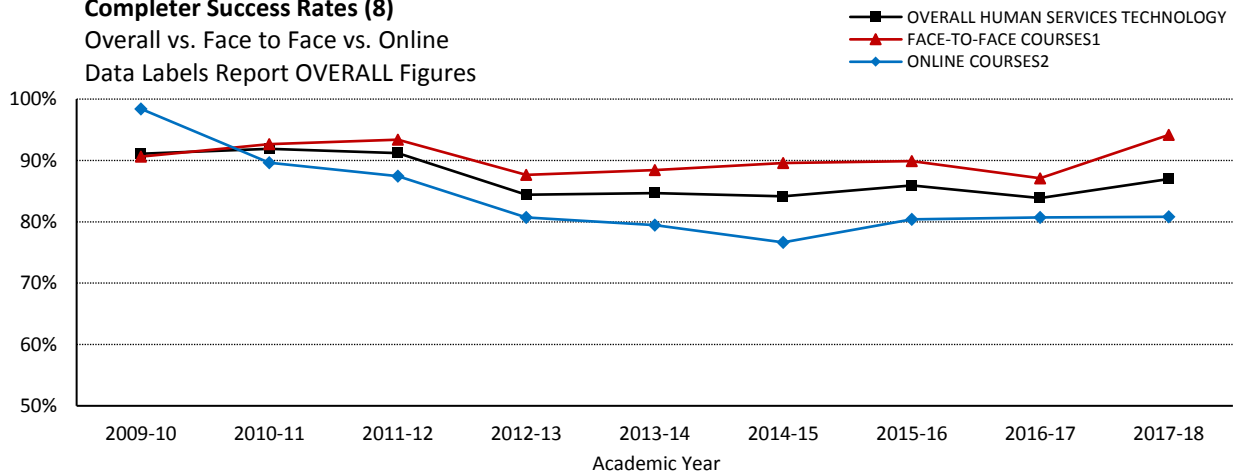
Enrollee Success Rates (7)

Overall vs. Face to Face vs. Online
 Data Labels Report OVERALL Figures

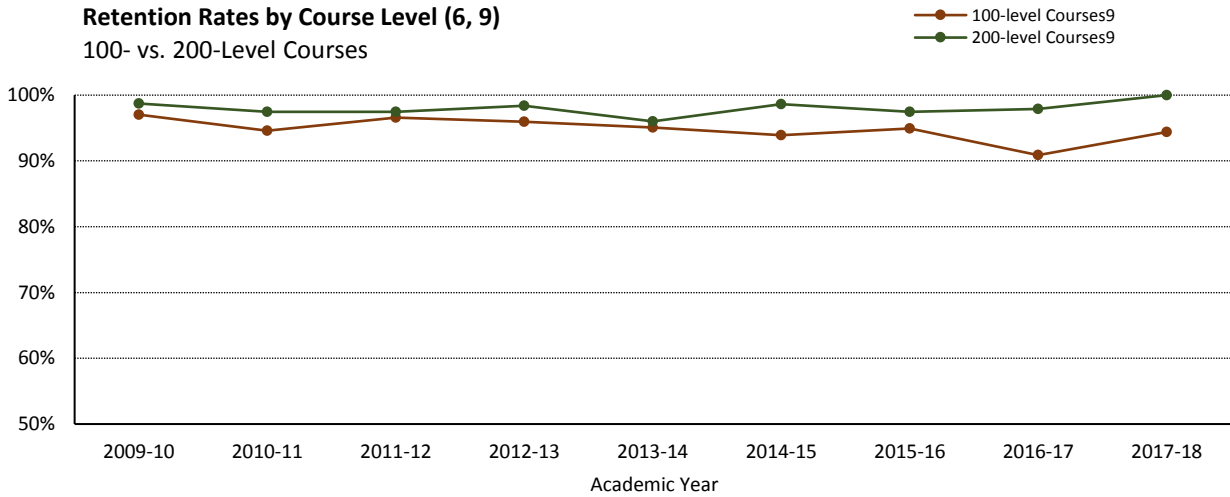


Completer Success Rates (8)

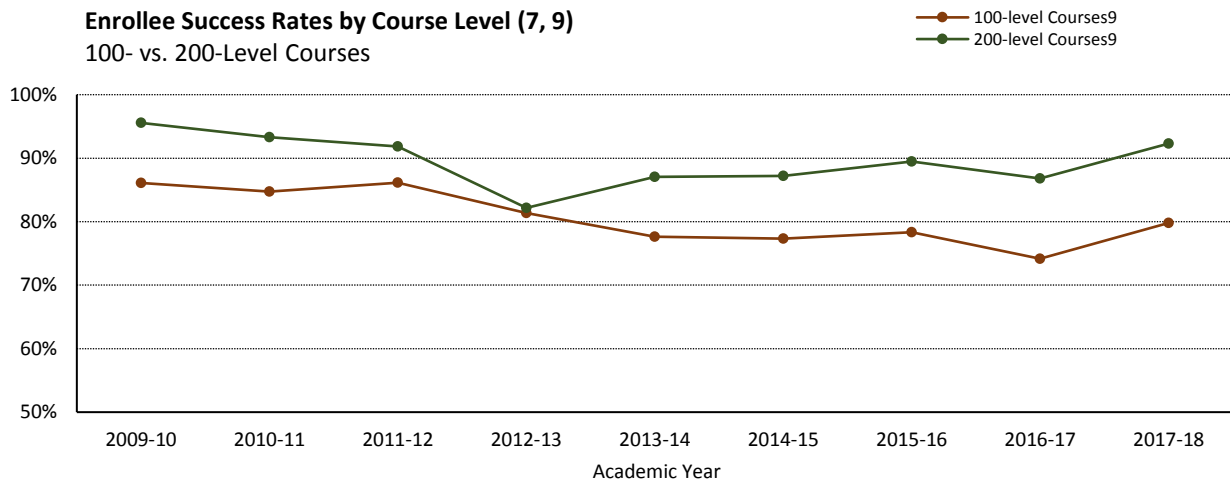
Overall vs. Face to Face vs. Online
 Data Labels Report OVERALL Figures



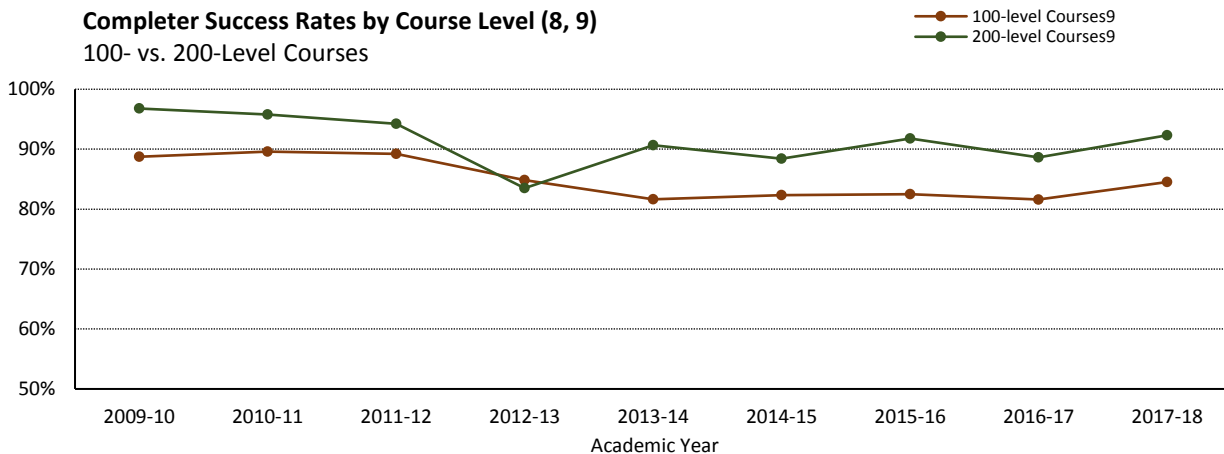
Retention Rates by Course Level (6, 9)
 100- vs. 200-Level Courses



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

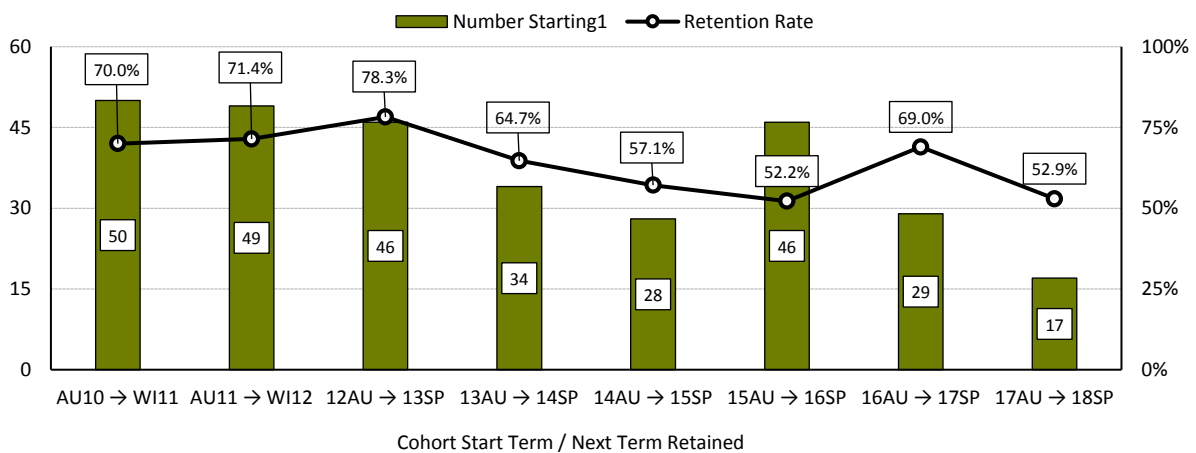


PROGRAM RETENTION AND GRADUATION

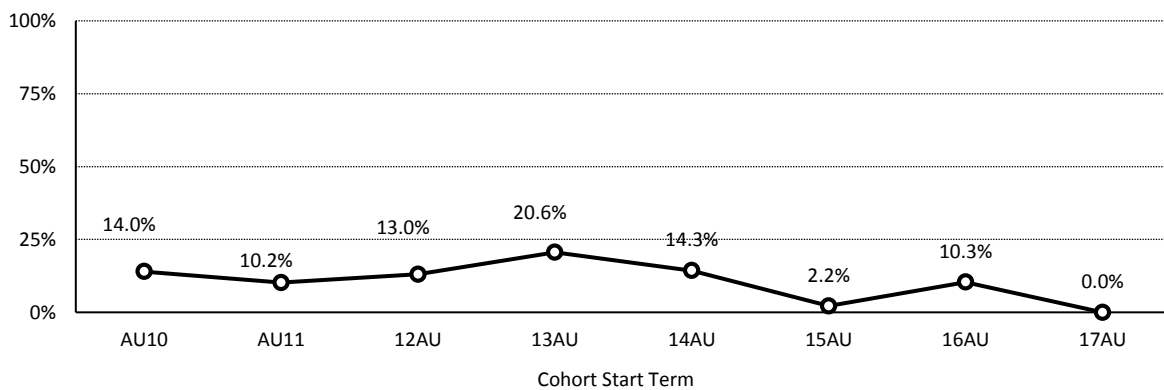
AUTUMN TO NEXT TERM RETENTION / COHORT GRADUATION

Term IDs	Number Starting ¹	Number Retained	Retention Rate	COHORT TERM	Number Graduating ²	Graduation Rate ²
AU10 → W11	50	35	70.0%	AU10	7	14.0%
AU11 → W12	49	35	71.4%	AU11	5	10.2%
12AU → 13SP	46	36	78.3%	12AU	6	13.0%
13AU → 14SP	34	22	64.7%	13AU	7	20.6%
14AU → 15SP	28	16	57.1%	14AU	4	14.3%
15AU → 16SP	46	24	52.2%	15AU	1	2.2%
16AU → 17SP	29	20	69.0%	16AU	3	10.3%
17AU → 18SP	17	9	52.9%	17AU	0	0.0%
Overall Rates***	299	197	65.9%		30	11.9%
				Rev. Grad #³:	253	

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**



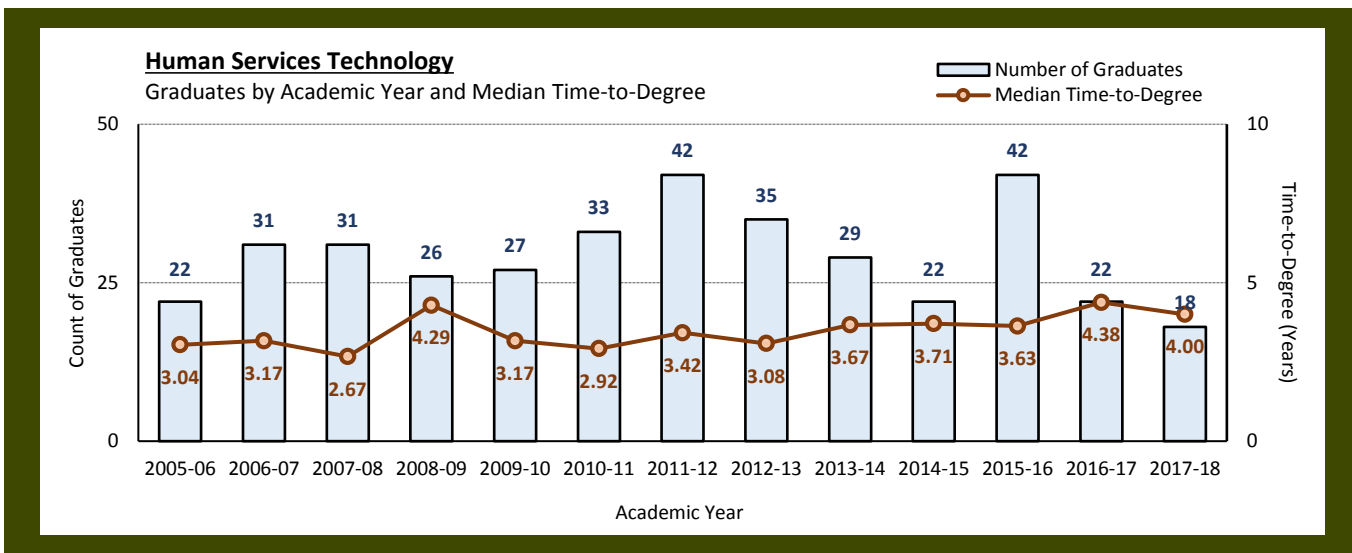
¹Degree and Non-Degree/Non-Certificate IDs

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

³Through 15AU cohort for Overall Grad Rate; Use Rev. Grad # as denominator

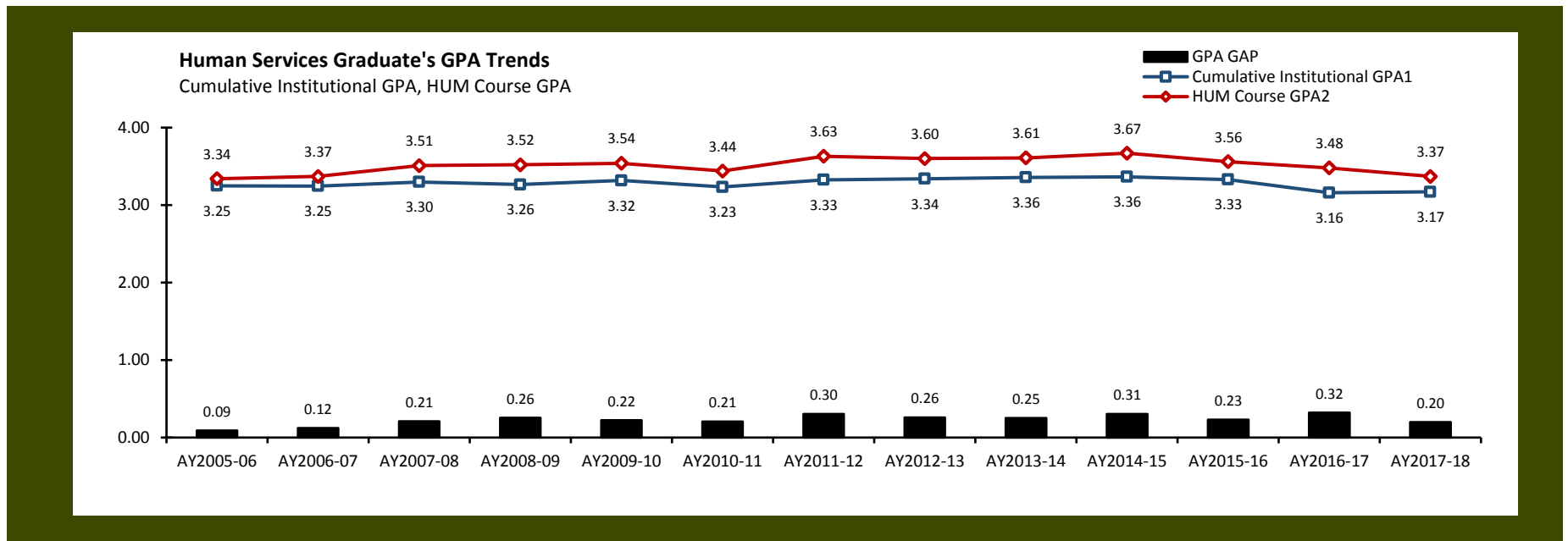
Source: HUM Autumn to Spring Retention Rates

GRADUATES		
Academic Year	Number of Graduates	Median Time-to-Degree
2005-06	22	3.04
2006-07	31	3.17
2007-08	31	2.67
2008-09	26	4.29
2009-10	27	3.17
2010-11	33	2.92
2011-12	42	3.42
2012-13	35	3.08
2013-14	29	3.67
2014-15	22	3.71
2015-16	42	3.63
2016-17	22	4.38
2017-18	18	4.00
Median	29	3.42
Comparison of 50th Percentiles		
Median 05-12		3.17
Median 12-17		3.69
Comparison of Means		
Average 05-12		3.24
Average 12-17		3.75



Source: COTC Graduates by Academic Year; Human Services_Graduate_Time to Degree Source

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
Totals:	380	3.28	3.51	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

AY2017-2018 HUM Learning Outcomes Table		Course Completer Success Rates ¹								
		HSV-100	HSV-110	HSV-120	HSV-130	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.	78.87%	-	-	-	-	-	-	100.00%	100.00%
	LO-2: Examine current social issues and their impact on society, including substance abuse and dependence.	-	84.09%	-	-	-	78.57%	-		
	LO-3: Compare and contrast a variety of family systems and multi-dimensional systems in relation to human behaviors and the environment.	-	-	-	-	-	-	100.00%		
	LO-4: Apply interpersonal skills in helping relationships, including crisis intervention and group dynamics.	-	-	100.00%	-	90.91%	-	-		
	LO-5: Apply case management skills, including documentation, assessment, treatment planning, crisis intervention, and the ability to make appropriate referrals.	-	-	-	84.85%	-	-	-		
	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 only declared human services technology students (degree- and non-degree, non-certificate-seeking) at time of completion.
Source: Human Services Technology Course Enrollment Source Report

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, SP10 to 18SP (N = 265 Grads submitted)

Of the 265 graduates, 154 (58%) were found with at least 1 enrollment record following their HUM degree, either returning to COTC or at another institution. These graduates returned with 276 duplicated records, indicating they attended 1.04 institutions on average. The following list shows the institutions attended.

INSTITUTION	Count	Percent
MOUNT VERNON NAZARENE UNIVERSITY	101	31.3%
THE OHIO STATE UNIVERSITY	34	13.9%
MOUNT VERNON NAZARENE UNIV- GRAD AND PROF STUDIES	31	12.9%
THE OHIO STATE UNIVERSITY - NEWARK	26	11.5%
OHIO UNIVERSITY	9	4.0%
UNIVERSITY OF PHOENIX	8	2.3%
MOUNT VERNON NAZARENE UNIV- COLUMBUS- NEW ALBANY	7	2.5%
CENTRAL OHIO TECHNICAL COLLEGE	6	2.3%
INDIANA WESLEYAN UNIVERSITY - APS U/G	6	2.2%
ASHFORD UNIVERSITY	3	1.0%
CAPELLA UNIVERSITY	3	1.0%
FRANKLIN UNIVERSITY	3	1.0%
LIBERTY UNIVERSITY	3	1.1%
OHIO CHRISTIAN UNIVERSITY	3	1.0%
MUSKINGUM UNIVERSITY	2	0.7%
WALDEN UNIVERSITY	2	0.8%
ZANE STATE COLLEGE	2	0.8%
BOISE STATE UNIVERSITY	1	0.2%
BRESCIA UNIVERSITY	1	0.4%
CAMPBELLVILLE UNIVERSITY	1	0.2%
CAPITAL UNIVERSITY COLUMBUS	1	0.5%
CAPITAL UNIVERSITY- TRINITY LUTHERAN SEMINARY	1	0.3%
CENTRAL METHODIST UNIVERSITY	1	0.4%
CENTRAL PIEDMONT COMMUNITY COLLEGE	1	0.4%
CHAMBERLAIN UNIVERSITY	1	0.3%
COLUMBUS STATE COMMUNITY COLLEGE	1	0.3%
EASTERN GATEWAY COMMUNITY COLLEGE	1	0.2%
GRAND CANYON UNIVERSITY	1	0.4%
INDIANA WESLEYAN UNIVERSITY	1	0.2%
KENT STATE UNIVERSITY	1	0.2%
LORAIN COUNTY COMMUNITY COLLEGE	1	0.5%
MERCY COLLEGE OF OHIO	1	0.2%
MIDAMERICA NAZARENE UNIVERSITY	1	0.5%
MUSKINGUM UNIV GRADS	1	0.2%
PURDUE UNIVERSITY GLOBAL	1	0.4%
SOUTHERN NEW HAMPSHIRE- 09WEEK	1	0.6%
STRAYER UNIVERSITY-WASHINGTON	1	0.4%
THE OHIO STATE UNIVERSITY - LIMA	1	0.5%
THE OHIO STATE UNIVERSITY - MANSFIELD	1	0.5%
TRINITY LUTHERAN SEMINARY	1	0.3%
TROY UNIVERSITY	1	0.4%
UNIVERSITY OF NORTH CAROLINA - CHARLOTTE	1	0.4%
UNIVERSITY OF SOUTHERN CALIFORNIA	1	0.2%
WILMINGTON UNIVERSITY	1	0.6%
Grand Total	276	100.0%

Degrees: Of the 265 COTC graduates, 108 additional degrees were earned (at any level) (41%), originating from 14 institutions in addition to COTC. Here's the degree count by title and by institution.

Degree Title	Degree Count	Percent
BACHELOR OF SOCIAL WORK	50	46%
NOT REPORTED	16	15%
BACHELOR OF SCIENCE IN SOCIAL WORK	13	12%
MASTER OF SOCIAL WORK	7	6%
ASSOCIATE IN ARTS or SCIENCE	6	6%
BACHELOR OF ARTS or SCIENCE	6	6%
MASTER OF ARTS IN TEACHING	2	2%
AAACCT	1	1%
BACHELOR OF TECHNICAL AND APPLIED STUDIES	1	1%
BSB/ACA	1	1%
BSHS/M	1	1%
CERTIFICATE	1	1%
MASTER OF ARTS	1	1%
MASTER OF BUSINESS ADMIN.	1	1%
MASTER OF SCIENCE	1	1%
Grand Total	108	

Institution	Degree Count	Percent
MOUNT VERNON NAZARENE UNIVERSITY	64	59%
THE OHIO STATE UNIVERSITY	18	17%
CENTRAL OHIO TECHNICAL COLLEGE	5	5%
OHIO UNIVERSITY	5	5%
UNIVERSITY OF PHOENIX	4	4%
MUSKINGUM UNIVERSITY	2	2%
WALDEN UNIVERSITY	2	2%
ASHFORD UNIVERSITY	1	1%
FRANKLIN UNIVERSITY	1	1%
INDIANA WESLEYAN UNIVERSITY	1	1%
INDIANA WESLEYAN UNIVERSITY - APS U/G	1	1%
LIBERTY UNIVERSITY	1	1%
MOUNT VERNON NAZARENE UNIV- GRAD AND PROF STUDIES	1	1%
OHIO CHRISTIAN UNIVERSITY	1	1%
PURDUE UNIVERSITY GLOBAL	1	1%
Grand Total	108	

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.

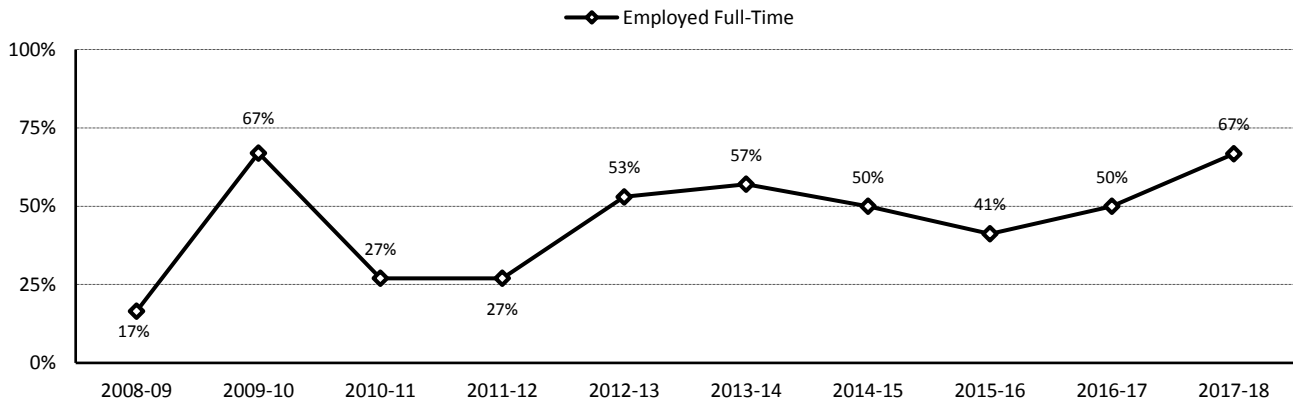
GRADUATE SATISFACTION - COTC Office of Student Life Graduate Follow-up Survey Results

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 Part-Time, Unable to Find Full-Time Work	Not Employed but Searching	Not Employed and Not Searching
2008-09	17%	67%	0%	17%	0%
2009-10	67%	11%	11%	0%	11%
2010-11	27%	18%	27%	27%	0%
2011-12	27%	40%	13%	13%	7%
2012-13	53%	10%	22%	11%	4%
2013-14	57%	16%	12%	12%	4%
2014-15	50%	20%	10%	0%	20%
2015-16	41%	33%	8%	17%	0%
2016-17	50%	17%	8%	17%	8%
2017-18	67%	0%	33%	0%	0%

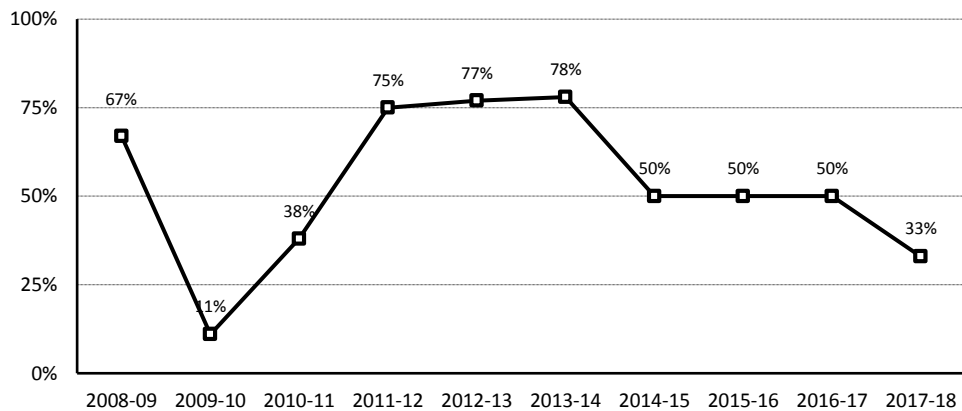
Rate of Graduates Reporting Full-Time Employment or Part-Time Employment (by Choice)



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%

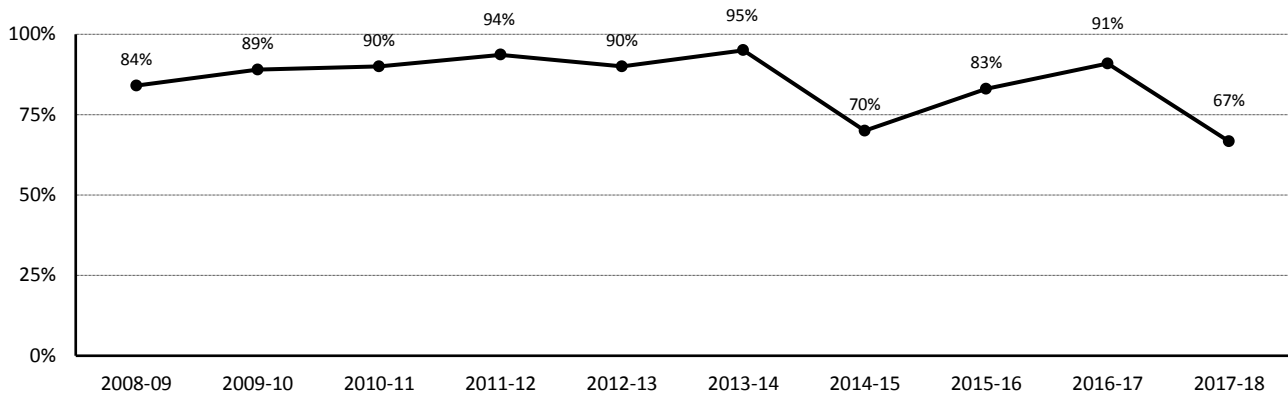
Rate of Graduates Reporting Employment Related to Field of Study



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%

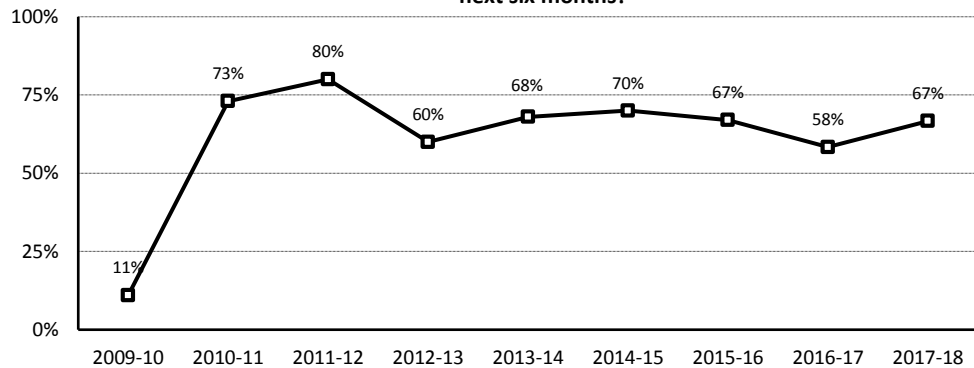
Rate of Graduates Reporting 'At Least Somewhat' to "The technical coursework prepared you to be successful in the major areas with your job"



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%

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.

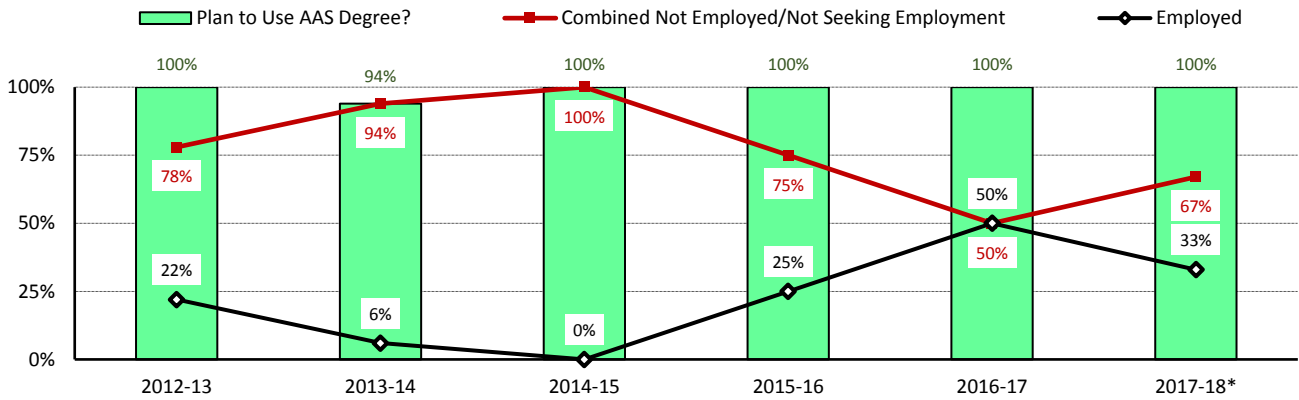
AT COMMENCEMENT

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%

* n = 9

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

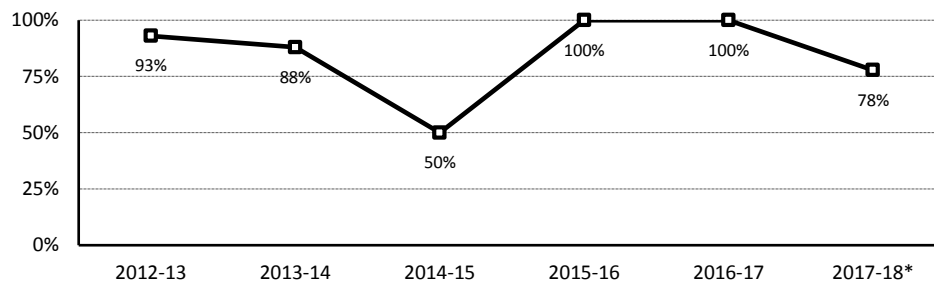


Do you plan to continue your education?

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%

* n = 9

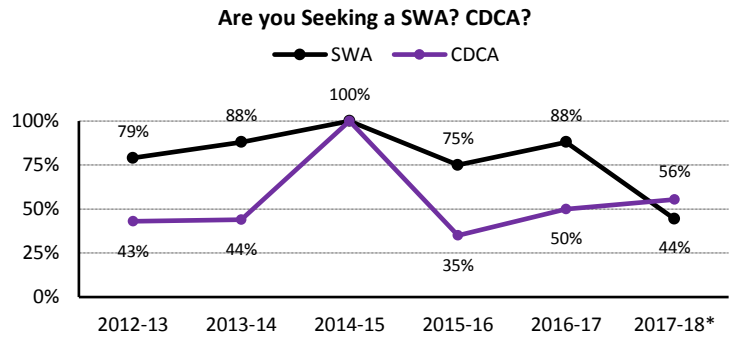
**Do you plan to continue your education?
Total Pursuing Now/Pursuing in Future**



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

Grad Year	SWA	CDCA
2012-13	79%	43%
2013-14	88%	44%
2014-15	100%	100%
2015-16	75%	35%
2016-17	88%	50%
2017-18*	44%	56%

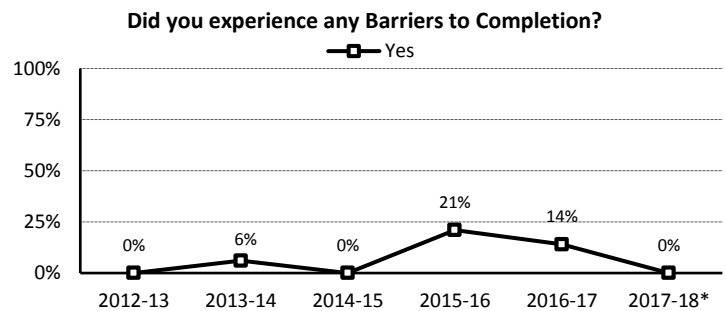
* n = 9



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%

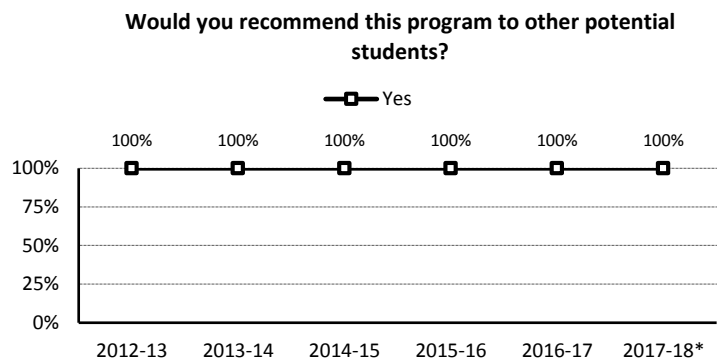
* n = 9



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%

* n = 9

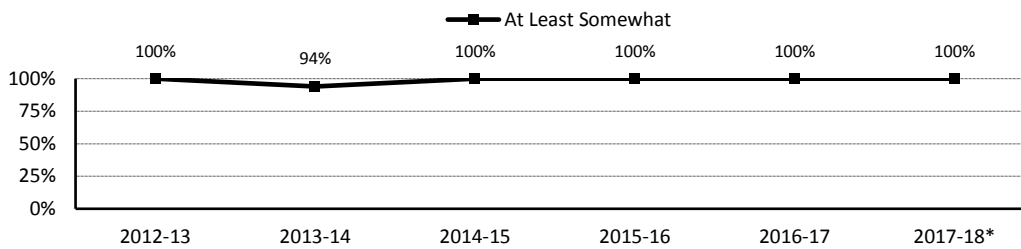


How well did the Human Services Program prepare you for the field?

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%

* n = 8

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

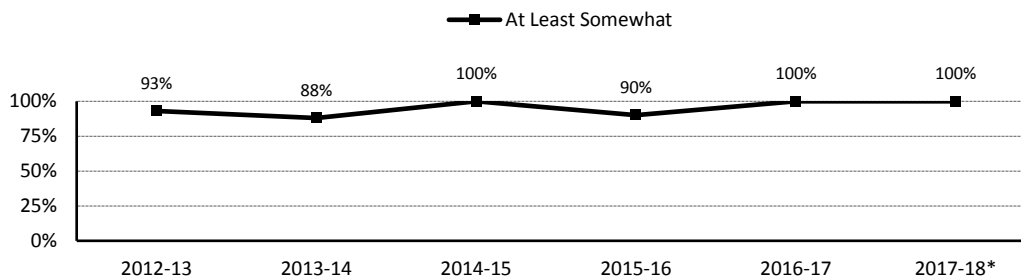


How well did the General Education Courses prepare you for the field?

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%

* n = 8

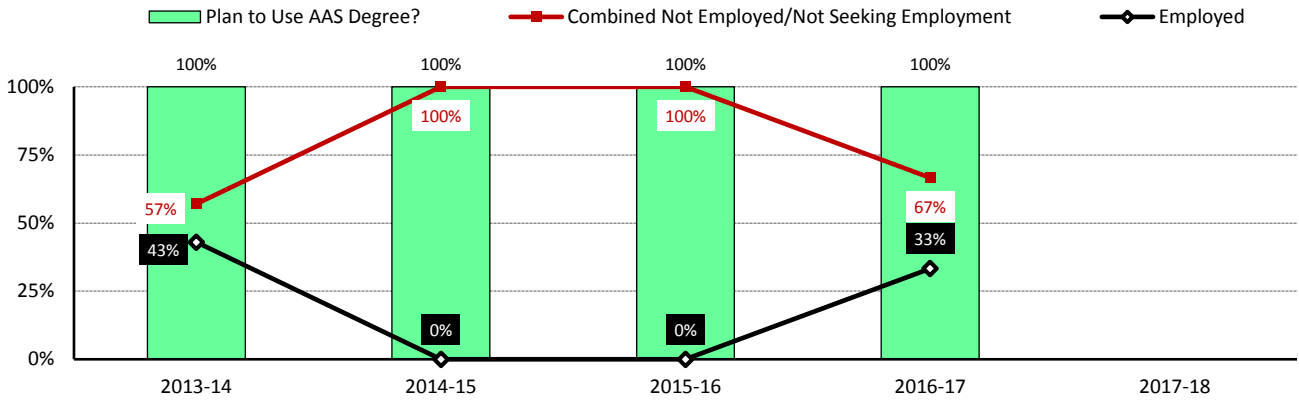
How well did the General Education Courses prepare you for the field?



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					

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



Do you plan to continue your education?

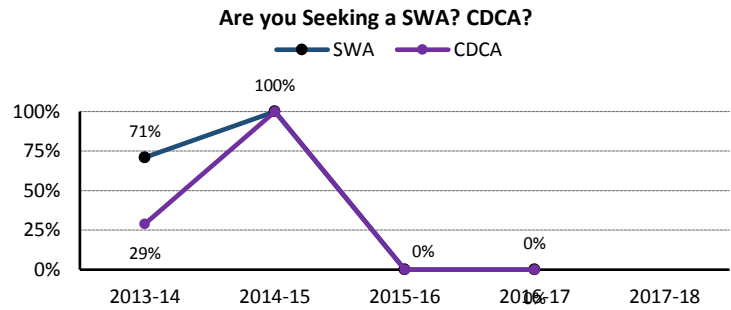
Grad Year	Pursuing Now	Pursuing in Future	Undecided	No Plans to Pursue	Total Pursuing Now/Pursuing in Future
2013-14	43%	43%	0%	14%	86%
2014-15	0%	50%	0%	50%	50%
2015-16	100%	0%	0%	0%	100%
2016-17	0%	0%	0%	67%	0%
2017-18					

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



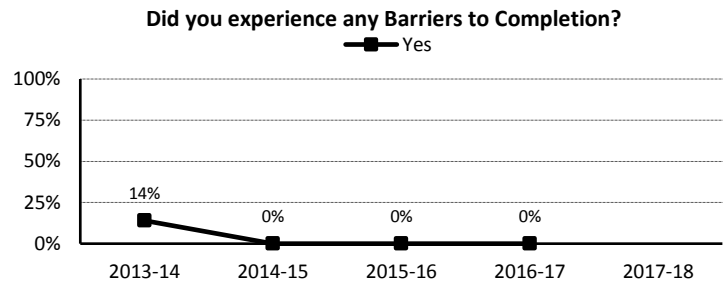
Are you seeking a SWA? Are you seeking a CDCA?

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



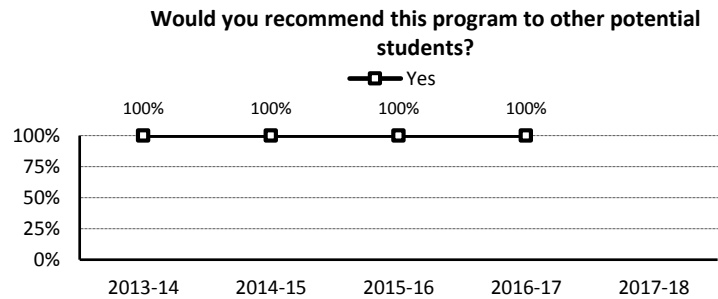
Did you experience any barriers to completion?

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



Would you recommend this program to other potential students?

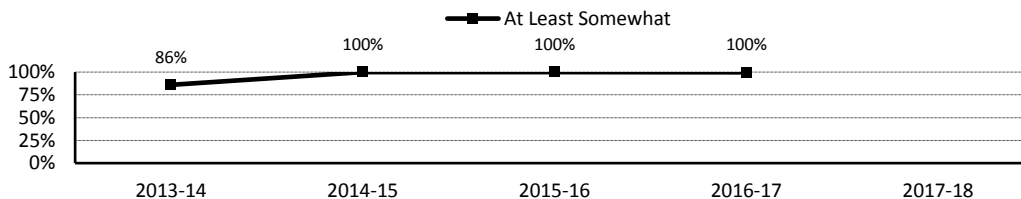
Grad Year	Yes	No
2013-14	100%	0%
2014-15	100%	0%
2015-16	100%	0%
2016-17	100%	0%
2017-18		



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				

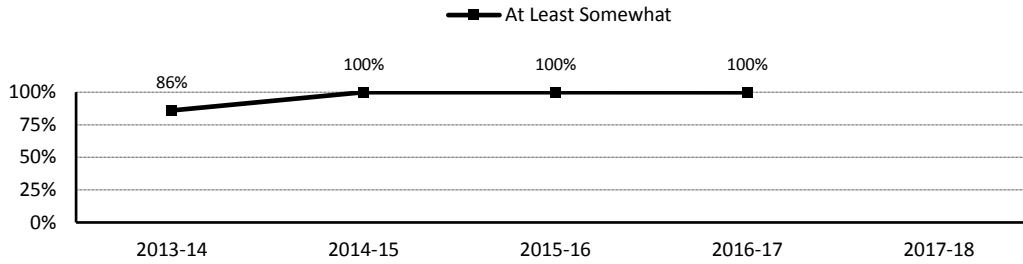
How well did the Human Services Program prepare you for the field?



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				

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

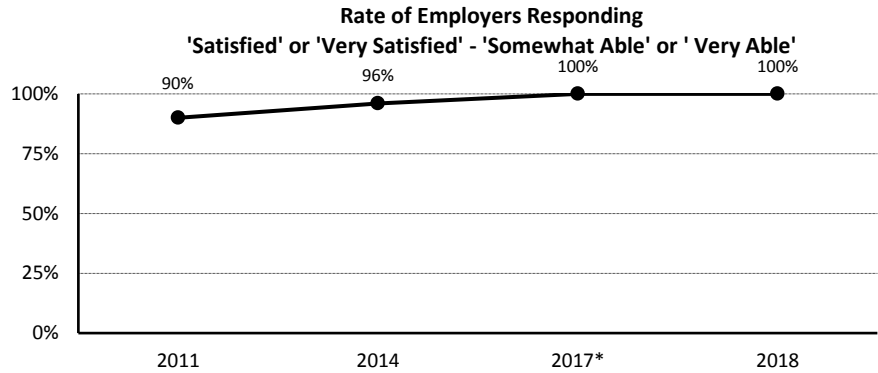
EMPLOYER SATISFACTION - COTC Office of Student Life Employer Survey Results

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%

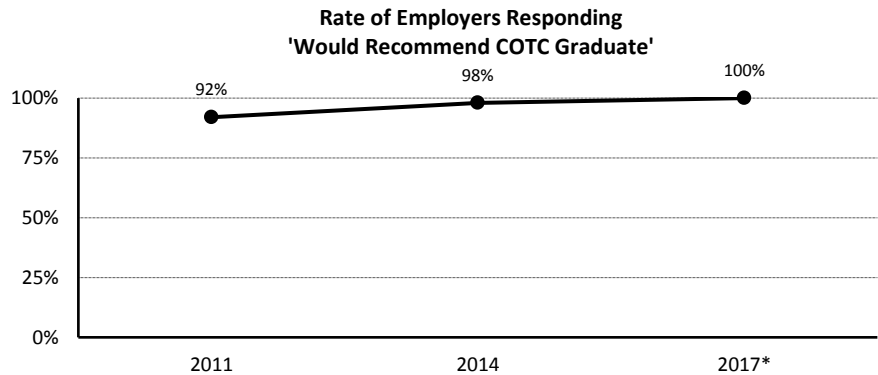
COTC Started asking program-specific questions in 2017; Please rate your COTC graduate-employees' ability on program specific learning outcome



Please indicate if you would recommend COTC graduates¹:

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

*Rating from Employer-Respondents for Human Services Graduates

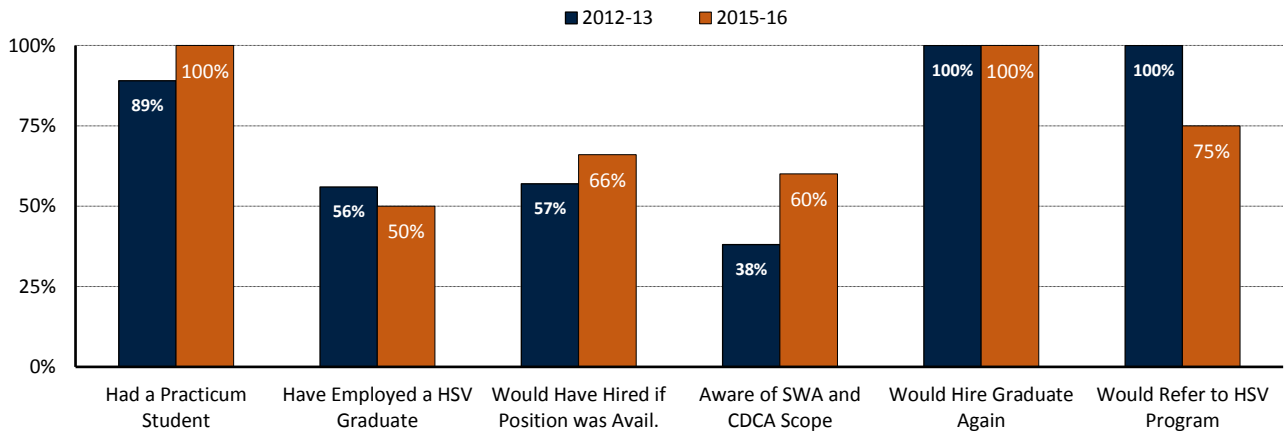


EMPLOYER SATISFACTION - COTC Human Services Technology Employer Survey Results

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%			
Have Employed a HSV Graduate	56%	50%			
Would Have Hired if Position was Avail.	57%	66%			
Aware of SWA and CDCA Scope	38%	60%			
Would Hire Graduate Again	100%	100%			
Would Refer to HSV Program	100%	75%			

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	
Represented Industries: Social Services, Healthcare, Public Administration (Local, State, Federal), Transportation & Warehousing-(social services)	
Number of Employers Responding: 5	
Responses base on approximant number of graduates: 12	
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:	
<ul style="list-style-type: none"> - Currently I have just one staff person who is a graduate of COTC and went on to get her bachelor's from MVNU. She is easily distracted by family issues and gets pulled into staff and/or client drama. She has a hard time maintaining boundaries - We've had very positive experiences with the internship program leading to new hires. They have been well prepared, motivated and positive additions to our staff - These employee was trained by me who is a graduate from COTC - Students who are in or have graduated from the Human Services field are very knowledgeable and have a great skill set - These individuals were prepared, willing to learn, and desired growth 	
Graduate Skill Assessment	<i>On a scale from 1-5 with 1 being 'Very Unable' and 4 being 'Very Able'</i> <i>5= Not applicable</i>

General Skills (5 respondents for 12 grads)	Very Unable	Somewhat Unable	Somewhat Able	Very Able	NA
Read, write, speak, listen, and analyze written and spoken communication			2	4	
Make informed decisions using mathematical data and logical thinking		2		3	
Use logical inquiry and problem solving strategies		2		3	
Test and evaluate hypotheses		3		1	1
Aware of social and cultural differences				5	

Technical Skills (4 respondents for 12 grads)	Very Unable	Somewhat Unable	Somewhat Able	Very Able	NA
Demonstrate an understanding of the role of the human services worker in a variety of social services settings			1	3	
Examine current social issues and their impact on society, including substance abuse and dependence			1	3	

Technical Skills (4 respondents for 12 grads)	Very Unable	Somewhat Unable	Somewhat Able	Very Able	NA
Compare and contrast a variety of family and multidimensional systems in relation to human behaviors and the environment			1	3	
Apply interpersonal and group leadership skills in helping relationships			1	3	
Apply case management skills, including documentation, assessment, treatment planning, crisis intervention and the ability to make appropriate referrals			1	3	
Demonstrate the ability to adhere to professional, ethical standards, including confidentiality, sensitivity when working with diverse populations and responsibility for professional growth			1	3	

Additional Questions		
Would you recommend COTC graduates to a peer? (4 respondents)	Yes = 4 (100%)	No = 0

Responses for 2018 found 100% reporting "very able" to the technical human services program learning outcomes. Comments from the respondent(s) included:

- We also are very pleased with providing internships and will continue to accept qualified candidates for those positions at the agency.
- Thank you for preparing your students with educational and real world experiences.

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