



**2014-2019 Florida Engineering Technology (ET) and Related Program Student Enrollment and Completion
 5-Year Trend Study**

FLATE, a National Science Foundation Regional Center of Excellence, annually requests and compiles student enrollment and completion data for the Engineering Technology (ET) and related A.S. and B.S. degrees and college credit certificate (CCC) programs for Florida colleges, and for related technology programs at the secondary and PSAV level. These data, provided by the Florida Department of Education, are reliable but do not include enrollment for undeclared majors or enrollment in duplicate programs (such as certificates under degree programs). College Registrar reporting/cut dates also result in some reported enrollment discrepancies. Minor anomalies may occur as older program titles are collapsed and added program titles are added. This review contains five sections and an appendix with individual ET adopting college performance, and presents a 5-year trend study which includes the 2018-19 FLDOE report year.

Notes:

na: not available; nr: not reported; () asterisk: Data for groups less than 10*

"The total for student enrolment and completion in Florida is reported as the sum of males, females, and unkwon data."

PSAV programs no longer exist in Florida. These programs are now Career Certificate Programs.

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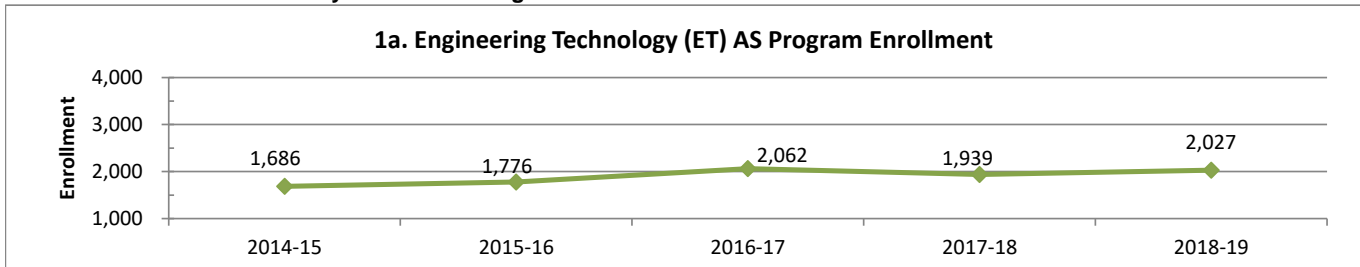
Appendix A. 5-year Enrollment Breakout for Colleges Adopting the Engineering Technology (ET) Degree Program and/or Certificates

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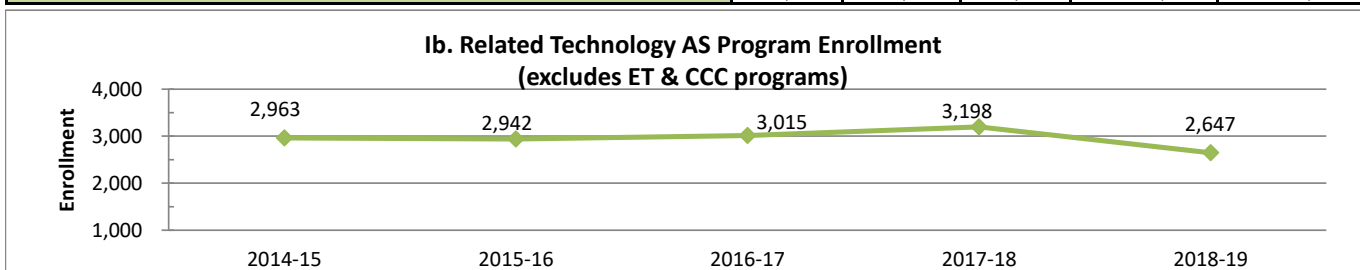
Section I: Florida Engineering Technology (ET) and Related AS Degree Program Student Enrollment

I a. ET AS Degree Program Student Enrollment Excluding CCC	2014-15	2015-16	2016-17	2017-18	2018-19
ET AS Student Enrollment	1,686	1,776	2,062	1,939	2,027
Number of Colleges Adopting the ET Program*	19	19	19	21	23

*Out of Florida's 28 Community and State Colleges



I b. Related Technology AS Degree Program Student Enrollment Excluding ET Degree and CCC Programs	2014-15	2015-16	2016-17	2017-18	2018-19
	2,963	2,942	3,015	3,198	2,647



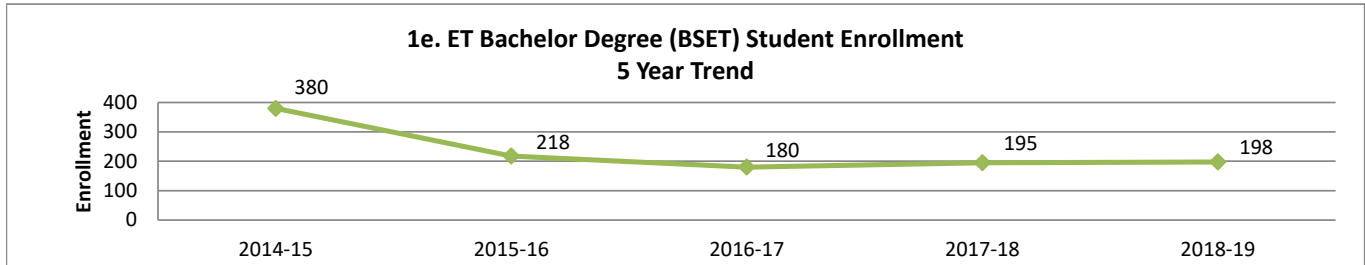
In 2nr15-16 ET AS Degree program represented 38% of total Florida technology AS degree program enrollment (N=4,718).
 In 2nr16-17 ET AS Degree program represented 41% of total Florida technology AS degree program enrollment (N=5,054).
 In 2nr17-18 ET AS Degree program represented 38% of total Florida technology AS degree program enrollment (N=5,137).
 In 2nr18-19 ET AS Degree program represented 40% of total Florida technology AS degree program enrollment (N=5,013).

I c. Selected Demographic Profile for ET & Related Technology AS Degree Program Enrolled Students	2014-15	2015-16	2016-17	2017-18	2018-19
ET Technology Program % Female Enrollment	10%	12%	11%	12% (238)	12% (246)
Related Technology Program % Female Enrollment	20%	24%	27%	30% (959)	35% (933)
ET Technology Program % Minority Enrollment	47%	46%	47%	49% (944)	48% (983)
Related Technology Program % Minority Enrollment	52%	49%	48%	50% (1,588)	52% (1,385)
ET Program % Disability Enrollment (New)					8.1% (165)
Related Technology Program % Disability Enrollment (New)					7.8% (207)
ET Program Military/Veteran Status Enrollment (New)					1.5% (30)
Related Technology Program Military/Veterans Status Enrollment (New)					2.0 % (53)
ET Program MSSC Enrollment (New)					0.35% (7)
Related Technology Program MSSC Enrollment (New)					0.04% (1)

I d. Engineering Technology and Related Technology Enrollment by Program (does not include certificates)					
() Indicates number of colleges offering the program for the 2018-19 Academic Year.					
ATC: Advanced Technology Credit for POST AA/AS degree students.					
(23) Engineering Technology (ET) Degree Enrollment	1,686	1,776	2,062	1,939	2,027
(1) Aerospace Technology	103	112	126	149	149
(4) Chemical Technology	382	645	804	1,077	1,298
(2) Electrical Distribution Technology	31	27	30	nr	44
(3) Electrical Power Technology	230	184	173	165	133
(6) Electronics Engineering Technology	1,071	965	870	813	757
(17) Industrial Management Technology	399	294	238	241	252
(1) Manufacturing Technology	nr	10	nr	nr	14
(1) Simulation Technology	16	16	13	13	nr
(1nr) Supply Chain Management				12	nr
(1) Telecommunications Engineering Technology			nr	nr	nr
Total Degree Enrollment / ET and Related	3,918	4,029	4,316	2,470	4,674

I e. ET Bachelor Degree (BSET) Student Enrollment with # Offering Colleges Shown in ()	2014-15	2015-16	2016-17	2017-18	2018-19
Total BSET Enrollment Offering	567 (4)	538 (4)	486 (3)	497 (3)	489 (3)
College & Program Name with Enrollment					
Daytona State College* - Engineering Technology	380	218	180	195	198
Miami Dade College - Electronics Engineering Technology	125	143	118	115	115
State College of Florida** - Energy Technology Management	27	nr	nr	nr	nr
Valencia College - Electronics Engineering Technology	143	177	188	187	176

* Hybrid online program **Selected courses available online



I f. BSET Enrollment Demographic Profile	2014-15	2015-16	2016-17	2017-18	2018-19
% Female BSET Enrollment	16%	14%	12%	14% (27)	17% (33)
% Minority BSET Enrollment	51%	28%	33%	38% (74)	38% (76)
% BSET Disability Enrollment (New)					6% (11)
% BSET Military/Veteran Status Enrollment (New)					1% (1)

Section II: Florida Engineering Technology (ET) and Related Degree Program Student Completion

	2014-15	2015-16	2016-17	2017-18	2018-19
II a. Engineering Technology (ET) AS Degree Program Completion	110	na	125	163	171
II b. Related Technology AS Degree Completion					
Excludes ET Degree and College CCC Programs	346	na	na	300	311

In 2014-15 the ET AS Degree program represented 24 % of total Florida technology AS degree program completions, N=456

In 2015-16, 2016-17 the ET AS Degree program completions were not available

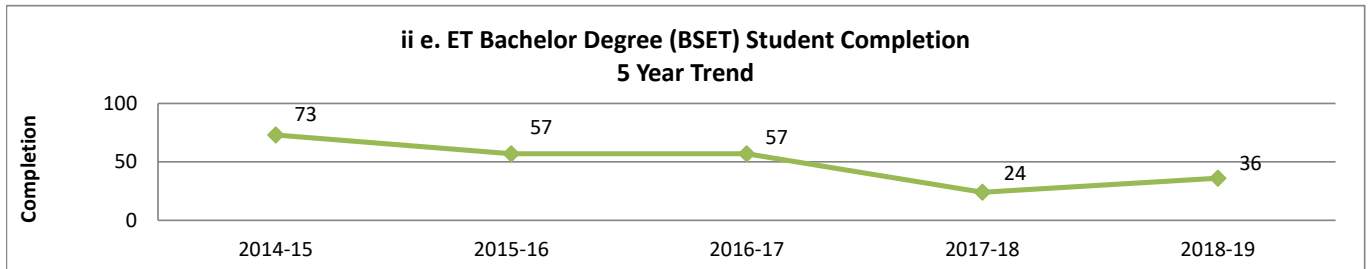
In 2017-18 the ET AS Degree program represented 38 % of total Florida technology AS degree program completions, N=463

In 2018-19 the ET AS Degree program represented 35% of total Florida technology AS degree program completions, N=482

II c. Selected Demographic Profile for ET and Related Technology AS Degree Program Completion					
	2014-15	2015-16	2016-17	2017-18	2018-19
ET Program % Female Completion	7%	na	na	14% (23)	12% (21)
Related Technology Program % Female Completion	16%	na	na	21% (62)	25% (79)
ET Technology Program % Minority Completion	36%	na	na	38% (62)	37% (64)
Related Technology Program % Minority Completion	51%	na	na	37% (110)	46% (144)
ET Program % Disability Completion (New)					5% (8)
Related Technology Program % Disability Completion (New)					14% (43)
ET Program Military/Veteran Status Completion (New)					nr
Related Technology Program Military/Veteran Status Completion (New)					4.8% (15)
ET Program MSSC Completion (New)					2% (4)
Related Technology Program MSSC Completion (New)					nr

II d. Engineering Technology and Related Technology College Degree Completion by Program					
Does not include college credit certificates-CCC					
AS Degree Completion	2014-15	2015-16	2016-17	2017-18	2018-19
(23) Engineering Technology	110	nr	nr	163	171
(1) Aerospace Technology	18	na	nr	30	21
(4) Chemical Technology	21	na	nr	51	103
(2) Electrical Distribution Technology	2	na	nr	nr	13
(3) Electrical Power Technology	29	na	nr	49	34
(6) Electronics Engineering Technology	123	na	nr	70	90
(17) Industrial Management Technology	98	na	nr	17	50
(1) Manufacturing Technology	na	na	nr	nr	nr

II d. Engineering Technology and Related Technology College Degree Completion by Program					
AS Degree Completion Continued	2014-15	2015-16	2016-17	2017-18	2018-19
(1) Simulation Technology				3	nr
(10) Supply Chain Management				2	nr
(1) Telecommunications Engineering Technology		na	nr	nr	nr
Total College Completion	273	na	nr	385	482
II e. ET Bachelor Degree (BSET)					
	2014-15	2015-16	2016-17	2017-18	2018-19
Total BSET Completion	73	57	57	24	36



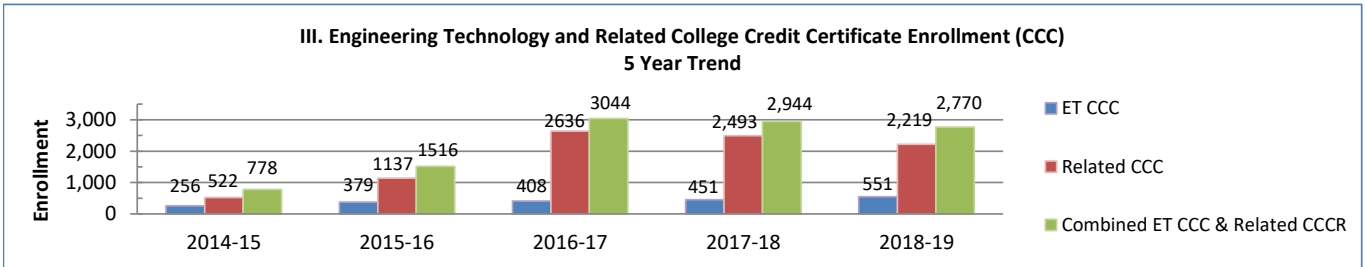
II f. BSET Demographic Profile	2014-15	2015-16	2016-17	2017-18	2018-19
BSET Female Completion	20%	*19%	na	*4% (1)	25% (9)
BSET Minority Completion	46%	42%	48%	33% (8)	75% (27)
BSET Disability Completion (New)					14% (5)
BSET Military/Veteran Status Completion (New)					nr
* Small numbers such as n=1 or n=2 skew percentage relevance					
		*n=2	*n=1	*n=1	*n=1

Section III: Florida ET and Related College Credit Certificate (CCC) Student Enrollment by Program

III a. ET Program College Credit Certificate Enrollment (CCC)	2014-15	2015-16	2016-17	2017-18	2018-19
(3) Alternative Energy Systems Specialist - CCC	nr	nr	nr	nr	nr
(1) Applied Technology Specialist - CCC	nr	nr	nr	nr	nr
(6) Automation - CCC	10	17	32	59	68
(1) CNC Composite Fabricator/Programmer - CCC	nr	nr	nr	nr	nr
(2) CNC Machinist Operator/Programmer - CCC		nr	nr	20	nr
(5) CNC Machinist/Fabricator - CCC	18	66	45	59	51
(1) Composite Fabrication and Testing - CCC				nr	nr
(4) Computer-Aided Design and Drafting - CCC	19	31	36	33	35
(1) Digital Manufacturing Specialist - CCC				nr	nr
(5) Electronics Aide - CCC	nr	nr	13	16	nr
(20) Engineering Technology Support Specialist - CCC	105	129	133	146	207
(2) Lean Manufacturing - CCC	nr	nr	nr	nr	nr
(2) Lean Six Sigma Green Belt Certificate - CCC	29	16	24	10	10
(1) Mechanical Designer and Programmer -CCC		nr	nr	nr	nr
(5) Mechatronics - CCC		43	51	29	84
(1) Medical Quality Systems - CCC (New added)	14	10	nr	nr	nr
(9) Pneumatics, Hydraulics & Motors for Manufacturing - CCC	48	40	47	54	71
(7) Rapid Prototyping Specialist - CCC		27	27	25	25
(1) Six Sigma Black Belt Certificate - CCC	13	nr	nr	nr	nr
Total ET Program CCC Enrollment	256	379	408	451	551

III b. Related Technology College Credit Certificate Enrollment by Program (CCCR)					
	2014-15	2015-16	2016-17	2017-18	2018-19
(1) Aerospace Technician - CCCR (New added)					nr
(3) Alternative Energy Engineering Technology - CCCR	5	nr	13	12	10
(13) AutoCAD foundations - CCCR			226	219	nr
(3) Basic Electronics Technician - CCCR	83	68	63	45	38
(3) Chemical Laboratory Specialist - CCCR	58	65	54	164	252
(1) Electrical Distribution, Advanced Certificate - CCCR	3	nr	nr	nr	nr
(1) Electrical Utility Lineworker Basic (name changed)	29	34	21	27	nr

III b. Related Technology College Credit Certificate Enrollment by Program (CCCR) Continued					
	2014-15	2015-16	2016-17	2017-18	2018-19
(5) Electronics Technician - CCCR	16	41	96	66	62
(2) Industry Operations Specialist - CCCR (New added)					339
(3) Laser and Photonics Technician - CCCR	17	34	25	36	24
(10) Logistics and Transportation Specialist - CCCR	152	92	553	506	526
(4) Robotics and Simulation Technician - CCCR	nr	nr	27	32	15
(6) Scientific Workplace Preparation - CCCR	159	803	1558	1386	943
(1) Solar Energy Technician - CCCR			12	nr	10
Related Technology CCCR Enrollment	522	1137	2636	2,493	2,219
Combined ET CCC & Related CCCR Technology Enrollment	778	1516	3044	2,944	2,770



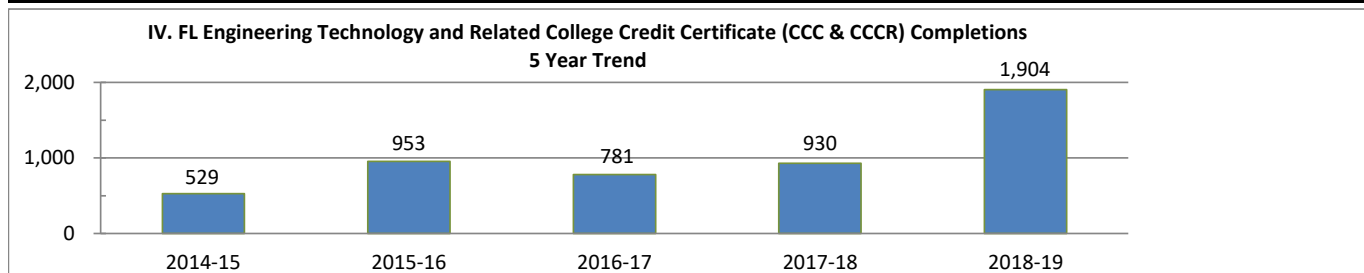
III c. ET CCC & Related College Credit Certificate (CCCR) Enrollment Demographic Profile					
	2014-15	2015-16	2016-17	2017-18	2018-19
% ET CCC & Related CCCR Female Enrollment	52%	55%	55%	52% (1,518)	50% (1,393)
% ET CCC & Related CCCR Minority Enrollment	47%	50%	53%	52% (1,543)	54% (1,497)

Growth to 50 % in female enrollment in 2018-19 is primarily attributed to 740 females enrolled in Scientific Workplace & 526 in Logistics and Transportation Specialist. The largest number of ET CCC female enrollment correspond to 19 females enrolled in ET Support Specialist CCC.

Section IV: Florida ET CCC and Related College Credit Certificate (CCCR) Student Completion by Program

IV a. ET Certificate Student Completion by Program					
	2014-15	2015-16	2016-17	2017-18	2018-19
(3) Alternative Energy Systems Specialist - CCC	nr	nr	nr	nr	2
(1) Applied Technology Specialist - CCC	nr	nr	nr	nr	nr
(6) Automation - CCC	2	nr	10	7	23
(1) CNC Composite Fabricator/Programmer - CCC					3
(2) CNC Machinist Operator/Programmer - CCC	8	29	18	23	24
(5) CNC Machinist/Fabricator - CCC		nr	nr	5	nr
(1) Composite Fabrication and Testing - CCC	nr	nr	4	nr	8
(4) Computer-Aided Design and Drafting - CCC	5	10	15	18	11
(1) Digital Manufacturing Specialist - CCC					nr
(5) Electronics Aide - CCC	nr	4	12	14	6
(20) Engineering Technology Support Specialist - CCC	93	72	96	69	93
(2) Lean Manufacturing - CCC	nr	3	nr	nr	nr
(2) Lean Six Sigma Green Belt Certificate - CCC	nr	27	24	7	8
(1) Mechanical Designer and Programmer -CCC		nr	nr	nr	3
(5) Mechatronics - CCC	23	20	18	5	11
(1) Medical Quality Systems - CCC (New added)	23	8	nr	nr	nr
(9) Pneumatics, Hydraulics & Motors for Manufacturing - CCC	25	21	19	10	44
(7) Rapid Prototyping Specialist - CCC		28	23	21	16
(1) Six Sigma Black Belt Certificate - CCC	16	nr	nr	nr	nr
Total ET Certificate Completion by Program	179	222	239	179	252
IV b. Related Technology Program Certificate Completion					
	2014-15	2015-16	2016-17	2017-18	2018-19
(1) Aerospace Technician - CCCR (New added)					nr
(3) Alternative Energy Engineering Technology - CCCR	nr	3	3	2	2
(13) AutoCAD foundations - CCCR	183	137	130	128	nr
(3) Basic Electronics Technician - CCCR	57	61	51	42	30
(3) Chemical Laboratory Specialist - CCCR	31	24	13	12	118

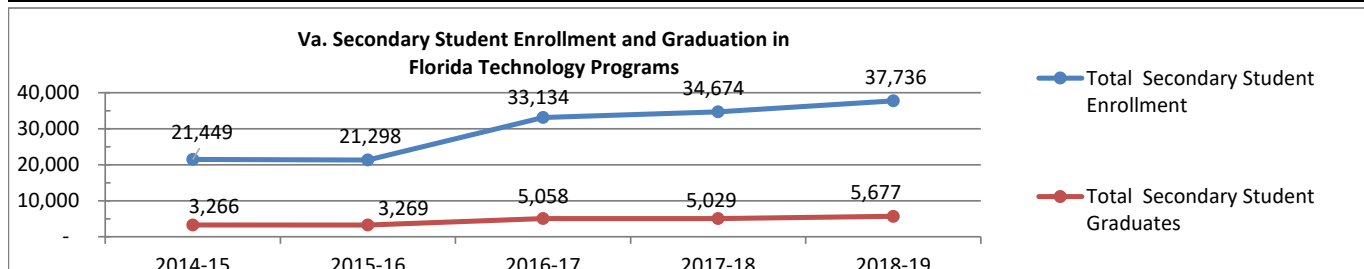
IV b. Related Technology Program Certificate Completion Cont.	2014-15	2015-16	2016-17	2017-18	2018-19
(1) Electrical Distribution, Advanced Certificate - CCCR		nr	nr	nr	nr
(1) Electrical Utility Lineworker Basic (name changed)					nr
(5) Electronics Technician - CCCR	12	3	5	8	25
(2) Industry Operations Specialist - CCCR (New added)					342
(3) Laser and Photonics Technician - CCCR	15	33	55	26	23
(10) Logistics and Transportation Specialist - CCCR	31	17	24	34	85
(4) Robotics and Simulation Technician - CCCR	39	47	90	57	9
(6) Scientific Workplace Preparation - CCCR	nr	7	20	27	1,013
(1) Solar Energy Technician - CCCR	491	575	727	415	5
Related Technology Program Certificate (CCCR) Completion	386	904	1115	751	1652
Total Certificate Completion ET & Related CCCR	529	953	781	930	1,904



IV c. ET & Related College Credit Certificate Completion Demographic Profile	2014-15	2015-16	2016-17	2017-18	2018-19
% ET & Related CCC Female Completion	49%	52%	53%	49% (457)	63% (1,198)
% ET & Related CCC Minority Completion	42%	46%	99%	48% (450)	48% (917)

Section V: Secondary Student Enrollment and Graduation in Florida Technology Programs

V a. Total Secondary Student Enrollment and Graduation - 5 Year Trend					
For 2016-17 report, five secondary programs were added	2014-15	2015-16	2016-17	2017-18	2018-19
Number of Secondary Technology Programs Offered	613	587	832	797	953
Total Secondary Student Enrollment	21,449	21,298	33,134	34,674	37,736
Total Secondary Student Graduates	3,266	3,269	5,058	5,029	5,677



V b. Secondary Student Enrollment by Technology Program					
Program Title	2014-15	2015-16	2016-17	2017-18	2018-19
Advanced Manufacturing Technology (Added - new)					1,412
Applied Engineering Technology			6079	6786	6,408
Applied Robotics			3533	4101	5,055
Applied Welding Technologies	1,488	808	368	340	258
Automation - CCC & Production Technology	494	686	1,178	524	nr
Electronic Systems Technology (Added - new)					nr
Electronics Technology	244	431	80	247	116
Energy Directed Study				nr	nr
Energy Generation Technician				63	113
Energy Technician			340	340	247
Engineering Assisting	73	64	147	160	159
Engineering Pathways	11,648	13,421	15,640	16,982	17,098
Engineering Technology (Secondary)	3,831	1,793	669	333	390

V b. Secondary Student Enrollment by Technology Program Continued					
Program Title	2014-15	2015-16	2016-17	2017-18	2018-19
Industrial Biotechnology	694	1,036	1,356	1,523	1,587
Machining Technology	280	214	114	101	346
Materials and Processes Technology	1,466	1,583	1,576	1,605	1,671
Power and Energy Technology			327	286	269
Power Equipment Technology (Added - new)					130
Production Technology	877	1,008	818	607	531
Solar Energy Technology	68	122	38	49	63
Technology Systems	28	132	297	132	nr
Technical Design (New name)			574	432	nr
Transportation Technology				63	66
Welding Technology Fundamentals (Added - new)					1,817
Total Secondary Student Course Enrollment	19,703	20,490	22,580	34,179	37,736
V c. Secondary Level Technology Student Graduates by Technology Program					
Program Title	2014-15	2015-16	2016-17	2017-18	2018-19
Advanced Manufacturing Technology (added-new)					113
Applied Engineering Technology			606	768	716
Applied Robotics			460	486	607
Applied Welding Technologies	266	212	96	106	94
Electronic Systems Technology (Added - new)					nr
Electronics Technology	36	62	13	39	42
Energy Directed Study				nr	nr
Energy Generation Technician (Added - new)				nr	6
Energy Technician			67	42	41
Engineering Assisting	18	14	35	37	38
Engineering Pathways	1,665	1,788	2,333	2,434	2,541
Engineering Technology (Secondary)	505	295	182	81	62
Industrial Biotechnology	88	123	239	271	293
Machining Technology	38	38	22	16	73
Materials and Processes Technology	261	374	326	298	361
Power and Energy Technology			43	30	36
Power Equipment Technology (added-new)					57
Production Technology	247	279	313	274	259
Solar Energy Technology	14	20	2	1	2
Technical Design (New name)			146	53	nr
Technology Systems (New added)				nr	nr
Transportation Technology	nr	nr	7	6	2
Welding Technology Fundamentals (added-new)					334
Total Secondary Student Technology Program Graduates	2,872	2,993	3,728	4,942	5,677
V d. Selected Demographic Profile for Secondary Technology Programs including Internships					
	2014-15	2015-16	2016-17	2017-18	2018-19
% Female Students of Total Secondary Enrollment	18%	19%	20%	21% (7,162)	21% (7,895)
% Minority Students of Total Secondary Enrollment	48%	51%	52%	53% (18,517)	54% (20,492)
% Female Students of Total Secondary Graduates	18%	19%	48%	19% (954)	20% (1,138)
% Minority Students of Total Secondary Graduates	49%	52%	80%	54% (2,691)	55% (3,123)
Secondary Technology Program Internships	2014-15	2015-16	2016-17	2017-18	2018-19
Total Number of Internships*	8	20	34	nr	nr
Number of Females Placed in Internships	2	4	8	nr	nr
Number of Males Placed in Internships	6	16	26	nr	nr
% Females for Total Placed in Internships	25%	20%	24%	nr	nr
% Minorities Placed in Internships	75% (n=6)	35% (n=7)	62%	nr	nr

Section VI: Post-Secondary Adult Vocational (PSAV) Enrollments, OCP, and Completions

VI a. Post-Secondary Adult Vocational (PSAV) Enrollments, OCP, and Completions

Starting 2020 PSAV no longer exist. These programs are now Career Certificate Programs.

PSAV FLDOE Categories	2014-15	2015-16	2016-17	2017-18	2018-19
Total Student Enrollment	1,773	2,358	1,401	1,472	4,059
Total Student Enrollment Disabled (new added)				12	147
Total Student Enrollment Military/Veterans (new added)				nr	nr
Occupational Completion Point (OCP) Earners (Post-Secondary)	2,953	2,470	1,090	522	3,320
Full Program Completer	457	352	106	28	10,400
Number of Programs Offered	5	14	18	20	31
Number of Participating Institutions	35	32	30	56	61
MSSC Total Enrollment PSAV					2
MSSC Total Completion PSAV					2
Total Industry Certification Post-Secondary - MSCS Failed (added)			11	43	nr
Total Industry Certification Post-Secondary - MCCS Passed (added)			11	nr	4

VI b. Post-Secondary Adult Vocational (PSAV) Enrollments, OCP, and Completions by Program

Program Title	2014-15	2015-16	2016-17	2017-18	2018-19
Advanced Manufacturing and Production Technology (Name changed)	nr	11	12	nr	62
Biomedical Equipment Repair Technology (Added - new)					15
Career and Technical Related Basic Skills				nr	nr
CNC Production Specialist (Added - new)					39
CWE - Engineering and Technology			nr	nr	nr
CWE-Manufacturing (added)		20	nr	19	nr
CWE-Transportation, Distribution & Logistics		691	547	720	184
Electrical & Instrumentation Technology 1 & 2	nr	29	31	22	42
Electronic Technology 1 & 2	nr	331	200	177	175
Energy Technician		40	27	13	16
Industrial Machinery Maintenance & Repair	38	10	18	21	32
Industrial Technology	14	13	nr	nr	nr
Machining Technologies				29	201
Machining - APR	229	163	134	167	nr
Mechatronics Technology (New - added)					31
Power Equipment Technologies (Added - new)					32
Sheet Metal Fabrication Technology - APR		151	141	192	197
Solar Photovoltaic Syst Desing, Inst, Maint-Entry Level	nr	28	63	59	33
Solar Thermal Design, Installation, & Maintenance*		nr	nr	nr	nr
Turbine Generator Maintenance, Inspection & Repair		29	25	25	27
Welding Technology - (Name changed)	1,492	842	191	28	1,884
Welding Technology - Advanced - (New - added)					259

Appendix A - 5-Year Enrollment Breakout for Colleges Adopting the Engineering Technology (ET) Degree Program and/or Certificates					
College Name and Enrollment Type	2014-15	2015-16	2016-17	2017-18	2018-19
Broward College (BC) - Adopted ET 2012					
ET AS Degree Enrollment	327	259	334	228	216
ET AS Degree Female Enrollment				27	31
ET AS Degree Minority Enrollment				190	177
ET AS Enrollment Disability					13
ET AS Enrollment Military/Veteran					1
ET AS Enrollment MSSC					1
ET Certificate Enrollment	30	20	36	55	19
College of Central Florida (CCF) Adopted ET 2008					
ET AS Degree Enrollment	44	52	94	118	129
ET AS Degree Female Enrollment				15	24
ET AS Degree Minority Enrollment				36	49
ET AS Enrollment Disability					17
ET AS Enrollment Military/Veteran					1
ET AS Enrollment MSSC					nr
ET Certificate Enrollment	nr	na	na	nr	nr
Chipola College (CC) - Adopted ET 2016					
ET AS Degree Enrollment		23	29	22	20
ET AS Degree Female Enrollment				4	2
ET AS Degree Minority Enrollment				3	6
ET AS Enrollment Disability					2
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					nr
ET Certificate Enrollment		na	na	nr	nr
Daytona State College (DSC) - Adopted ET 2012					
ET AS Degree Enrollment	na			43	43
ET AS Degree Female Enrollment				3	5
ET AS Degree Minority Enrollment				20	17
ET AS Enrollment Disability					3
ET AS Enrollment Military/Veteran					2
ET AS Enrollment MSSC					nr
ET Certificate Enrollment			na	nr	nr
Eastern Florida State College (EFSC) - Adopted ET 2008					
ET AS Degree Enrollment	198	172	157	139	145
ET AS Degree Female Enrollment				17	18
ET AS Degree Minority Enrollment				55	51
ET AS Enrollment Disability					8
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					2
ET Certificate Enrollment	30	10	19	12	nr
Florida State College at Jax (FSCJ) - Adopted ET 2009					
ET AS Degree Enrollment	136	141	150	166	198
ET AS Degree Female Enrollment				11	18
ET AS Degree Minority Enrollment				92	106
ET AS Enrollment Disability					10
ET AS Enrollment Military/Veteran					9
ET AS Enrollment MSSC					nr
ET Certificate Enrollment	166	121	152	262	362
Florida Keys College (FKC) - Adopted ET 2017					
ET AS Degree Enrollment				12	23
ET AS Degree Female Enrollment				2	3
ET AS Degree Minority Enrollment				2	3
ET AS Enrollment Disability					nr
ET AS Enrollment Military/Veteran					1
ET AS Enrollment MSSC					nr
ET Certificate Enrollment				na	nr
Gulf Coast State College (GCSC) - Adopted ET 2012					
ET AS Degree Enrollment	51	104	113	83	73
ET AS Degree Female Enrollment				5	8
ET AS Degree Minority Enrollment				21	26
ET AS Enrollment Disability					5
ET AS Enrollment Military/Veteran					1
ET AS Enrollment MSSC					1
ET Certificate Enrollment	1	nr	*	nr	nr

College Name and Enrollment Type	2014-15	2015-16	2016-17	2017-18	2018-19
Hillsborough Community College (HCC) - Adopted ET 2008					
ET AS Degree Enrollment	105	130	155	84	106
ET AS Degree Female Enrollment				126	11
ET AS Degree Minority Enrollment				12	71
ET AS Enrollment Disability					12
ET AS Enrollment Military/Veteran					4
ET AS Enrollment MSSC					nr
ET Certificate Enrollment	11	nr	nr	11	11
Lake Sumter State College (LSSC) - Adopted ET 2015					
ET AS Degree Enrollment				89	134
ET AS Degree Female Enrollment				9	11
ET AS Degree Minority Enrollment				29	42
ET AS Enrollment Disability					13
ET AS Enrollment Military/Veteran					4
ET AS Enrollment MSSC					nr
ET Certificate Enrollment				10	35
Related Certificate Enrollment			34	37	27
North Florida Community College (NFCC) - Adopted ET 2018					
ET AS Degree Enrollment				na	12
ET AS Degree Female Enrollment				na	nr
ET AS Degree Minority Enrollment				na	3
ET AS Enrollment Disability					1
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					1
ET Certificate Enrollment				na	na
NorthWest Florida State College (NWFSC) - Adopted ET 2012					
ET AS Degree Enrollment	135	135	141	71	61
ET AS Degree Female Enrollment				11	3
ET AS Degree Minority Enrollment				27	18
ET AS Enrollment Disability					2
ET AS Enrollment Military/Veteran					1
ET AS Enrollment MSSC					nr
ET Certificate Enrollment	29	29	na	nr	nr
Palm Beach State College (PBSC) - Adopted ET 2015					
ET AS Degree Enrollment		33	113	180	201
ET AS Degree Female Enrollment				22	23
ET AS Degree Minority Enrollment				119	144
ET AS Enrollment Disability					17
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					nr
ET Certificate Enrollment		nr	na	nr	14
Pasco-Hernando State College (PHSC) - Adopted ET 2015					
ET AS Degree Enrollment		44	74	93	81
ET AS Degree Female Enrollment				19	9
ET AS Degree Minority Enrollment				31	25
ET AS Enrollment Disability					10
ET AS Enrollment Military/Veteran					2
ET AS Enrollment MSSC					2
ET Certificate Enrollment		*	na	nr	nr
Pensacola State College (PSC) - Adopted ET 2008					
ET AS Degree Enrollment	78	69	72	65	60
ET AS Degree Female Enrollment				5	8
ET AS Degree Minority Enrollment				25	17
ET AS Enrollment Disability					7
ET AS Enrollment Military/Veteran					7
ET AS Enrollment MSSC					nr
ET Certificate Enrollment	nr	nr	na	nr	nr
Polk State College (PSC) - Adopted ET 2009					
ET AS Degree Enrollment	165	140	143	140	126
ET AS Degree Female Enrollment				10	13
ET AS Degree Minority Enrollment				61	56
ET AS Enrollment Disability					7
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					nr
ET Certificate Enrollment	nr	*	17	12	nr

College Name and Enrollment Type	2014-15	2015-16	2016-17	2017-18	2018-19
State College of Florida Manatee/Venice (SCF) - Adopted ET 2009					
ET AS Degree Enrollment	145	122	89	92	89
ET AS Degree Female Enrollment				16	15
ET AS Degree Minority Enrollment				31	38
ET AS Enrollment Disability					8
ET AS Enrollment Military/Veteran					1
ET AS Enrollment MSSC					nr
ET Certificate Enrollment	2	nr	na	nr	nr
Seminole State College (SSC) - Adopted ET 2014					
ET AS Degree Enrollment			24	22	47
ET AS Degree Female Enrollment				4	11
ET AS Degree Minority Enrollment				13	26
ET AS Enrollment Disability					5
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					nr
ET Certificate Enrollment			na	nr	nr
South Florida State College (SFSC) - Adopted ET 2017					
ET AS Degree Enrollment			na	na	14
ET AS Degree Female Enrollment				na	2
ET AS Degree Minority Enrollment				na	11
ET AS Enrollment Disability					1
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					nr
ET Certificate Enrollment			na	na	nr
St. Johns River SC (SJRC) - Adopted ET Fall 2019					
ET AS Degree Enrollment				na	38
ET AS Degree Female Enrollment				na	4
ET AS Degree Minority Enrollment				na	17
ET AS Enrollment Disability					3
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					nr
ET Certificate Enrollment				na	20
St. Petersburg College (SPC) - Adopted ET 2008					
ET AS Degree Enrollment	221	265	258	189	172
ET AS Degree Female Enrollment				32	24
ET AS Degree Minority Enrollment				68	61
ET AS Enrollment Disability					12
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					nr
ET Certificate Enrollment	66	95	98	77	78
Tallahassee Community College (TCC) - Adopted ET 2011					
ET AS Degree Enrollment	18	47	55	61	39
ET AS Degree Female Enrollment				14	3
ET AS Degree Minority Enrollment				37	19
ET AS Enrollment Disability					9
ET AS Enrollment Military/Veteran					nr
ET AS Enrollment MSSC					nr
ET Certificate Enrollment	5	nr	na	nr	nr
Valencia - ET coming soon Spring 2020					
ET AS Degree Enrollment			na	na	na
ET AS Degree Female Enrollment				na	na
ET AS Degree Minority Enrollment				na	na
ET AS Enrollment Disability					na
ET AS Enrollment Military/Veteran					na
ET AS Enrollment MSSC					na
ET Certificate Enrollment			10	na	12

**Appendix B: Engineering Technology, Related Program, and College Credit Certificates (CCC) Student Enrollment by College
5-year Trend Study**

Source: FLDOE College Credit Student Data Base

Highlight indicates adoption of ET Degree	2014-15	2015-16	2016-17	2017-18	2018-19
Broward College	417	429	608	509	446
College of Central Florida	44	52	94	138	153
Chipola College	nr	23	29	22	20
Daytona State College	155	248	125	200	84
Eastern Florida State College	921	1,132	1,165	1,130	949
Florida State College at Jacksonville	1,276	1,959	2,256	2,219	1,947
Florida SouthWestern Florida State College (Formerly Edison)	23	nr	nr	261	474
Florida Gateway College	19	37	59	12	nr
Florida Keys				12	23
Gulf Coast State College	123	113	85	83	73
Hillsborough Community College	325	546	435	436	284
Indian River State College	282	204	282	245	168
Lake Sumter State College	65	64	111	126	213
Miami Dade College	364	624	258	230	169
North Florida Community College				nr	12
Northwest Florida State College	146	247	179	87	61
Palm Beach State College	156	182	246	321	348
Pasco-Hernando State College	63	105	137	150	81
Pensacola State College	170	141	151	133	125
Polk State College	165	224	213	198	199
Santa Fe College	80	93	112	38	38
State College of Florida Manatee-Sarasota-Venice	122	98	89	92	89
Seminole State College	78	74	214	286	289
South Florida State College	nr	31	17	12	14
St. Johns River State College	15	68	11	nr	58
St. Petersburg College	434	461	507	368	284
Tallahassee Community College	73	71	87	75	39
Valencia Community College	730	795	663	698	804
Total Enrollment for all Institutions*	6,246	8,021	8,133	8,081	7,444

*The Total Enrollment by College appendix includes AS enrollment for Engineering Technology (ET) and Related Technology AS programs and ET and Related Technology College Credit Certificates (CCC). All data reported here is extracted by reports provided by the FLDOE. Reporting by FLATE in this report begins with college ET adoption year. Some added adopters and programs are too recent to display FLDOE data.

Enrollment discrepancies may exist due to enrollment coding at the individual institutional level, for instance, a student working towards the ET AS degree may be coded as a certificate enrollment, change of major form has not been recorded, or reporting by the office of the registrar may be in error, etc. Certificates refer to College Credit Certificates (CCC).