



**2015-2020 Florida Engineering Technology (ET) and Related Program Student Enrollment and Completion Trend Study**

FLATE, now under FloridaMakes umbrella, annually requests and compiles student enrollment and completion data for the Engineering Technology (ET) and related A.S. degrees and college credit certificate (CCC) programs for Florida colleges, and for related technology programs. 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 three sections and an appendix with individual ET and related AS Degree college performance.

**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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ET CCC & Related College Credit Certificate (CCCR) Enrollment by College

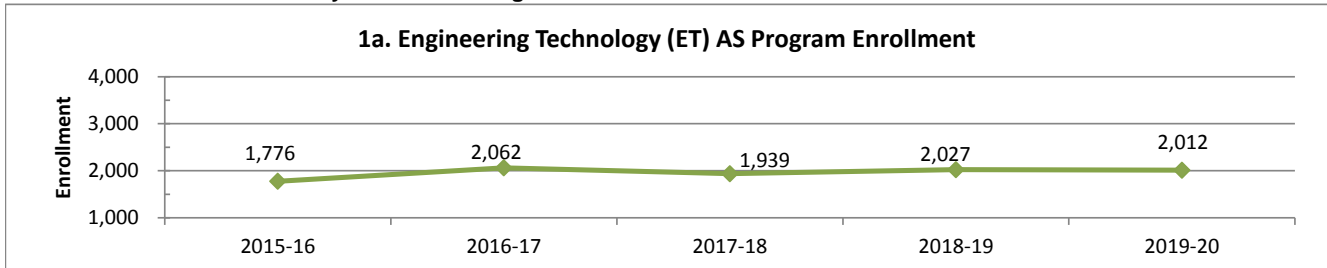
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- Appendix B. 2019-20 Completion Breakout for Colleges Adopting the Engineering Technology (ET) and related AS Degree Program
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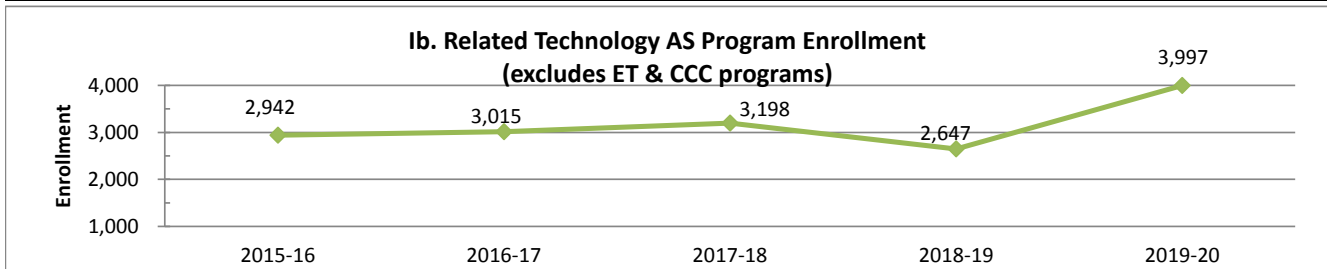
**Section I: Florida Engineering Technology (ET) and Related AS Degree Program Student Enrollment**

I a. ET AS Degree Program Student Enrollment Excluding CCC	2015-16	2016-17	2017-18	2018-19	2019-20
ET AS Student Enrollment	1,776	2,062	1,939	2,027	2,012
Number of Colleges Adopting the ET Program*	19	19	21	23	22

\*Out of Florida's 28 Community and State Colleges



I b. Related Technology AS Degree Program Student Enrollment Excluding ET Degree and CCC Programs	2015-16	2016-17	2017-18	2018-19	2019-20
	2,942	3,015	3,198	2,647	3,997



In year 2016-17 ET AS Degree program represented 41% of total Florida technology AS degree program enrollment (N=5,054).

In year 2017-18 ET AS Degree program represented 38% of total Florida technology AS degree program enrollment (N=5,137).

In year 2018-19 ET AS Degree program represented 40% of total Florida technology AS degree program enrollment (N=5,013).

In year 2019-20 ET AS Degree program represented 33% of total Florida related mfg technology AS degree program enrollment (N=6,009).

Number of AS Degree related programs have changed. For 2018-19, the number of AS Related programs were 10, for 2019-20, number of related programs were 13.

I c. Engineering Technology and Related Technology Enrollment by Program (does not include certificates)					
	2015-16	2016-17	2017-18	2018-19	2019-20
<b>(22) Engineering Technology (ET) Degree Enrollment</b>	<b>1,776</b>	<b>2,062</b>	<b>1,939</b>	<b>2,027</b>	<b>2,012</b>
(1) Aerospace Technology	112	126	149	149	168
(4) Aviation Management (added)					671
(3) Biomedical Equipment Technician (added)					145
(4) Chemical Technology	645	804	1,077	1,298	1,244
(2) Electrical Distribution Technology	27	30	nr	44	36
(3) Electrical Power Technology	184	173	165	133	123
(7) Electronics Engineering Technology	965	870	813	757	782
(16) Industrial Management Technology	294	238	241	252	224
(1) Manufacturing Technology	10	nr	nr	14	14
(1) Simulation Technology	16	13	13	nr	nr
(9) Supply Chain Management			12	nr	460
(2) Transportation and Logistics (added)					86
(1) Telecommunications Engineering Technology		nr	nr	nr	removed
(2) Unmanned Vehicle Systems Operations (added)					44
<b>Total Degree Enrollment / ET and Related</b>	<b>4,029</b>	<b>4,316</b>	<b>4,409</b>	<b>4,674</b>	<b>6,009</b>

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

	2015-16	2016-17	2017-18	2018-19	2019-20
<b>II a. Engineering Technology (ET) AS Degree Program Completion</b>	na	125	163	171	180
<b>II b. Related Technology AS Degree Completion Excludes ET Degree and College CCC Programs</b>	na	na	300	311	395

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.

In 2019-20 the ET AS Degree program represented 31% of total Florida related mfg technology AS degree program completions, N=575.

<b>II c. Engineering Technology and Related Technology College Degree Completion by Program</b>					
<b>Does not include college credit certificates-CCC</b>					
<b>AS Degree Completion</b>	2015-16	2016-17	2017-18	2018-19	2019-20
<b>(23) Engineering Technology</b>	nr	nr	163	171	180
(1) Aerospace Technology	na	nr	30	21	18
(4) Aviation Maintenance Management (added)					4
(3) Biomedical Equipment Technician (added)					3
(4) Chemical Technology	na	nr	51	103	4
(2) Electrical Distribution Technology	na	nr	nr	13	2
(3) Electrical Power Technology	na	nr	49	34	3
(6) Electronics Engineering Technology	na	nr	70	90	7
(17) Industrial Management Technology	na	nr	17	50	16
(1) Manufacturing Technology	na	nr	nr	nr	1
(1) Simulation Technology				3	1
(10) Supply Chain Management				2	9
(1) Telecommunications Engineering Technology		na	nr	nr	removed
(2) Unmanned Vehicle Systems Operations					nr
<b>Total College Completion</b>	<b>0</b>	<b>na</b>	<b>nr</b>	<b>487</b>	<b>575</b>

**Section III: Florida ET and Related Technology College Credit Certificate Student Enrollment by College  
5-year Trend Study**

Source: FLDOE College Credit Student Data Base

<b>Highlight indicates adoption of ET Degree</b>	2015-16	2016-17	2017-18	2018-19	2019-2020
<i>Broward College</i>	429	608	509	446	56
<i>Chipola College</i>	23	29	22	20	*
<i>College of Central Florida</i>	52	94	138	153	*
<i>Daytona State College</i>	248	125	200	84	*
<i>Eastern Florida State College</i>	1,132	1,165	1,130	949	31
<i>Florida Gateway College</i>	37	59	12	nr	*
<i>Florida Keys</i>			12	23	0
<i>Florida SouthWestern Florida State College (Formerly Edison)</i>	nr	nr	261	474	*
<i>Florida State College at Jacksonville</i>	1,959	2,256	2,219	1,947	946
<i>Gulf Coast State College</i>	113	85	83	73	*
<i>Hillsborough Community College</i>	546	435	436	284	32
<i>Indian River State College</i>	204	282	245	168	84
<i>Lake Sumter State College</i>	64	111	126	213	31
<i>Miami Dade College</i>	624	258	230	169	11
<i>North Florida Community College</i>			nr	12	*
<i>Northwest Florida State College</i>	247	179	87	61	*
<i>Palm Beach State College</i>	182	246	321	348	41
<i>Pasco-Hernando State College</i>	105	137	150	81	*
<i>Pensacola State College</i>	141	151	133	125	*
<i>Polk State College</i>	224	213	198	199	36
<i>Santa Fe College</i>	93	112	38	38	*
<i>Seminole State College</i>	74	214	286	289	10
<i>South Florida State College</i>	31	17	12	14	*
<i>St. Johns River State College</i>	68	11	nr	58	92
<i>St. Petersburg College</i>	461	507	368	284	67
<i>State College of Florida Manatee-Sarasota-Venice</i>	98	89	92	89	*
<i>Tallahassee Community College</i>	71	87	75	39	*
<i>Valencia Community College</i>	795	663	698	804	3,311
<b>Total Enrollment for all Institutions</b>	<b>7,226</b>	<b>7,470</b>	<b>7,383</b>	<b>6,640</b>	<b>4,748</b>

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).



Transportation and Logistics	56	32	24		3	7	45		1			3	3			
<b>NORTH FLORIDA COLLEGE</b>	<b>14</b>	<b>12</b>	<b>2</b>		<b>13</b>		<b>1</b>							<b>2</b>		
Engineering Technology	14	12	2		13		1							2		
<b>NORTHWEST FLORIDA STATE COLLEGE</b>	<b>67</b>	<b>62</b>	<b>5</b>	*	<b>47</b>	<b>9</b>	<b>6</b>	<b>1</b>	*	*	<b>3</b>	<b>1</b>	<b>4</b>	<b>2</b>	*	
Engineering Technology	57	54	3		41	8	4	1			2	1	3	2		
Industrial Management Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Unmanned Vehicle Systems Operations	10	8	2		6	1	2				1		1			
<b>PALM BEACH STATE COLLEGE</b>	<b>284</b>	<b>248</b>	<b>33</b>	<b>3</b>	<b>85</b>	<b>79</b>	<b>85</b>		<b>8</b>	<b>1</b>	<b>14</b>	<b>12</b>	<b>13</b>	<b>20</b>		
Electrical Power Technology	67	65	1	1	19	21	19		1		5	2	1	4		
Engineering Technology	171	147	22	2	52	48	51		7	1	3	9	5	6		
Industrial Management Technology	13	12	1		5	2	4				2		1	1		
Supply Chain Management	33	24	9		9	8	11				4	1	6	9		
<b>PASCO-HERNANDO STATE COLLEGE</b>	<b>102</b>	<b>88</b>	<b>14</b>	*	<b>77</b>	<b>3</b>	<b>15</b>	*		<b>1</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>18</b>	*	
Engineering Technology	68	60	8		50	3	9		2		2	2	5	11		
Industrial Management Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Unmanned Vehicle Systems Operations	34	28	6		27		6			1			2	7		
<b>PENSACOLA STATE COLLEGE</b>	<b>102</b>	<b>90</b>	<b>12</b>		<b>68</b>	<b>12</b>	<b>5</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>10</b>		<b>4</b>	<b>22</b>	<b>2</b>	
Electronics Engineering Technology	43	39	4		28	5	3		2		5		3	6		
Engineering Technology	59	51	8		40	7	2	1	3	1	5		1	16	2	
Industrial Management Technology																
<b>POLK STATE COLLEGE</b>	<b>173</b>	<b>140</b>	<b>33</b>	*	<b>95</b>	<b>27</b>	<b>38</b>	*	<b>5</b>	*	<b>7</b>	<b>1</b>	<b>6</b>	<b>17</b>	*	
Electrical Distribution Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Engineering Technology	110	100	10		56	14	28		4		7	1	3	11		
Industrial Management Technology	16	10	6		10	4	2						1			
Supply Chain Management	47	30	17		29	9	8		1				2	6		
<b>SANTA FE COLLEGE</b>	<b>82</b>	<b>46</b>	<b>35</b>	<b>1</b>	<b>40</b>	<b>11</b>	<b>20</b>		<b>2</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>10</b>	<b>6</b>		
Biomedical Equipment Technician	39	31	7	1	18	7	7		1		4	2	5	5		
Chemical Technology	43	15	28		22	4	13		1	1	2		5	1		
<b>SEMINOLE STATE COLLEGE OF FLORIDA</b>	<b>316</b>	<b>178</b>	<b>120</b>	<b>18</b>	<b>155</b>	<b>40</b>	<b>87</b>	*	<b>13</b>	<b>1</b>	<b>12</b>	<b>8</b>	<b>10</b>	<b>14</b>	*	
Chemical Technology	188	91	93	4	80	26	55		9	1	11	6	5	5		
Engineering Technology	118	84	21	13	68	12	31		4		1	2	5	8		
Industrial Management Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Supply Chain Management	10	3	6	1	7	2	1							1		
<b>SOUTH FLORIDA STATE COLLEGE</b>	<b>40</b>	<b>35</b>	<b>5</b>	*	<b>20</b>	<b>5</b>	<b>14</b>	*	*	*	<b>1</b>	*	<b>2</b>	<b>6</b>	*	
Biomedical Equipment Technician	11	8	3		6		5							1		
Engineering Technology	29	27	2		14	5	9				1		2	5		
Supply Chain Management	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>ST. JOHNS RIVER STATE COLLEGE</b>	<b>100</b>	<b>79</b>	<b>15</b>	<b>6</b>	<b>63</b>	<b>11</b>	<b>11</b>		<b>1</b>	<b>1</b>	<b>6</b>	<b>7</b>	<b>4</b>			
Engineering Technology	100	79	15	6	63	11	11		1	1	6	7	4			
<b>ST. PETERSBURG COLLEGE</b>	<b>250</b>	<b>193</b>	<b>52</b>	<b>5</b>	<b>158</b>	<b>23</b>	<b>42</b>	*	<b>10</b>	<b>1</b>	<b>10</b>	<b>6</b>	<b>21</b>	<b>29</b>	*	
Aviation Maintenance Management	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Biomedical Equipment Technician	95	65	28	2	52	9	21		5		6	2	7	12		
Engineering Technology	155	128	24	3	106	14	21		5	1	4	4	14	17		
Industrial Management Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>STATE COLLEGE OF FLORIDA, MANATEE-SARASOTA</b>	<b>91</b>	<b>69</b>	<b>22</b>		<b>59</b>	<b>9</b>	<b>17</b>		<b>2</b>		<b>1</b>	<b>3</b>	<b>8</b>	<b>1</b>		
Engineering Technology	91	69	22		59	9	17		2		1	3	8	1		
<b>TALLAHASSEE COMMUNITY COLLEGE</b>	<b>58</b>	<b>50</b>	<b>8</b>		<b>23</b>	<b>27</b>	<b>1</b>		<b>2</b>		<b>3</b>	<b>2</b>	<b>5</b>	<b>6</b>		
Engineering Technology	58	50	8		23	27	1		2		3	2	5	6		
<b>THE COLLEGE OF THE FLORIDA KEYS</b>	<b>18</b>	<b>15</b>	<b>3</b>		<b>12</b>	<b>2</b>	<b>3</b>		<b>1</b>				<b>1</b>	<b>6</b>		
Engineering Technology	18	15	3		12	2	3		1				1	6		
<b>VALENCIA COLLEGE</b>	<b>458</b>	<b>375</b>	<b>74</b>	<b>9</b>	<b>129</b>	<b>86</b>	<b>166</b>	<b>1</b>	<b>19</b>	<b>3</b>	<b>16</b>	<b>38</b>	<b>7</b>	<b>27</b>		
Electronics Engineering Technology	387	329	51	7	108	72	139	1	16	3	12	36	6	24		
Industrial Management Technology	71	46	23	2	21	14	27		3		4	2	1	3		
<b>Total general</b>	<b>6,009</b>	<b>4506</b>	<b>1428</b>	<b>75</b>	<b>2643</b>	<b>1079</b>	<b>1618</b>	<b>16</b>	<b>192</b>	<b>23</b>	<b>219</b>	<b>219</b>	<b>257</b>	<b>530</b>	<b>11</b>	

(\*) asterisk: Data for groups less than 10 or not reported



Engineering Technology	2	2			2												
<b>NORTHWEST FLORIDA STATE COLLEGE</b>	<b>3</b>	<b>3</b>	*	*	<b>2</b>	*	*	*	*	*	*	<b>1</b>	*	*	*		
Engineering Technology	3	3			2							1					
Industrial Management Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Unmanned Vehicle Systems Operations																	
<b>PALM BEACH STATE COLLEGE</b>	<b>32</b>	<b>28</b>	<b>3</b>	<b>1</b>	<b>12</b>	<b>4</b>	<b>13</b>		<b>1</b>		<b>1</b>	<b>1</b>			<b>1</b>		
Electrical Power Technology	6	6			3	1	2										
Engineering Technology	18	15	2	1	6	2	8		1			1			1		
Industrial Management Technology	8	7	1		3	1	3					1					
Supply Chain Management																	
<b>PASCO-HERNANDO STATE COLLEGE</b>	<b>8</b>	<b>8</b>	*	*	<b>8</b>	*	*	*	*	*	*	*	*	*	<b>1</b>	<b>2</b>	*
Engineering Technology	8	8			8										1	2	*
Industrial Management Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Unmanned Vehicle Systems Operations																	
<b>PENSACOLA STATE COLLEGE</b>	<b>14</b>	<b>13</b>	<b>1</b>		<b>9</b>	<b>1</b>	<b>1</b>		<b>2</b>		<b>1</b>					<b>5</b>	<b>1</b>
Electronics Engineering Technology	7	7			3		1		2		1						2
Engineering Technology	6	5	1		5	1											3
Industrial Management Technology	1	1			1												1
<b>POLK STATE COLLEGE</b>	<b>12</b>	<b>9</b>	<b>3</b>	*	<b>9</b>	<b>1</b>	<b>2</b>	*	*	*	*	*	*	*	*	<b>1</b>	*
Electrical Distribution Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Engineering Technology	3	3			2		1										
Industrial Management Technology																	
Supply Chain Management	9	6	3		7	1	1										1
<b>SANTA FE COLLEGE</b>	<b>14</b>	<b>10</b>	<b>4</b>		<b>9</b>	<b>1</b>	<b>3</b>				<b>1</b>				<b>1</b>	<b>2</b>	
Biomedical Equipment Technician	10	9	1		7		2				1						2
Chemical Technology	4	1	3		2	1	1								1		
<b>SEMINOLE STATE COLLEGE OF FLORIDA</b>	<b>73</b>	<b>36</b>	<b>36</b>	<b>1</b>	<b>37</b>	<b>4</b>	<b>20</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>2</b>			<b>3</b>	<b>3</b>	*
Chemical Technology	66	31	34	1	33	4	18	1	4	1	3	2			3	1	
Engineering Technology	5	4	1		2		2		1							1	
Industrial Management Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Supply Chain Management	2	1	1		2											1	
<b>SOUTH FLORIDA STATE COLLEGE</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
Biomedical Equipment Technician																	
Engineering Technology																	
Supply Chain Management	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>ST. JOHNS RIVER STATE COLLEGE</b>																	
Engineering Technology																	
<b>ST. PETERSBURG COLLEGE</b>	<b>32</b>	<b>22</b>	<b>8</b>	<b>2</b>	<b>19</b>	<b>7</b>	<b>4</b>	*	<b>1</b>	*	*	<b>1</b>			<b>2</b>	<b>3</b>	*
Aviation Maintenance Management	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Biomedical Equipment Technician	15	9	5	1	8	4	2					1			1	2	
Engineering Technology	17	13	3	1	11	3	2		1						1	1	
Industrial Management Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STATE COLLEGE OF FLORIDA, MANATEE-SARASOTA</b>	<b>12</b>	<b>9</b>	<b>3</b>		<b>9</b>	<b>1</b>	<b>1</b>					<b>1</b>					
Engineering Technology	12	9	3		9	1	1					1					
<b>TALLAHASSEE COMMUNITY COLLEGE</b>	<b>3</b>	<b>3</b>			<b>1</b>	<b>2</b>									<b>2</b>	<b>1</b>	
Engineering Technology	3	3			1	2											
<b>THE COLLEGE OF THE FLORIDA KEYS</b>	<b>2</b>	<b>2</b>			<b>1</b>				<b>1</b>								<b>1</b>
Engineering Technology	2	2			1				1								1
<b>VALENCIA COLLEGE</b>	<b>43</b>	<b>36</b>	<b>7</b>		<b>13</b>	<b>6</b>	<b>15</b>		<b>1</b>		<b>3</b>	<b>5</b>			<b>2</b>	<b>4</b>	
Electronics Engineering Technology	31	29	2		10	5	10		1		2	3			1	4	
Industrial Management Technology	12	7	5		3	1	5				1	2			1		
<b>Grand Total</b>	<b>575</b>	<b>434</b>	<b>134</b>	<b>7</b>	<b>278</b>	<b>80</b>	<b>124</b>	<b>1</b>	<b>49</b>	<b>2</b>	<b>15</b>	<b>26</b>			<b>29</b>	<b>53</b>	<b>3</b>

(\*) asterisk: Data for groups less than 10 or not reported







Logistics and Transportation Specialist	10	5	4	1	5	2	1				2			1	
Mechatronics	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rapid Prototyping Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SOUTH FLORIDA STATE COLLEGE</b>															
Logistics and Transportation Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mechatronics	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>ST. JOHNS RIVER STATE COLLEGE</b>	<b>92</b>	<b>74</b>	<b>12</b>	<b>6</b>	<b>55</b>	<b>10</b>	<b>15</b>	*	<b>1</b>	<b>1</b>	<b>5</b>	<b>5</b>	<b>3</b>	*	*
Engineering Technology Support Specialist	81	66	10	5	51	8	11		1	1	4	5	3		
Logistics and Transportation Specialist	11	8	2	1	4	2	4				1				
Robotics and Simulation Technician	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>ST. PETERSBURG COLLEGE</b>	<b>67</b>	<b>54</b>	<b>10</b>	<b>3</b>	<b>44</b>	<b>4</b>	<b>11</b>	*	<b>3</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>6</b>	*
Computer-Aided Design and Drafting	36	26	8	2	23	2	7		1	1	1	1	1	1	
Electronics Aide	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Engineering Technology Support Specialist	17	15	2		10	2	2		1	1		1	3	4	
Lean Six Sigma Green Belt Certificate	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Logistics and Transportation Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mechatronics	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rapid Prototyping Specialist	14	13		1	11		2		1				1	1	
Six Sigma Black Belt Certificate	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STATE COLLEGE OF FLORIDA, MANATEE-SARASOTA</b>															
Alternative Energy Engineering Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Basic Electronics Technician	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Computer-Aided Design and Drafting	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Engineering Technology Support Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>TALLAHASSEE COMMUNITY COLLEGE</b>															
Engineering Technology Support Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pneumatics, Hydraulics & Motors for Manufacturing	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>VALENCIA COLLEGE</b>	<b>3311</b>	<b>1743</b>	<b>1531</b>	<b>37</b>	<b>1041</b>	<b>540</b>	<b>1260</b>	<b>12</b>	<b>166</b>	<b>8</b>	<b>80</b>	<b>204</b>	<b>62</b>	<b>97</b>	
Basic Electronics Technician	52	42	9	1	16	7	13		5		2	9		2	
Electronics Technician	29	27	2		16	3	7					3	1	3	
Industry Operations Specialist	3175	1632	1509	34	985	526	1221	12	160	8	78	185	59	90	
Laser and Photonics Technician	22	16	5	1	9	1	6					6		1	
Rapid Prototyping Specialist	10	5	4	1	3	1	4		1			1	1		
Robotics and Simulation Technician	23	21	2		12	2	9						1	1	
<b>Grand Total</b>	<b>4,748</b>	<b>2,619</b>	<b>2,075</b>	<b>54</b>	<b>1,818</b>	<b>801</b>	<b>1,471</b>	<b>18</b>	<b>215</b>	<b>16</b>	<b>130</b>	<b>279</b>	<b>127</b>	<b>253</b>	<b>4</b>

(\*) asterisk: Data for groups less than 10 or not reported

**Appendix D - 2019-20 Completion Breakout for Colleges Adopting the Engineering Technology (ET) and related CCC**

FL College/ET & Related CCC Programs	Sum of Total # of Completers	Sum of Completion Male	Sum of Completion Female	Sum of Completion Gender Unknown	Sum of Completion White	Sum of Completion Black or African American	Sum of Completion Hispanic/Latino	Sum of Completion American Indian or Alaska Native	Sum of Completion Asian	Sum of Completion Native Hawaiian or Other Pacific Islander	Sum of Completion Two or More Races	Sum of Completion Race Unknown	Sum of Completion Disability	Sum of Completion Military Status	Sum of Completion MSSC
<b>BROWARD COLLEGE</b>	<b>44</b>	<b>38</b>	<b>6</b>	<b>*</b>	<b>10</b>	<b>17</b>	<b>12</b>	<b>1</b>	<b>4</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>1</b>	<b>12</b>	<b>2</b>
Alternative Energy Systems Specialist	11	10	1		3	6	2						1	5	
CNC Machinist Operator/Programmer	4	4			2	1			1					3	
Electronics Aide	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Engineering Technology Support Specialist	15	15			3	4	6	1	1					2	2
Logistics and Transportation Specialist	14	9	5		2	6	4		2					2	
Scientific Workplace Preparation	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CHIPOLA COLLEGE</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
Engineering Technology Support Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pneumatics, Hydraulics & Motors for Manufacturing	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>COLLEGE OF CENTRAL FLORIDA</b>	<b>25</b>	<b>24</b>	<b>1</b>	<b>*</b>	<b>14</b>	<b>5</b>	<b>2</b>	<b>*</b>	<b>1</b>	<b>*</b>	<b>3</b>	<b>*</b>	<b>5</b>	<b>5</b>	<b>*</b>
Automation	8	8			4	1	1				2		3	3	
Engineering Technology Support Specialist	7	7			3	1	1		1		1		1	1	
Lean Six Sigma Green Belt Certificate	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Logistics and Transportation Specialist	4	3	1		3	1								1	
Mechanical Designer and Programmer	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mechatronics	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pneumatics, Hydraulics & Motors for Manufacturing	6	6			4	2							1		
Scientific Workplace Preparation	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>DAYTONA STATE COLLEGE</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
Computer-Aided Design and Drafting	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Engineering Technology Support Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>EASTERN FLORIDA STATE COLLEGE</b>	<b>397</b>	<b>79</b>	<b>318</b>	<b>*</b>	<b>246</b>	<b>40</b>	<b>71</b>	<b>*</b>	<b>20</b>	<b>2</b>	<b>16</b>	<b>2</b>	<b>14</b>	<b>13</b>	<b>1</b>
Aerospace Technician	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Alternative Energy Systems Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Applied Technology Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CNC Machinist/Fabricator	5	4	1		5										
Composite Fabrication and Testing	3	3				1	2							2	1
Engineering Technology Support Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Robotics and Simulation Technician	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Scientific Workplace Preparation	389	72	317		241	39	69		20	2	16	2	14	11	
<b>FLORIDA GATEWAY COLLEGE</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
Logistics and Transportation Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>FLORIDA SOUTHWESTERN STATE COLLEGE</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
Scientific Workplace Preparation	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>FLORIDA STATE COLLEGE AT JACKSONVILLE</b>	<b>349</b>	<b>140</b>	<b>209</b>	<b>*</b>	<b>204</b>	<b>70</b>	<b>30</b>	<b>*</b>	<b>13</b>	<b>1</b>	<b>14</b>	<b>17</b>	<b>24</b>	<b>26</b>	<b>2</b>
Automation															
Chemical Laboratory Specialist	54	18	36		26	13	5		5		3	2	3	4	
CNC Machinist/Fabricator	13	11	2		9					1		3		2	
Engineering Technology Support Specialist	18	16	2		13	1	2					2	2	4	1
Logistics and Transportation Specialist	15	13	2		6	5	2				1	1		3	
Mechatronics	15	14	1		11	2						2	1	1	
Pneumatics, Hydraulics & Motors for Manufacturing	30	30			21	5	2					2	3	4	1
Scientific Workplace Preparation	204	38	166		118	44	19		8		10	5	15	8	
<b>GULF COAST STATE COLLEGE</b>	<b>8</b>	<b>7</b>	<b>1</b>	<b>*</b>	<b>6</b>	<b>*</b>	<b>1</b>	<b>*</b>	<b>1</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>1</b>	<b>*</b>
Automation	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Electronics Aide	4	4			3				1					1	
Logistics and Transportation Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rapid Prototyping Specialist	4	3	1		3		1								
<b>HILLSBOROUGH COMMUNITY COLLEGE</b>	<b>20</b>	<b>18</b>	<b>2</b>	<b>*</b>	<b>13</b>	<b>3</b>	<b>2</b>	<b>*</b>	<b>1</b>	<b>*</b>	<b>1</b>	<b>*</b>	<b>*</b>	<b>4</b>	<b>*</b>



<b>SANTA FE COLLEGE</b>	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Chemical Laboratory Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SEMINOLE STATE COLLEGE OF FLORIDA</b>	<b>8</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>6</b>	<b>1</b>	*	*	*	*	<b>1</b>	*	<b>2</b>	*
Alternative Energy Engineering Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Industry Operations Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Logistics and Transportation Specialist	8	3	4	1	6	1					1		2	
Mechatronics	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rapid Prototyping Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>SOUTH FLORIDA STATE COLLEGE</b>	<b>1</b>	<b>1</b>	*	*	<b>1</b>	*	*	*	*	*	*	*	<b>1</b>	*
Logistics and Transportation Specialist	1	1			1								1	
Mechatronics	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>ST. JOHNS RIVER STATE COLLEGE</b>	<b>43</b>	<b>36</b>	<b>5</b>	<b>2</b>	<b>27</b>	<b>7</b>	<b>4</b>	*	*	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	*
Engineering Technology Support Specialist	43	36	5	2	27	7	4			1	2	2	3	
Logistics and Transportation Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Robotics and Simulation Technician	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>ST. PETERSBURG COLLEGE</b>	<b>23</b>	<b>21</b>	<b>2</b>	*	<b>15</b>	*	<b>5</b>	*	<b>1</b>	<b>2</b>	*	*	<b>3</b>	<b>3</b>
Computer-Aided Design and Drafting	8	7	1		4		3			1			*	*
Electronics Aide	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Engineering Technology Support Specialist	10	9	1		8				1	1			2	3
Lean Six Sigma Green Belt Certificate	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Logistics and Transportation Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mechatronics	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Rapid Prototyping Specialist	5	5			3		2						1	
Six Sigma Black Belt Certificate	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>STATE COLLEGE OF FLORIDA, MANATEE-SARASOTA</b>	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Alternative Energy Engineering Technology	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Basic Electronics Technician	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Computer-Aided Design and Drafting	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Engineering Technology Support Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>TALLAHASSEE COMMUNITY COLLEGE</b>	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Engineering Technology Support Specialist	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Pneumatics, Hydraulics & Motors for Manufacturing	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>VALENCIA COLLEGE</b>	<b>3286</b>	<b>1725</b>	<b>1526</b>	<b>35</b>	<b>1032</b>	<b>537</b>	<b>1250</b>	<b>12</b>	<b>166</b>	<b>8</b>	<b>79</b>	<b>202</b>	<b>62</b>	<b>96</b>
Basic Electronics Technician	46	38	7	1	14	5	12		5		1	9		2
Electronics Technician	25	23	2		15	2	5					3	1	2
Industry Operations Specialist	3174	1630	1510	34	984	526	1221	12	160	8	78	185	59	90
Laser and Photonics Technician	17	13	4		8	1	3					5		1
Rapid Prototyping Specialist	6	4	2		1	1	3		1				1	
Robotics and Simulation Technician	18	17	1		10	2	6						1	1
<b>Grand Total</b>	<b>4,328</b>	<b>2,199</b>	<b>2,091</b>	<b>38</b>	<b>1,652</b>	<b>686</b>	<b>1,401</b>	<b>13</b>	<b>217</b>	<b>14</b>	<b>120</b>	<b>225</b>	<b>119</b>	<b>176</b>

(\*) asterisk: Data for groups less than 10 or not reported