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### Texas Higher Education Coordinating Board Perkins Data Resources for 2016-2017 District Measure - Perkins Core Indicator 1P1: Technical Skill Attainment

### Lamar State College - Orange

#### 1P1: Technical Skill Attainment

Student attainment of challenging career and technical skill proficiencies, including student achievement on technical assessment, that are aligned with industry-recognized standards, if available and appropriate.

Numerator: Number of <u>CTE concentrators</u> who passed technical skill assessments that are aligned with industry-recognized standards, if available and appropriate, during the reporting year.

Denominator: Number of <u>CTE concentrators</u> who took technical skill assessments during the reporting year.

Actual Institutional Performance Compared to State Targets by Program Year												
	20	13-2014		20	14-2015		20	15-2016		2016-2017		
Institution	Actual [1]	ual [1] Target 90% Actual [2] Target 90% Actual [3] Target 90% Target 9										
State Performance/Target	90.65% 12085 / 13331	93.00%	83.70%	89.93% 13302 / 14792	93.00%	83.70%	90.87% 13065 / 14378	91.00%	81.90%	91.00%	81.90%	
Lamar State College - Orange 87.92% 182 / 207 -5.08% +4.22% 92.31% 180 / 195 -0.69% +8.61% 89.64% 173 / 193 -1.36% +7.74%												
Source: CBM001, CBM002, Licensure Data Reporting System Reporting Year: [1] 2012-2013 Licensure pass rate, [2] 2013-2014 Licensure pass rate, [3] 2014-2015 Licensure pass rate												

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### Texas Higher Education Coordinating Board Perkins Data Resources for 2016-2017 District Measure - Perkins Core Indicator 2P1: Credential, Certificate, or Diploma

#### **Lamar State College - Orange**

### 2P1: Credential, Certificate, or Diploma

Student attainment of an industry-recognized credential, certificate, or degree.

Numerator: Number of <u>CTE concentrators</u> who received an industry-recognized credential, certificate, or degree during the reporting year.

Denominator: Number of <u>CTE concentrators</u> who left postsecondary education during the reporting year.

Actual Institutional Performance Compared to State Targets by Program Year													
201	13-2014		20	14-2015		201	15-2016		2016-2017				
Actual [1]	Target	90%	Actual [2]	Target	90%	Actual [3]	Target	90%	Target	90%			
30.69% 22514 / 73351	33.50%	30.15%	32.28% 23193 / 71860	34.00%	30.60%	31.75% 28411 / 89487	32.00%	28.80%	32.00%	28.80%			
36.04% 182 / 505	+2.54%	+5.89%	40.00% 202 / 505	+6.00%	+9.40%	32.90% 202 / 614	+0.90%	+4.10%					
	Actual [1]  30.69% 22514 / 73351 36.04%	2013-2014  Actual [1] Target  30.69% 22514 / 73351 33.50%  36.04% +2.54%	2013-2014  Actual [1] Target 90%  30.69% 22514 / 73351 33.50% 30.15%  36.04% +2.54% +5.89%	2013-2014 201  Actual [1] Target 90% Actual [2]  30.69% 22514 / 73351 33.50% 30.15% 32.28% 23193 / 71860  36.04% +2.54% +5.89% 40.00%	2013-2014 2014-2015  Actual [1] Target 90% Actual [2] Target  30.69% 22514 / 73351 33.50% 30.15% 32.28% 23193 / 71860 34.00%  36.04% +2.54% +5.89% 40.00% +6.00%	2013-2014         2014-2015           Actual [1]         Target         90%         Actual [2]         Target         90%           30.69% 22514 / 73351         33.50%         30.15%         32.28% 23193 / 71860         34.00%         30.60%           36.04%         +2.54% +2.54%         +5.89% +2.89%         40.00% 40.00%         +6.00% +6.00% +9.40%	2013-2014         2014-2015         2014-2015           Actual [1]         Target         90%         Actual [2]         Target         90%         Actual [3]           30.69% 22514 / 73351         33.50%         30.15%         32.28% 23193 / 71860         34.00%         30.60%         31.75% 28411 / 89487           36.04%         +2.54% +2.54%         +5.89% +5.89%         40.00% 40.00%         +6.00% +6.00% +9.40%         32.90% 32.90%	2013-2014         2014-2015         2015-2016           Actual [1]         Target         90%         Actual [2]         Target         90%         Actual [3]         Target           30.69% 22514 / 73351         33.50%         30.15%         32.28% 23193 / 71860         34.00%         30.60%         31.75% 28411 / 89487         32.00%           36.04%         +2.54%         +5.89%         40.00%         +9.40%         32.90%         +0.90%	2013-2014         2014-2015         2015-2016           Actual [1]         Target         90%         Actual [2]         Target         90%         Actual [3]         Target         90%           30.69% 22514 / 73351         33.50%         30.15%         32.28% 23193 / 71860         34.00%         30.60%         31.75% 28411 / 89487         32.00%         28.80%           36.04%         +2.54%         +5.89%         40.00%         +6.00%         +9.40%         32.90%         +0.90%         +4.10%	2013-2014  2014-2015  2015-2016  2016  Actual [1] Target 90% Actual [2] Target 90% Actual [3] Target 90% Target  30.69% 22514 / 73351  33.50% 30.15% 32.28% 23193 / 71860  34.00% 30.60% 31.75% 28411 / 89487  32.00% 28.80% 32.00%  36.04% +2.54% +5.89% 40.00% +6.00% +9.40% 32.90% +0.90% +4.10%			

Source: CBM001, CBM002, CBM009, CBM00M Reporting Year: [1] 2012-2013, [2] 2013-2014, [3] 2014-2015

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### Texas Higher Education Coordinating Board Perkins Data Resources for 2016-2017 District Measure - Perkins Core Indicator 3P1: Student Retention or Transfer

#### **Lamar State College - Orange**

#### 3P1: Student Retention or Transfer

Student retention in postsecondary education or transfer to a baccalaureate degree program.

Numerator: Number of <u>CTE concentrators</u> who remained enrolled in their original postsecondary institution or transferred to another 2- or 4-year postsecondary institution during the reporting year and

who were enrolled in postsecondary education in the fall of the previous reporting year.

Denominator: Number of CTE concentrators who were enrolled in postsecondary education in the fall of the previous reporting year and who did not earn an industry-recognized credential, a certificate, or

a degree in the previous reporting year.

Actual Institutional Performance Compared to State Targets by Program Year												
201	3-2014		201	14-2015		201	5-2016		2016-2017			
Actual [1]	Target	90%	Actual [2]	Target	90%	Actual [3]	Target	90%	Target	90%		
62.20% 108880 / 175041	69.00%	62.10%	64.20% 108143 / 168434	69.00%	62.10%	61.78% 98732 / 159808	63.00%	56.70%	63.00%	56.70%		
65.19% 734 / 1126	-3.81%	+3.09%	63.11% 674 / 1068	-5.89%	+1.01%	61.28% 652 / 1064	-1.72%	+4.58%				
	Actual [1] 62.20% 108880 / 175041 65.19%	2013-2014  Actual [1] Target  62.20% 108880 / 175041  65.19%  -3.81%	2013-2014  Actual [1] Target 90%  62.20% 108880 / 175041 69.00% 62.10%  65.19% 3.81% +3.09%	2013-2014 207  Actual [1] Target 90% Actual [2]  62.20% 69.00% 62.10% 64.20% 108143 / 168434  65.19% 3.81% +3.00% 63.11%	2013-2014 2014-2015  Actual [1] Target 90% Actual [2] Target  62.20% 69.00% 62.10% 64.20% 108143 / 168434 69.00%  65.19% 3.81% +3.09% 63.11% 5.89%	2013-2014         2014-2015           Actual [1]         Target         90%         Actual [2]         Target         90%           62.20% 108880 / 175041         69.00%         62.10%         64.20% 108143 / 168434         69.00%         62.10%           65.19%         -3.81% -3.81%         +3.00% +3.00%         63.11% -5.80% -1.01%         -5.80% -1.01%	2013-2014         2014-2015         2014           Actual [1]         Target         90%         Actual [2]         Target         90%         Actual [3]           62.20% 108880 / 175041         69.00%         62.10%         64.20% 108143 / 168434         69.00%         62.10%         61.78% 98732 / 159808           65.19%         3.81% 3.81%         +3.00% 43.00%         63.11% 63.11%         5.80% 41.01%         +1.01% 61.28%	2013-2014         2014-2015         2015-2016           Actual [1]         Target         90%         Actual [2]         Target         90%         Actual [3]         Target           62.20% 108880 / 175041         69.00%         62.10%         64.20% 108143 / 168434         69.00%         62.10%         61.78% 98732 / 159808         63.00%           65.19%         -3.81% -3.81%         +3.09% +3.09%         63.11% -5.80% -1.72%         -1.72% -1.72%	2013-2014       2014-2015       2015-2016         Actual [1]       Target       90%       Actual [2]       Target       90%       Actual [3]       Target       90%         62.20% 108880 / 175041       69.00%       62.10%       64.20% 108143 / 168434       69.00%       62.10%       61.78% 98732 / 159808       63.00%       56.70%         65.19%       3.81%       +3.09%       63.11%       5.89%       +1.01%       61.28%       -1.72%       +4.58%	2013-2014  2014-2015  2015-2016  2016  Actual [1] Target 90% Actual [2] Target 90% Actual [3] Target 90% Target  62.20% 108880 / 175041  69.00% 62.10% 64.20% 108143 / 168434  69.00% 62.10% 61.78% 98732 / 159808  63.00% 63.00%  65.19% 3.81% +3.09% 63.11% 5.89% +1.01% 61.28% 1.72% +4.58%		

Source: CBM001, CBM002, CBM009 Reporting Year: [1] 2012-2013, [2] 2013-2014, [3] 2014-2015

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### Texas Higher Education Coordinating Board Perkins Data Resources for 2016-2017 District Measure - Perkins Core Indicator 4P1: Student Placement

#### **Lamar State College - Orange**

#### **4P1: Student Placement**

Student placement in military service or apprenticeship programs or placement or retention in employment, including placement in high skill, high wage or high demand occupations or professions.

Numerator: Number of CTE concentrators who were placed or retained in employment, or placed in military service or apprenticeship programs in the 2nd quarter following the program year in which

they left postsecondary education (i.e., unduplicated placement status for CTE concentrators who graduated by June 30, 2008 would be assessed between October 1, 2008 and December

31, 2008).

Denominator: Number of CTE concentrators who left postsecondary education during the reporting year.

Actual Institutional Performance Compared to State Targets by Program Year														
	2012-2013				2013-2014			2014-2015			2015-2016		2016-2017	
Institution	Actual [1]	Target	90%	Actual [2]	Target	90%	Actual [3]	Target	90%	Target [4]	90%	Target	90%	
State Performance/Target	73.89% 53682 / 72653	80.00%	72.00%	74.27% 54479 / 73351	80.50%	72.45%	75.58% 54310 / 71860	76.00%	68.40%	76.00%	68.40%	76.00%	68.40%	
Lamar State College - Orange	61.31% 355 / 579	-18.69%	-10.69%	65.54% 331 / 505	-14.96%	-6.91%	66.93% 338 / 505	-9.07%	-1.47%					

Source: CBM001, CBM002, UI Wage Records, CB116 Reporting Year: [1] 2011-2012, [2] 2012-2013, [3] 2013-2014, [4] Since 2014-2015 data is not yet available, 2014-2015 State Target will be used for initial PIP evaluation.

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### Texas Higher Education Coordinating Board Perkins Data Resources for 2016-2017 District Measure - Perkins Core Indicator 5P1: Nontraditional Participation

**Lamar State College - Orange** 

### **5P1: Nontraditional Participation**

Student participation in CTE programs in nontraditional fields.

Numerator: Number of <u>CTE participants</u> from underrepresented gender groups who participated in a program that leads to employment in nontraditional fields during the reporting year.

Denominator: Number of CTE participants who participated in a program that leads to employment in nontraditional fields during the reporting year.

Actual Institutional Performance Compared to State Targets by Program Year													
	201	13-2014		201	14-2015		201	15-2016		2016-2017			
Institution	Actual [1]	Actual [1] Target 90% Actual [2] Target 90% Actual [3] Target 90%									90%		
State Performance/Target	22.54% 48234 / 213993	23.20%	20.88%	22.84% 46696 / 204422	24.00%	21.60%	23.08% 45121 / 195480	24.00%	21.60%	24.00%	21.60%		
Lamar State College - Orange	14.29% 236 / 1651	-8.91%	-6.59%	14.62% 228 / 1559	-9.38%	-6.98%	14.04% 207 / 1474	-9.96%	-7.56%				
Source: CRM001_CRM002_ Reporting Year: [1] 2012-2013_[2] 2013-2014_[3] 2014-2015													

Source: CBM001, CBM002 Reporting Year: [1] 2012-2013, [2] 2013-2014, [3] 2014-2015

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### Texas Higher Education Coordinating Board Perkins Data Resources for 2016-2017 District Measure - Perkins Core Indicator 5P2: Nontraditional Completion

### Lamar State College - Orange

#### **5P2: Nontraditional Completion**

Student completion of CTE programs in nontraditional fields.

Numerator: Number of CTE concentrators from underrepresented gender groups who completed a program that leads to employment in nontraditional fields during the reporting year.

Denominator: Number of CTE concentrators who completed a program that leads to employment in nontraditional fields during the reporting year.

Actual Institutional Performance Compared to State Targets by Program Year													
	201	13-2014		20	14-2015		20	15-2016		2016-2017			
Institution	Actual [1]	Target	90%	Actual [2]	Target	90%	Actual [3]	Target	90%	Target	90%		
State Performance/Target	17.28% 5264 / 30463	17.60%	15.84%	18.51% 5822 / 31460	18.00%	16.20%	18.30% 6044 / 33033	18.00%	16.20%	18.00%	16.20%		
Lamar State College - Orange	14.94% 46 / 308	-2.66%	-0.90%	13.03% 40 / 307	-4.97%	-3.17%	14.43% 43 / 298	-3.57%	-1.77%				

Source: CBM001, CBM002, CBM009, CBM00M Reporting Year: [1] 2012-2013, [2] 2013-2014, [3] 2014-2015

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#### **Texas Higher Education Coordinating Board** Perkins Data Resources for 2016-2017 **District Measure - Quantitative Measure Q1: Annual Enrollment**

### Lamar State College - Orange

#### Q1: Annual Enrollment

Measure: Workforce education and overall college enrollment by gender, ethnicity and special populations
Purpose: To evaluate access of student populations by comparing workforce education enrollment to overall college

enrollment.

Annual Enro	Ilment and Prop	ortions by Type	and Category b	y Reporting Ye	ar [1]			
		2013	-2014			2014-	-2015	
Category	Coll	%	WE	%	Coll	%	WE	%
Total - Lamar State College - Orange	3438		1626		3583		1595	
Male	1158	34%	399	25%	1359	38%	427	27%
Female	2280	66%	1227	75%	2224	62%	1168	73%
White	2418	70%	1097	67%	2362	66%	1056	66%
African-American	544	16%	391	24%	584	16%	399	25%
Hispanic	174	5%	84	5%	189	5%	89	6%
Asian	69	2%	27	2%	67	2%	23	1%
Native-American	14	<1%	7	<1%	12	<1%	6	<1%
International	0	0%	0	0%	0	0%	0	0%
Unknown	219	6%	20	1%	369	10%	22	1%
Individuals with Disabilities	0	0%	0	0%	0	0%	0	0%
Economically Disadvantaged	1133	33%	784	48%	1092	30%	744	47%
Single Parents	213	6%	162	10%	333	9%	250	16%
Displaced Homemakers	1	<1%	1	<1%	2	<1%	2	<1%
Limited English Proficiency	9	<1%	9	1%	8	<1%	5	<1%
[1] Source: CBM001, CBM00A								

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#### **Texas Higher Education Coordinating Board** Perkins Data Resources for 2016-2017 Program Measure - Perkins Core Indicator 5P1: Nontraditional Participation

### **Lamar State College - Orange**

### **5P1: Nontraditional Participation**

Student participation in CTE programs in nontraditional fields.

Numerator: Number of <u>CTE participants</u> from underrepresented gender groups who participated in a program that leads to employment in nontraditional fields during the reporting year. Denominator: Number of <u>CTE participants</u> who participated in a program that leads to employment in nontraditional fields during the reporting year.

State Targets by Program Year										
	2013	-2014	2014	-2015	2015-	-2016	2016-2017			
	Target	90%	Target	90%	Target	90%	Target	90%		
State Target 23.20% 20.88% 24.00% 21.60% 24.00% 21.60% 24.00% 21.60%										

	Nontrad		Institution		S	tatewide Summai	у
Program	Gender	2012-2013	2013-2014	2014-2015	2012-2013	2013-2014	2014-2015
11010000-Computer and Information Sciences, General	Female	24.00% 6 / 25	18.75% 3 / 16	25.00% 5 / 20	21.23% 1244 / 5861	21.09% 1248 / 5918	19.47% 1195 / 6138
15040000-Electromechanical and Instrumentation and Maintenance Techno	Female	15.38% 4 / 26	16.13% 5 / 31	9.09% 3 / 33	10.47% 206 / 1968	10.30% 224 / 2175	10.88% 258 / 2372
24010000-Liberal Arts and Sciences, General Studies and Humanities	N/A						
41030000-Physical Science Technologies/Technicians	Female	19.49% 38 / 195	20.65% 51 / 247	22.22% 70 / 315	16.43% 726 / 4418	16.92% 848 / 5013	17.36% 957 / 5512
43010000-Criminal Justice and Corrections	Female	60.00% 15 / 25	66.67% 12 / 18	83.33% 5 / 6	46.36% 5961 / 12859	46.27% 5602 / 12108	45.80% 5158 / 11262
48050000-Precision Metal Working	Female	N/A	N/A	N/A	5.19% 329 / 6339	5.11% 354 / 6930	6.39% 483 / 7559
51060000-Dental Support Services and Allied Professions	Male	4.44% 2 / 45	4.55% 2 / 44	8.16% 4 / 49	9.00% 301 / 3344	8.34% 260 / 3119	7.64% 239 / 3129
51070000-Health and Medical Administrative Services	Male	1.82% 2 / 110	3.90% 3 / 77	0.00% 0 / 73	16.36% 1326 / 8106	15.97% 1143 / 7158	14.65% 819 / 5589
51080500-Pharmacy Technician/Assistant	Male	15.79% 3 / 19	4.00% 1 / 25	5.26% 1 / 19	25.38% 366 / 1442	24.73% 324 / 1310	22.53% 251 / 1114
51080600-Physical Therapist Technician/Assistant	Male	N/A	N/A	N/A	33.72% 1323 / 3924	33.69% 1221 / 3624	33.66% 1052 / 3125
51090400-Emergency Medical Technology/Technician (EMT Paramedic)	N/A						
51350000-Somatic Bodywork and Related Therapeutic Services	Male	N/A	N/A	N/A	28.85% 15 / 52	18.03% 11 / 61	11.11% 11 / 99

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### **Texas Higher Education Coordinating Board** Perkins Data Resources for 2016-2017 Program Measure - Perkins Core Indicator 5P1: Nontraditional Participation

**Lamar State College - Orange** 

### **5P1: Nontraditional Participation**

Student participation in CTE programs in nontraditional fields.

Numerator: Number of <u>CTE participants</u> from underrepresented gender groups who participated in a program that leads to employment in nontraditional fields during the reporting year.

Number of <u>CTE participants</u> who participated in a program that leads to employment in nontraditional fields during the reporting year.

State Targets by Program Year										
	2013	-2014	2014	-2015	2015	-2016	2016-2017			
	Target	90%	Target	90%	Target	90%	Target	90%		
State Target 23.20% 20.88% 24.00% 21.60% 24.00% 21.60% 24.00% 21.60%										

Percentage of Underrepresented CTE Participants in Nontraditional Programs by Reporting Year [1]											
	Nontrad		Institution		Statewide Summary						
Program	Gender	2012-2013	2013-2014	2014-2015	2012-2013	2013-2014	2014-2015				
51380000-Registered Nursing, Nursing Administration, Nursing Research	Male	9.60% 38 / 396	8.06% 27 / 335	6.70% 24 / 358	14.48% 7009 / 48399	14.78% 6567 / 44440	14.75% 5776 / 39171				
51390000-Practical Nursing, Vocational Nursing and Nursing Assistants	Male	9.68% 70 / 723	10.17% 70 / 688	9.17% 50 / 545	11.43% 1196 / 10466	11.31% 1035 / 9154	11.19% 958 / 8558				
52020000-Business Administration, Management and Operations	Female	66.67% 58 / 87	69.23% 54 / 78	80.36% 45 / 56	54.40% 11627 / 21374	54.73% 12621 / 23061	55.44% 13253 / 23906				
52040000-Business Operations Support and Assistant Services	Male	N/A	N/A	N/A	17.64% 1096 / 6214	15.37% 782 / 5087	15.02% 688 / 4582				
[1] Source: CBM001, CBM002											

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#### **Texas Higher Education Coordinating Board** Perkins Data Resources for 2016-2017 **Program Measure - Perkins Core Indicator 5P2: Nontraditional Completion**

**Lamar State College - Orange** 

### **5P2: Nontraditional Completion**

Student completion of CTE programs in nontraditional fields.

Numerator: Number of <u>CTE concentrators</u> from underrepresented gender groups who completed a program that leads to employment in nontraditional fields during the reporting year.

Number of <u>CTE concentrators</u> who completed a program that leads to employment in nontraditional fields during the reporting year.

State Targets by Program Year										
	2013	-2014	2014	-2015	2015	-2016	2016-2017			
	Target	90%	Target	90%	Target	90%	Target	90%		
State Target 17.60% 15.84% 18.00% 16.20% 18.00% 16.20% 18.00% 16.20%										

	Nontrad		Institution		S	tatewide Summa	ry
Program	Gender	2012-2013	2013-2014	2014-2015	2012-2013	2013-2014	2014-2015
11010000-Computer and Information Sciences, General	Female	16.67% 1 / 6	0.00% 0 / 4	25.00% 1 / 4	37.16% 395 / 1063	39.36% 481 / 1222	38.26% 489 / 1278
15040000-Electromechanical and Instrumentation and Maintenance Techno	Female	0.00% 0 / 3	16.67% 1 / 6	25.00% 1 / 4	12.93% 53 / 410	10.57% 46 / 435	7.51% 35 / 466
24010000-Liberal Arts and Sciences, General Studies and Humanities	N/A						
41030000-Physical Science Technologies/Technicians	Female	16.00% 4 / 25	19.05% 8 / 42	20.34% 12 / 59	14.02% 98 / 699	19.87% 156 / 785	16.24% 159 / 979
43010000-Criminal Justice and Corrections	Female	80.00% 4 / 5	75.00% 3 / 4	100.00% 4 / 4	37.84% 439 / 1160	42.17% 520 / 1233	42.95% 554 / 1290
48050000-Precision Metal Working	Female	N/A	N/A	N/A	4.45% 75 / 1684	4.50% 86 / 1911	5.97% 148 / 2478
51060000-Dental Support Services and Allied Professions	Male	3.57% 1 / 28	7.41% 2 / 27	7.14% 2 / 28	4.50% 24 / 533	4.71% 28 / 595	5.93% 30 / 506
51070000-Health and Medical Administrative Services	Male	3.23% 1 / 31	0.00% 0 / 23	0.00% 0 / 20	6.79% 56 / 825	7.73% 56 / 724	7.92% 50 / 631
51080500-Pharmacy Technician/Assistant	Male	33.33% 3 / 9	10.00% 1 / 10	0.00% 0 / 9	19.14% 58 / 303	18.06% 54 / 299	13.85% 41 / 296
51080600-Physical Therapist Technician/Assistant	Male	N/A	N/A	N/A	33.86% 107 / 316	28.65% 98 / 342	33.43% 110 / 329
51090400-Emergency Medical Technology/Technician (EMT Paramedic)	N/A						
51350000-Somatic Bodywork and Related Therapeutic Services	Male	N/A	N/A	N/A	23.71% 23 / 97	17.39% 8 / 46	12.16% 9 / 74

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#### **Texas Higher Education Coordinating Board** Perkins Data Resources for 2016-2017 **Program Measure - Perkins Core Indicator 5P2: Nontraditional Completion**

**Lamar State College - Orange** 

### **5P2: Nontraditional Completion**

Student completion of CTE programs in nontraditional fields.

Numerator: Number of <u>CTE concentrators</u> from underrepresented gender groups who completed a program that leads to employment in nontraditional fields during the reporting year.

Number of <u>CTE concentrators</u> who completed a program that leads to employment in nontraditional fields during the reporting year.

		State Ta	argets by Program	n Year				
	2013	-2014	2014	-2015	2015	-2016	2016	-2017
	Target	90%	Target	90%	Target	90%	Target	90%
State Target	17.60%	15.84%	18.00%	16.20%	18.00%	16.20%	18.00%	16.20%

	Nontrad		Institution		s	tatewide Summar	у
Program	Gender	2012-2013	2013-2014	2014-2015	2012-2013	2013-2014	2014-2015
51380000-Registered Nursing, Nursing Administration, Nursing Research	Male	19.05% 12 / 63	12.00% 6 / 50	0.00% 0 / 25	15.24% 792 / 5197	15.47% 843 / 5451	14.32% 713 / 4978
51390000-Practical Nursing, Vocational Nursing and Nursing Assistants	Male	8.66% 11 / 127	6.92% 9 / 130	8.53% 11 / 129	11.00% 355 / 3228	10.49% 306 / 2918	10.08% 284 / 2817
52020000-Business Administration, Management and Operations	Female	80.00% 8 / 10	90.91% 10 / 11	85.71% 12 / 14	67.42% 801 / 1188	67.15% 1020 / 1519	65.17% 1147 / 1760
52040000-Business Operations Support and Assistant Services	Male	N/A	N/A	N/A	5.85% 46 / 786	6.44% 44 / 683	6.70% 48 / 716

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Programs Leading to Employment in Nontraditional Fields for Males [1]		
CIP Code - Program Title	Career Cluster	
00303-Prepress/Desktop Publishing & Digital Imaging Design	3-Arts, A/V Technology & Communication	
10601-Data Entry/Microcomputer Applications	4-Business & Administration	
10602-Word Processing	4-Business & Administration	
20401-Cosmetology/Cosmetologist, General	14-Marketing, Sales, and Services	
20404-Electrolysis/Electrology & Electrolysis Technician	14-Marketing, Sales, and Services	
20406-Make-Up Artist/Specialist	14-Marketing, Sales, and Services	
20407-Hair Styling/Stylist & Hair Design	14-Marketing, Sales, and Services	
20408-Facial Treatment Specialist/Facialist	14-Marketing, Sales, and Services	
20410-Nail Technician/Specialist & Manicurist	14-Marketing, Sales, and Services	
20411-Permanent Cosmetics/Makeup & Tattooing	14-Marketing, Sales, and Services	
20412-Salon/Beauty Salon Management/Manager	14-Marketing, Sales, and Services	
20413-Cosmetology, Barber/Styling, & Nail Instructor	14-Marketing, Sales, and Services	
20499-Cosmetology & Related Personal Grooming Arts, Other	14-Marketing, Sales, and Services	
20507-Food Service, Waiter/Waitress, & Dining Room Management/Manager	9-Hospitality & Tourism	
31001-Special Education, General	5-Education & Training	
31202-Elementary Education & Teaching	5-Education & Training	
31203-Junior High/Intermediate/Middle School Education & Teaching	5-Education & Training	
31209-Kindergarten/Preschool Education & Teaching	5-Education & Training	
31210-Early Childhood Education & Teaching	5-Education & Training	
131334-School Librarian/School Library Media Specialist	3-Arts, A/V Technology & Communication	
131501-Teacher Assistant/Aide	5-Education & Training	
31599-Teaching Assistant/Aides, Other	5-Education & Training	
190501-Foods, Nutrition, & Wellness Studies, General	8-Health Science	
90504-Human Nutrition	8-Health Science	
90505-Foodservice Systems Administration/Management	8-Health Science	
190599-Foods, Nutrition, & Related Services, Other	8-Health Science	
90708-Child Care & Support Services Management	5-Education & Training	
90709-Child Care Provider/Assistant	10-Human Services	
20301-Legal Administrative Assistant/Secretary	4-Business & Administration	
20302-Legal Assistant/Paralegal	12-Law & Public Safety	
20303-Court Reporting/Court Reporter	12-Law & Public Safety	
250101-Library Science/Librarianship	3-Arts, A/V Technology & Communication	
250301-Library Assistant	5-Education & Training	
3030 I-Library Assistant	o Ladodion a maning	

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CID Code Drogram Title	Career Cluster
CIP Code - Program Title	
259999-Library Science, Other	3-Arts, A/V Technology & Communicatio
301901-Nutrition Sciences	8-Health Science
430110-Juvenile Corrections	10-Human Services
440201-Community Organization & Advocacy	10-Human Services
440701-Social Work	10-Human Services
440702-Youth Services/Administration	10-Human Services
450401-Criminology	10-Human Services
450501-Demography & Population Studies	10-Human Services
451101-Sociology	10-Human Services
451201-Urban Studies/Affairs	10-Human Services
510201-Communication Disorders, General	8-Health Science
510202-Audiology/Audiologist & Hearing Sciences	8-Health Science
510203-Speech-Language Pathology/Pathologist	8-Health Science
510204-Audiology/Audiologist & Speech-Language Pathology/Pathologist	8-Health Science
510299-Communication Disorders Sciences & Services, Other	8-Health Science
510601-Dental Assisting/Assistant	8-Health Science
510602-Dental Hygiene/Hygienist	8-Health Science
510703-Health Unit Coordinator/Ward Clerk	4-Business & Administration
510707-Health Information/Medical Records Technology/Technician	8-Health Science
510710-Medical Office Assistant/ Specialist	4-Business & Administration
510712-Medical Reception/Receptionist	8-Health Science
510712-Medical Reception/Receptionist	9-Hospitality & Tourism
510713-Medical Insurance Coding Specialist/Coder	8-Health Science
510714-Medical Insurance Specialist/Medical Biller	4-Business & Administration
510716-Medical Administrative/Executive Assistant & Medical Secretary	4-Business & Administration
510716-Medical Administrative/Executive Assistant & Medical Secretary	8-Health Science
510801-Medical/Clinical Assistant	8-Health Science
510802-Clinical/Medical Laboratory Technician/Assistant (Certificate)	8-Health Science
510803-Occupational Therapy Assistant	8-Health Science
510805-Pharmacy Technician	8-Health Science
510806-Physical Therapy Assistant	8-Health Science
510808-Veterinary/Animal Health Technology/Technician & Veterinary Assistant	8-Health Science
510809-Anesthesiologist Assistant	8-Health Science

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Programs Leading to Employment in	Nontraditional Fields for Males [1]
CIP Code - Program Title	Career Cluster
510811-Pathology/Pathologist Assistant	8-Health Science
510812-Respiratory Therapy Technician	8-Health Science
510813-Chiropractic Assistant/Technician	8-Health Science
510899-Health asnd Medical Assisting Services, Other	8-Health Science
510907-Medical Radiologic Technology/Science Radiation Therapist	8-Health Science
510909-Surgical Technology/Technologist	8-Health Science
511001-Blood Bank Technology Specialist	8-Health Science
511002-Cytotechnology/Cytotechnologist	8-Health Science
511003-Hematology Technology/Technician	8-Health Science
511004-Clinical/Medical Laboratory Technician	8-Health Science
511005-Clinical Laboratory Science/Medical Technology/Technologist	8-Health Science
511007-Histologic Technology/Histotechnologist	8-Health Science
511008-Histologic Technician	8-Health Science
511099-Clinical/Medical Laboratory Science & Allied Professions, Other	8-Health Science
511502-Psychiatric/Mental Health Services Technician	8-Health Science
511503-Clinical/Medical Social Work	10-Human Services
511802-Optometric Technician/Assistant	8-Health Science
511803-Ophthalmic Technician/Technologist	8-Health Science
511804-Orthoptics/Orthoptist	8-Health Science
512306-Occupational Therapy/Therapist	8-Health Science
512309-Therapeutic Recreation/Recreational Therapy	8-Health Science
512601-Health Aide	8-Health Science
512602-Home Health Aide/Home Attendant	8-Health Science
513101-Dietetics/Dietician (RD)	8-Health Science
513102-Clinical Nutrition/Nutritionist (NR)	8-Health Science
513103-Dietetic Technician (DTR)	8-Health Science
513104-Dietetian Assistant	8-Health Science
513199-Dietetic and Clinical Nutrition Services, Other	8-Health Science
513501-Massage Therapy/Therapeutic Massage	8-Health Science
513502-Asian Bodywork Therapy	8-Health Science
513503-Somatic Bodywork	8-Health Science
513599-Somatic Bodywork and Related Theraputic Services, Other	8-Health Science
513801-Nursing - Registered Nurse Training (RN, ASN, BSN, MSN)	8-Health Science

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Programs Leading to Employment in No	••
CIP Code - Program Title	Career Cluster
513803-Adult Health Nurse/Nursing	8-Health Science
513804-Nurse Anesthetist	8-Health Science
513805-Family Practice Nurse/Nurse Practitioner	8-Health Science
513806-Maternal/Child Health Nurse/Nursing	8-Health Science
513807-Nurse Midwife/Nursing Midwifery	8-Health Science
513808-Nursing Science (MS, PhD)	8-Health Science
513809-Pediatric Nurse/Nursing	8-Health Science
513810-Psychiatric/Mental Health Nurse/Nursing	8-Health Science
513811-Public Health/Community Nurse/Nursing	8-Health Science
513812-Perioperative/Operating Room and Surgical Nurse/Nursing	8-Health Science
513813-Nursing Clinical Specialist	8-Health Science
513814-Critical Care Nursing	8-Health Science
513815-Occupational and Environmental Health Nursing	8-Health Science
513818-Nursing, Other	8-Health Science
513901-Licensed Practical Nurse Training (LPN, Cert, Dipl, AAS)	8-Health Science
513902-Nurse/Nursing Assistant/Aide	8-Health Science
520302-Accounting Technology/Technician & Bookkeeping	6-Finance
520302-Accounting Technology/Technician & Bookkeeping	9-Hospitality & Tourism
520399-Accounting & Related Services, Other	6-Finance
520401-Administrative Assistant & Secretarial Science, General	4-Business & Administration
520402-Executive Assistant/Executive Secretary	4-Business & Administration
520406-Receptionist	3-Arts, A/V Technology & Communication
520406-Receptionist	4-Business & Administration
520406-Receptionist	9-Hospitality & Tourism
520407-Business/Office Automation/Technology/Data Entry	4-Business & Administration
520408-General Office Occupations & Clerical Services	4-Business & Administration
520408-General Office Occupations & Clerical Services	6-Finance
520408-General Office Occupations & Clerical Services	7-Government & Public Administration
520408-General Office Occupations & Clerical Services	9-Hospitality & Tourism
520411-Customer Service Support/Call Center/Teleservice Operation	3-Arts, A/V Technology & Communication
520499-Business Operations Support & Secretarial Services, Other	4-Business & Administration
520803-Banking & Financial Support Services	6-Finance
521803-Retailing & Retail Operations	14-Marketing, Sales, and Services

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Programs Leading to Employment in Nontraditional Fields for Males [1]	
CIP Code - Program Title	Career Cluster
521903-Fashion Modeling	14-Marketing, Sales, and Services
521905-Tourism and Travel Services Marketing Operations	14-Hospitality and Tourism
[1] Source: 2006 BLS Data	

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CIP Code - Program Title	Career Cluster
010000-Agriculture, General	1-Agriculture/Natural Resource
010101-Agricultural Business & Management, General	1-Agriculture/Natural Resource
010102-Agribusiness/Agricultural Business Operations	1-Agriculture/Natural Resource
010104-Farm/Farm & Ranch Management	1-Agriculture/Natural Resource
010105-Agricultural/Farm Supplies Retailing & Wholesaling	1-Agriculture/Natural Resource
010199-Agricultural Business & Management, Other	1-Agriculture/Natural Resource
010201-Agricultural Mechanization, General	16-Transportation, Distribution, & Logistics
010204-Agricultural Power Machinery Operation	1-Agriculture/Natural Resource
010204-Agricultural Power Machinery Operation	16-Transportation, Distribution, & Logistics
010205-Agricultural Mechanics & Equipment/Machine Technology	16-Transportation, Distribution, & Logistics
010299-Agricultural Mechanization, Other	16-Transportation, Distribution, & Logistics
010301-Agricultural Production Operations, General	1-Agriculture/Natural Resource
010302-Animal/Livestock Husbandry & Production	1-Agriculture/Natural Resource
010303-Aquaculture	1-Agriculture/Natural Resource
010304-Crop Production	1-Agriculture/Natural Resource
010306-Dairy Husbandry & Production	1-Agriculture/Natural Resource
010307-Horse Husbandry/Equine Science & Management	1-Agriculture/Natural Resource
010399-Agricultural Production Operations, Other	1-Agriculture/Natural Resource
010401-Agricultural & Food Products Processing, General	13-Manufacturing
010601-Applied Horticulture/Horticultural Operations, General	1-Agriculture/Natural Resource
010603-Ornamental Horticulture	1-Agriculture/Natural Resource
010604-Greenhouse Operations & Management	1-Agriculture/Natural Resource
010605-Landscaping & Groundskeeping	1-Agriculture/Natural Resource
010606-Plant Nursery Operations & Management	1-Agriculture/Natural Resource
010607-Turf & Turfgrass Management	1-Agriculture/Natural Resource
010699-Horticultural Service Operations, Other	1-Agriculture/Natural Resource
010701-International Agriculture	1-Agriculture/Natural Resource
010802-Agricultural Communications/Journalism	3-Arts, A/V Technology & Communication
010901-Animal Sciences, General	1-Agriculture/Natural Resource
010902-Agricultural Animal Breeding	1-Agriculture/Natural Resource
010903-Animal Health	1-Agriculture/Natural Resource
010904-Animal Nutrition	1-Agriculture/Natural Resource
010905-Dairy Science	1-Agriculture/Natural Resource

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CID Code Browner Title	0
CIP Code - Program Title	Career Cluster
010906-Livestock Management	1-Agriculture/Natural Resource
010907-Poultry Science	1-Agriculture/Natural Resource
010999-Animal Sciences, Other	1-Agriculture/Natural Resource
011001-Food Science	1-Agriculture/Natural Resource
011002-Food Technology & Processing	1-Agriculture/Natural Resource
011101-Plant Sciences, General	1-Agriculture/Natural Resource
011102-Agronomy & Crop Science	1-Agriculture/Natural Resource
011103-Horticultural Science	1-Agriculture/Natural Resource
011104-Agricultural & Horticultural Plant Breeding	1-Agriculture/Natural Resource
011105-Plant Protection & Integrated Pest Management	1-Agriculture/Natural Resource
011106-Range Science & Management	1-Agriculture/Natural Resource
011199-Plant Sciences, Other	1-Agriculture/Natural Resource
011201-Soil Science & Agronomy, General	1-Agriculture/Natural Resource
11202-Soil Chemistry & Physics	1-Agriculture/Natural Resource
11203-Soil Microbiology	1-Agriculture/Natural Resource
19999-Agriculture, Agricultural Operations, & Related Sciences, Other	1-Agriculture/Natural Resource
30101-Natural Resources/Conservation, General	1-Agriculture/Natural Resource
30103-Environmental Studies	15-Scientific Research/Engineering
030104-Environmental Science	15-Scientific Research/Engineering
30201-Natural Resources Management & Policy, General	1-Agriculture/Natural Resource
030204-Natural Resource Economics	12-Law & Public Safety
30205-Water, Wetlands, & Marine Resources Management	1-Agriculture/Natural Resource
030206-Land Use Planning & Management/Development	1-Agriculture/Natural Resource
030299-Natural Resources Management & Policy, Other	1-Agriculture/Natural Resource
030301-Fishing & Fisheries Sciences & Management	1-Agriculture/Natural Resource
030301-Fishing & Fisheries Sciences & Management	12-Law & Public Safety
030501-Forestry, General	1-Agriculture/Natural Resource
30502-Forest Sciences	1-Agriculture/Natural Resource
30506-Forest Management/ Forest Resources Management	1-Agriculture/Natural Resource
30508-Urban Forestry	1-Agriculture/Natural Resource
30509-Wood Science & Wood Products/Pulp & Paper Technology	1-Agriculture/Natural Resource
030510-Forest Resources Production & Management	1-Agriculture/Natural Resource
030599-Forestry, Other	1-Agriculture/Natural Resource

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CIP Code - Program Title	Career Cluster
030601-Wildlife & Wildlands Science & Management	1-Agriculture/Natural Resource
030601-Wildlife & Wildlands Science & Management	12-Law & Public Safety
039999-Natural Resources & Conservation, Other	1-Agriculture/Natural Resource
040201-Architecture (BArch, BA/BS, MArch, MA/MS, PhD)	15-Scientific Research/Engineering
040201-Architecture (BArch, BA/BS, MArch, MA/MS, PhD)	2-Architecture & Construction
040301-City/Urban, Community & Regional Planning	15-Scientific Research/Engineering
040401-Environmental Design/Architecture	15-Scientific Research/Engineering
040401-Environmental Design/Architecture	2-Architecture & Construction
040501-Interior Architecture	15-Scientific Research/Engineering
040601-Landscape Architecture (BS, BSLA, BLA, MSLA, MLA, PhD)	15-Scientific Research/Engineering
040801-Architectural History & Criticism	2-Architecture & Construction
040901-Architectural Technology/Technician	2-Architecture & Construction
049999-Architecture & Related Programs, Other	2-Architecture & Construction
90101-Radio and Television	3-Arts, A/V Technology & Communication
090402-Broadcast Journalism	3-Arts, A/V Technology & Communication
090404-Photojournalism	3-Arts, A/V Technology & Communication
090701-Radio & Television	3-Arts, A/V Technology & Communication
100105-Communications Technology/Technician	3-Arts, A/V Technology & Communication
100201-Photographic & Film/Video Technology/Technician & Assistant	3-Arts, A/V Technology & Communication
100202-Radio & Television Broadcasting Technology/Technician	3-Arts, A/V Technology & Communication
100203-Recording Arts Technology/Technician	3-Arts, A/V Technology & Communication
100299-Audiovisual Communications Technologies/Technicians, Other	3-Arts, A/V Technology & Communication
100302-Printing Management	3-Arts, A/V Technology & Communication
100305-Graphic & Printing Equipment Operator, General Production	3-Arts, A/V Technology & Communication
100307-Printing Press Operator	3-Arts, A/V Technology & Communication
100399-Graphic Communications, Other	3-Arts, A/V Technology & Communication
110101-Computer & Information Sciences, General	11-Information Technology
110102-Artificial Intelligence & Robotics	11-Information Technology
110103-Information Technology	11-Information Technology
10201-Computer Programming/Programmer, General	13-Manufacturing
110301-Data Processing & Data Processing Technology/Technician	13-Manufacturing
110401-Information Science/Studies	11-Information Technology
110501-Computer Systems Analysis/Analyst	11-Information Technology

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120302-Funeral Direction/Service 120303-Mortuary Science & Embalming/Embalmer 120402-Barbering/Barber 120500-Cooking & Related Culinary Arts, General 120503-Culinary Arts/Chef Training 120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	Career Cluster  11-Information Technology  14-Retail & Wholesale Sales & Service  8-Health Science  14-Retail & Wholesale Sales & Service  8-Health Science  14-Retail & Wholesale Sales & Service  9-Hospitality & Tourism  9-Hospitality & Tourism  9-Hospitality & Tourism  9-Hospitality & Tourism  15-Scientific Research/Engineering  15-Scientific Research/Engineering
In 10901-Computer Systems Networking & Telecommunications In 1001-System Administration/Administrator In 1002-System, Networking, & LAN/WAN Management/Manager In 1003-Computer & Information Systems Security In 19999-Computer & Information Sciences & Support Services, Other In 1003-Earlier & Mortuary Science, General In 1003-Earlier & Mortuary Science & Embalming/Embalmer In 1003-Earlier & Embal	11-Information Technology 11-Information Technology 11-Information Technology 11-Information Technology 11-Information Technology 11-Information Technology 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering
111001-System Administration/Administrator 111002-System, Networking, & LAN/WAN Management/Manager 111003-Computer & Information Systems Security 119999-Computer & Information Sciences & Support Services, Other 120301-Funeral Service & Mortuary Science, General 120301-Funeral Service & Mortuary Science, General 120302-Funeral Direction/Service 120303-Mortuary Science & Embalming/Embalmer 120402-Barbering/Barber 120500-Cooking & Related Culinary Arts, General 120503-Culinary Arts/Chef Training 120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140601-Ceramic Sciences & Engineering	11-Information Technology 11-Information Technology 11-Information Technology 11-Information Technology 11-Information Technology 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering
In 11002-System, Networking, & LAN/WAN Management/Manager In 11003-Computer & Information Systems Security In 1999-Computer & Information Sciences & Support Services, Other In 120301-Funeral Service & Mortuary Science, General In 120301-Funeral Service & Mortuary Science, General In 120302-Funeral Direction/Service In 120303-Mortuary Science & Embalming/Embalmer In 120402-Barbering/Barber In 120500-Cooking & Related Culinary Arts, General In 120503-Culinary Arts/Chef Training In 120505-Food Preparation/Professional Cooking/Kitchen Assistant In 120999-Personal & Culinary Services, Other In 140101-Engineering, General In 140201-Aerospace, Aeronautical & Astronautical Engineering In 140301-Agricultural/Biological Engineering & Bioengineering In 140501-Biomedical/Medical Engineering In 140501-Ceramic Sciences & Engineering In 140501-Chemical Engineering	11-Information Technology 11-Information Technology 11-Information Technology 11-Information Technology 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering
In 11003-Computer & Information Systems Security In 19999-Computer & Information Sciences & Support Services, Other In 120301-Funeral Service & Mortuary Science, General In 120301-Funeral Service & Mortuary Science, General In 120302-Funeral Direction/Service In 120303-Mortuary Science & Embalming/Embalmer In 120402-Barbering/Barber In 120500-Cooking & Related Culinary Arts, General In 120503-Culinary Arts/Chef Training In 120503-Culinary Arts/Chef Training In 120505-Food Preparation/Professional Cooking/Kitchen Assistant In 120999-Personal & Culinary Services, Other In 140101-Engineering, General In 140201-Aerospace, Aeronautical & Astronautical Engineering In 140301-Agricultural/Biological Engineering & Bioengineering In 140501-Biomedical/Medical Engineering In 140501-Biomedical/Medical Engineering In 140501-Ceramic Sciences & Engineering In 140501-Chemical Engineering	11-Information Technology 11-Information Technology 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
I 19999-Computer & Information Sciences & Support Services, Other I 20301-Funeral Service & Mortuary Science, General I 20301-Funeral Service & Mortuary Science, General I 20302-Funeral Direction/Service I 20303-Mortuary Science & Embalming/Embalmer I 20402-Barbering/Barber I 20500-Cooking & Related Culinary Arts, General I 20503-Culinary Arts/Chef Training I 20505-Food Preparation/Professional Cooking/Kitchen Assistant I 29999-Personal & Culinary Services, Other I 40101-Engineering, General I 40201-Aerospace, Aeronautical & Astronautical Engineering I 40301-Agricultural/Biological Engineering & Bioengineering I 40401-Architectural Engineering I 40501-Biomedical/Medical Engineering I 40601-Ceramic Sciences & Engineering I 40701-Chemical Engineering	11-Information Technology 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
120301-Funeral Service & Mortuary Science, General 120301-Funeral Service & Mortuary Science, General 120302-Funeral Direction/Service 120303-Mortuary Science & Embalming/Embalmer 120402-Barbering/Barber 120500-Cooking & Related Culinary Arts, General 120503-Culinary Arts/Chef Training 120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
20301-Funeral Service & Mortuary Science, General 120302-Funeral Direction/Service 120303-Mortuary Science & Embalming/Embalmer 120402-Barbering/Barber 120500-Cooking & Related Culinary Arts, General 120503-Culinary Arts/Chef Training 120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	8-Health Science 14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
120301-Funeral Service & Mortuary Science, General 120302-Funeral Direction/Service 120303-Mortuary Science & Embalming/Embalmer 120402-Barbering/Barber 120500-Cooking & Related Culinary Arts, General 120503-Culinary Arts/Chef Training 120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering 140801-Civil Engineering, General	14-Retail & Wholesale Sales & Service 8-Health Science 14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
120303-Mortuary Science & Embalming/Embalmer 120402-Barbering/Barber 120500-Cooking & Related Culinary Arts, General 120503-Culinary Arts/Chef Training 120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	8-Health Science 14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
120402-Barbering/Barber 120500-Cooking & Related Culinary Arts, General 120503-Culinary Arts/Chef Training 120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	14-Retail & Wholesale Sales & Service 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
120500-Cooking & Related Culinary Arts, General 120503-Culinary Arts/Chef Training 120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
120503-Culinary Arts/Chef Training 120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	9-Hospitality & Tourism 9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
120505-Food Preparation/Professional Cooking/Kitchen Assistant 129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	9-Hospitality & Tourism 9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
129999-Personal & Culinary Services, Other 140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	9-Hospitality & Tourism 15-Scientific Research/Engineering 15-Scientific Research/Engineering
140101-Engineering, General 140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	15-Scientific Research/Engineering 15-Scientific Research/Engineering
140201-Aerospace, Aeronautical & Astronautical Engineering 140301-Agricultural/Biological Engineering & Bioengineering 140401-Architectural Engineering 140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	15-Scientific Research/Engineering
40301-Agricultural/Biological Engineering & Bioengineering     40401-Architectural Engineering     40501-Biomedical/Medical Engineering     40601-Ceramic Sciences & Engineering     40701-Chemical Engineering	
40401-Architectural Engineering   40501-Biomedical/Medical Engineering   40601-Ceramic Sciences & Engineering   40701-Chemical Engineering	15-Scientific Research/Engineering
140501-Biomedical/Medical Engineering 140601-Ceramic Sciences & Engineering 140701-Chemical Engineering	
40601-Ceramic Sciences & Engineering 40701-Chemical Engineering	15-Scientific Research/Engineering
140701-Chemical Engineering	15-Scientific Research/Engineering
· · · · · · · · · · · · · · · · · · ·	15-Scientific Research/Engineering
40801-Civil Engineering, General	15-Scientific Research/Engineering
the state of the s	15-Scientific Research/Engineering
140802-Geotechnical Engineering	15-Scientific Research/Engineering
140803-Structural Engineering	15-Scientific Research/Engineering
140804-Transportation & Highway Engineering	15-Scientific Research/Engineering
140805-Water Resources Engineering	15-Scientific Research/Engineering
140899-Civil Engineering, Other	15-Scientific Research/Engineering
140901-Computer Engineering, General	11-Information Technology
40901-Computer Engineering, General	15-Scientific Research/Engineering
140902-Computer Hardware Engineering	11-Information Technology
140902-Computer Hardware Engineering	15-Scientific Research/Engineering
140903-Computer Software Engineering	11-Information Technology

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Programs Leading to Employment in Nontraditional Fields for Females [1]				
CIP Code - Program Title	Career Cluster			
140903-Computer Software Engineering	15-Scientific Research/Engineering			
140999-Computer Engineering, Other	15-Scientific Research/Engineering			
141001-Electrical, Electronics & Communications Engineering	15-Scientific Research/Engineering			
141101-Engineering Mechanics	15-Scientific Research/Engineering			
141201-Engineering Physics	15-Scientific Research/Engineering			
141301-Engineering Science	15-Scientific Research/Engineering			
141401-Environmental/Environmental Health Engineering	1-Agriculture/Natural Resource			
41401-Environmental/Environmental Health Engineering	15-Scientific Research/Engineering			
141801-Materials Engineering	15-Scientific Research/Engineering			
141801-Materials Engineering	2-Architecture & Construction			
141901-Mechanical Engineering	15-Scientific Research/Engineering			
141901-Mechanical Engineering	2-Architecture & Construction			
142001-Metallurgical Engineering	15-Scientific Research/Engineering			
42101-Mining & Mineral Engineering	1-Agriculture/Natural Resource			
42101-Mining & Mineral Engineering	15-Scientific Research/Engineering			
42201-Naval Architecture & Marine Engineering	15-Scientific Research/Engineering			
42301-Nuclear Engineering	15-Scientific Research/Engineering			
42401-Ocean Engineering	15-Scientific Research/Engineering			
42501-Petroleum Engineering	15-Scientific Research/Engineering			
42701-Systems Engineering	15-Scientific Research/Engineering			
42801-Textile Sciences & Engineering	15-Scientific Research/Engineering			
43101-Materials Science	15-Scientific Research/Engineering			
143201-Polymer/Plastics Engineering	15-Scientific Research/Engineering			
143301-Construction Engineering	15-Scientific Research/Engineering			
143301-Construction Engineering	2-Architecture & Construction			
143401-Forest Engineering	15-Scientific Research/Engineering			
43501-Industrial Engineering	15-Scientific Research/Engineering			
43601-Manufacturing Engineering	15-Scientific Research/Engineering			
43601-Manufacturing Engineering	2-Architecture & Construction			
43801-Surveying Engineering	15-Scientific Research/Engineering			
143901-Geological/Geophysical Engineering	15-Scientific Research/Engineering			
149999-Engineering, Other	15-Scientific Research/Engineering			
50101-Architectural Engineering Technology/Technician	13-Manufacturing			

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CID Code Drogram Title	Career Cluster
CIP Code - Program Title	
150201-Civil Engineering Technology/Technician	13-Manufacturing
150303-Electrical, Electronic & Communications Engineering Technology/Technician	13-Manufacturing
150304-Laser & Optical Technology/Technician	13-Manufacturing
150305-Telecommunications Technology/Technician	13-Manufacturing
150399-Electrical & Electronic Engineering Technologies/Technicians, Other	13-Manufacturing
150401-Biomedical Technology/Technician	13-Manufacturing
150404-Instrumentation Technology/Technician	11-Information Technology
150499-Electromechanical & Instrumentation & Maintenance Technologies/Technicians, Other	11-Information Technology
150501-Heating, Air Conditioning & Refrigeration Technology/Technician (ACH/ACR/ACHR/HRAC/HVAC/AC Technol)	2-Architecture & Construction
150503-Energy Management & Systems Technology/Technician	13-Manufacturing
150505-Solar Energy Technology/Technician	13-Manufacturing
150505-Solar Energy Technology/Technician	2-Architecture & Construction
150506-Water Quality & Wastewater Treatment Management & Recycling Technology/Technician	1-Agriculture/Natural Resource
150507-Environmental Engineering Technology/Environmental Technology	1-Agriculture/Natural Resource
150508-Hazardous Materials Management & Waste Technology/Technician	2-Architecture & Construction
150599-Environmental Control Technologies/Technicians, Other	13-Manufacturing
150607-Plastics Engineering Technology/Technician	13-Manufacturing
150611-Metallurgical Technology/Technician	13-Manufacturing
150612-Industrial Technology/Technicians	13-Manufacturing
150613-Manufacturing Technology/Technician	13-Manufacturing
150699-Industrial Production Technologies/Technicians, Other	13-Manufacturing
150704-Hazardous Materials Information Systems Technology/Technician	1-Agriculture/Natural Resource
150801-Aeronautical/Aerospace Engineering Technology/Technician	16-Transportation, Distribution, & Logistics
150803-Automotive Engineering Technology/Technician	16-Transportation, Distribution, & Logistics
150805-Mechanical Engineering/Mechanical Technology/Technician	13-Manufacturing
150899-Mechanical Engineering Related Technology/Technician, Other	13-Manufacturing
150901-Mining Technology/Technician	1-Agriculture/Natural Resource
150901-Mining Technology/Technician	13-Manufacturing
150903-Petroleum Technology/Technician	1-Agriculture/Natural Resource
150999-Mining & Petroleum Technologies/Technicians, Other	13-Manufacturing
151001-Construction Engineering Technology/Technician	13-Manufacturing
151001-Construction Engineering Technology/Technician	2-Architecture & Construction
151102-Surveying Technology/Surveying	15-Scientific Research/Engineering

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Programs Leading to Employment in Nont	
CIP Code - Program Title	Career Cluster
151103-Hydraulics & Fluid Power Technology/Technician	13-Manufacturing
151201-Computer Engineering Technology/Technician	13-Manufacturing
151202-Computer Technology/Computer Systems Technology	13-Manufacturing
151299-Computer Engineering Technologies/Technicians, Other	11-Information Technology
151301-Drafting & Design Technology/Technician, General	2-Architecture & Construction
151302-CAD/CADD Drafting &/or Design Technology/Technician	2-Architecture & Construction
151303-Architectural Drafting & Architectural CAD/CADD	2-Architecture & Construction
151304-Civil Drafting & Civil Engineering CAD/CADD	2-Architecture & Construction
151305-Electrical/Electronics Drafting & Electrical/Electronics CAD/CADD	2-Architecture & Construction
151306-Mechanical Drafting & Mechanical Drafting CAD/CADD	2-Architecture & Construction
151399-Drafting/Design Engineering Technologies/Technicians, Other	2-Architecture & Construction
151501-Industrial Management	13-Manufacturing
159999-Engineering Related Technologies/Technicians, Other	13-Manufacturing
261103-Bioinformatics	11-Information Technology
270101-Mathematics, General	15-Scientific Research/Engineering
270301-Applied Mathematics	15-Scientific Research/Engineering
270303-Computational Mathematics	15-Scientific Research/Engineering
270399-Applied Mathematics, Other	15-Scientific Research/Engineering
279999-Mathematics & Statistics, Other	15-Scientific Research/Engineering
990601-Theology/Theological Studies	10-Human Service
390602-Divinity/Ministry (BD, MDiv.)	10-Human Service
390604-Pre-Theology/Pre-Ministerial Studies	10-Human Service
390605-Rabbinical Studies (M.H.L./Rav)	10-Human Service
390699-Theological & ministerial Studies, Other	10-Human Service
390701-Pastoral Studies/Counseling	10-Human Service
390702-Youth Ministry	10-Human Service
390799-Pastoral Counseling & Specialized Ministries, Other	10-Human Service
399999-Theological Studies & Religious Vocations, Other	10-Human Service
00201-Astronomy	15-Scientific Research/Engineering
100202-Astrophysics	15-Scientific Research/Engineering
400203-Planetary Astronomy & Science	15-Scientific Research/Engineering
400299-Astronomy and Astrophysics, Other	15-Scientific Research/Engineering
400401-Atmospheric Sciences & Meteorology, General	15-Scientific Research/Engineering

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P Code - Program Title	Career Cluster
00402-Atmospheric Chemistry & Climatology	15-Scientific Research/Engineering
00403-Atmospheric Physics & Dynamics	15-Scientific Research/Engineering
00404-Meteorology	15-Scientific Research/Engineering
00499-Atmospheric Sciences & Meteorology, Other	15-Scientific Research/Engineering
00601-Geology/Earth Science, General	15-Scientific Research/Engineering
00602-Geochemistry	15-Scientific Research/Engineering
0603-Geophysics & Seismology	15-Scientific Research/Engineering
0604-Paleontology	15-Scientific Research/Engineering
0605-Hydrology & Water Resources Science	15-Scientific Research/Engineering
0606-Geochemistry & Petrology	15-Scientific Research/Engineering
0607-Oceanography, Chemical & Physical	15-Scientific Research/Engineering
0699-Geological & Earth Sciences/Geosciences, Other	15-Scientific Research/Engineering
0801-Physics, General	15-Scientific Research/Engineering
0802-Atomic/Molecular Physics	15-Scientific Research/Engineering
0804-Elementary Particle Physics	15-Scientific Research/Engineering
805-Plasma & High-Temperature Physics	15-Scientific Research/Engineering
806-Nuclear Physics	15-Scientific Research/Engineering
807-Optics/Optical Sciences	15-Scientific Research/Engineering
808-Solid State & Low-Temperature Physics	15-Scientific Research/Engineering
309-Acoustics	15-Scientific Research/Engineering
810-Theoretical & Mathematical Physics	15-Scientific Research/Engineering
899-Physics, Other	15-Scientific Research/Engineering
205-Nuclear/Nuclear Power Technology/Technician	1-Agriculture/Natural Resource
0301-Chemical Technology/Technician	13-Manufacturing
102-Corrections	12-Law & Public Safety
0103-Criminal Justice/Law Enforcement Administration	12-Law & Public Safety
0104-Criminal Justice/Safety Studies	12-Law & Public Safety
107-Criminal Justice/Police Science	12-Law & Public Safety
109-Security & Loss Prevention Services	12-Law & Public Safety
111-Criminalistics & Criminal Science	12-Law & Public Safety
0112-Securities Services Administration/Management	12-Law & Public Safety
0201-Fire Protection & Safety Technology/Technician	12-Law & Public Safety
0202-Fire Services Administration	12-Law & Public Safety

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Programs Leading to Employment in Nontraditional Fields for Females [1]				
CIP Code - Program Title	Career Cluster			
430203-Fire Science/Firefighting	12-Law & Public Safety			
430299-Fire Protection, Other	12-Law & Public Safety			
439999-Protective Services, Other	12-Law & Public Safety			
440401-Public Administration	16-Transportation, Distribution, & Logistics			
440401-Public Administration	4-Business & Administration			
440401-Public Administration	7-Government & Public Administration			
440501-Public Policy Analysis	4-Business & Administration			
440501-Public Policy Analysis	7-Government & Public Administration			
449999-Public Administration & Services, Other	4-Business & Administration			
449999-Public Administration & Services, Other	7-Government & Public Administration			
450702-Cartography	15-Scientific Research/Engineering			
460101-Masonry/Mason	2-Architecture & Construction			
460201-Carpentry/Carpenter	2-Architecture & Construction			
460301-Electrical & Power Transmission Installation/Installer, General	2-Architecture & Construction			
460302-Electrician	2-Architecture & Construction			
460303-Lineworker	2-Architecture & Construction			
460399-Electrical & Power Transmission Installers, Other	2-Architecture & Construction			
460401-Building/property Maintenance and Management	2-Architecture & Construction			
460402-Concrete Finishing/Concrete Finisher	2-Architecture & Construction			
460403-Building/Home/Construction Inspection/Inspector	2-Architecture & Construction			
460404-Drywall Installation/Drywaller	2-Architecture & Construction			
460406-Glazier	2-Architecture & Construction			
460408-Painting/Painter & Wall Coverer	2-Architecture & Construction			
460410-Roofer	2-Architecture & Construction			
460411-Metal Building Assembly/Assembler	2-Architecture & Construction			
460412-Building/Construction Site Management/Manager	13-Manufacturing			
460412-Building/Construction Site Management/Manager	2-Architecture & Construction			
460499-Building/Construction Finishing, Management, & Inspection, Other	2-Architecture & Construction			
460502-Pipefitting/Pipefitter & Sprinkler Fitter	2-Architecture & Construction			
460503-Plumbing Technology/Plumber	2-Architecture & Construction			
460504-Well Drilling/Driller	1-Agriculture/Natural Resource			
460504-Well Drilling/Driller	2-Architecture & Construction			
460505-Blasting/Blaster	1-Agriculture/Natural Resource			

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Programs Leading to Employment in Nontraditional Fields for Fema	nes [1]
CIP Code - Program Title	Career Cluster
60505-Blasting/Blaster	2-Architecture & Construction
60599-Plumbing and Related Water Supply Services, Other	2-Architecture & Construction
69999-Building/Construction Trades, Other	1-Agriculture/Natural Resource
69999-Building/Construction Trades, Other	2-Architecture & Construction
70101-Electrical/Electronics Equipment Installation & Repair, General	13-Manufacturing
70102-Business Machine Repair	11-Information Technology
70103-Communications Systems Installation & Repair Technology	11-Information Technology
70103-Communications Systems Installation & Repair Technology	12-Law & Public Safety
470103-Communications Systems Installation & Repair Technology	13-Manufacturing
470103-Communications Systems Installation & Repair Technology	3-Arts, A/V Technology & Communication
470104-Computer Installation & Repair Technology/Technician	11-Information Technology
470104-Computer Installation & Repair Technology/Technician	13-Manufacturing
70105-Industrial Electronics Technology/Technician	13-Manufacturing
470106-Appliance Installation & Repair Technology/Technician	13-Manufacturing
70110-Security System Installation, Repair, & Inspection Technology/Technician	2-Architecture & Construction
170199-Electrical/Electronics Maintenance & Repair Technology, Other	3-Arts, A/V Technology & Communication
70201-Heating, Air Conditioning, Ventilation & Refrigeration Maintenance Technology/Technician (HAC, HACR, HVACR)	2-Architecture & Construction
70302-Heavy Equipment Maintenance/Technology/Technician	13-Manufacturing
70302-Heavy Equipment Maintenance/Technology/Technician	16-Transportation, Distribution, & Logistics
70303-Industrial Mechanics & Maintenance Technology	13-Manufacturing
470303-Industrial Mechanics & Maintenance Technology	2-Architecture & Construction
470399-Heavy/Industrial Equipment Maintenance Technologies	13-Manufacturing
470403-Locksmithing & Safe Repair	13-Manufacturing
470404-Musical Instrument Fabrication & Repair	3-Arts, A/V Technology & Communication
470408-Watchmaking & Jewelrymaking	11-Information Technology
470409-Parts & Warehousing Operations & Maintenance Technology/Technician	13-Manufacturing
470499-Prescision Systems Maintenance and Repair Technologies, Other	13-Manufacturing
470603-Autobody/Collision & Repair Technology & Technician	13-Manufacturing
470603-Autobody/Collision & Repair Technology & Technician	16-Transportation, Distribution, & Logistics
170604-Automobile/Automotive Mechanics/Technology/Technician	13-Manufacturing
470604-Automobile/Automotive Mechanics/Technology/Technician	16-Transportation, Distribution, & Logistics
470605-Diesel Mechanics Technology/Technician	16-Transportation, Distribution, & Logistics
470606-Small Engine Mechanics & Repair Technology	16-Transportation, Distribution, & Logistics

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CIP Code - Program Title	Career Cluster
470607-Airframe Mechanics & Aircraft Maintenance Technology/Technician	13-Manufacturing
470607-Airframe Mechanics & Aircraft Maintenance Technology/Technician	16-Transportation, Distribution, & Logistics
170608-Aircraft Powerplant Technology/Technician	16-Transportation, Distribution, & Logistics
470609-Avionics Maintenance & Technology/Technician	13-Manufacturing
170609-Avionics Maintenance & Technology/Technician	16-Transportation, Distribution, & Logistics
170610-Bicycle Mechanics & Repair	16-Transportation, Distribution, & Logistics
470611-Motorcycle Maintenance & Repair Technology/Technician	16-Transportation, Distribution, & Logistics
70612-Vehicle Emissions Inspection & Maintenance Technology/Technician	16-Transportation, Distribution, & Logistics
70613-Medium/Heavy Vehicle & Truck Technology/Technician	16-Transportation, Distribution, & Logistics
170614-Alternative Fuel Vehicle Technology/Technician	16-Transportation, Distribution, & Logistics
70615-Engine Machinist	13-Manufacturing
70616-Marine Maintenance/Fitter & Ship Repair Technology	16-Transportation, Distribution, & Logistics
170699-Vehicle Maintenance & Repair Technologies, Other	16-Transportation, Distribution, & Logistics
79999-Mechanic & Repair Technology, Other	2-Architecture & Construction
80303-Upholstery/Upholsterer	13-Manufacturing
80304-Shoe, Boot & Leather Repair	13-Manufacturing
80399-Leatherworking & Upholstery, Other	13-Manufacturing
80501-Machine Tool Technology/Machinist	13-Manufacturing
80503-Machine Shop Technology/Assistant	13-Manufacturing
180506-Sheet Metal Technology/Sheetworking	13-Manufacturing
80506-Sheet Metal Technology/Sheetworking	2-Architecture & Construction
80507-Tool & Die Technology/Technician	13-Manufacturing
80508-Welding Technology/Welder	13-Manufacturing
80509-Ironworking/Ironworker	13-Manufacturing
80701-Woodworking, General	13-Manufacturing
80702-Furniture Design & Manufacturing	13-Manufacturing
80703-Cabinetmaking & Millwork/Millwright	13-Manufacturing
80799-Woodworking, Other	13-Manufacturing
80801-Boilermaking/Boilermaker	13-Manufacturing
00101-Aeronautics/Aviation/Aerospace Science & Technology, General	16-Transportation, Distribution, & Logistics
90102-Airline/Commercial/Professional Pilot & Flight Crew	16-Transportation, Distribution, & Logistics
90104-Aviation/Airway Management & Operations	16-Transportation, Distribution, & Logistics
190105-Air Traffic Controller	16-Transportation, Distribution, & Logistics

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Programs Leading to Employment in Nontr	aditional Fields for Females [1]
CIP Code - Program Title	Career Cluster
490108-Flight Instructor	16-Transportation, Distribution, & Logistics
490202-Construction/Heavy Equipment/Earthmoving Equipment Operation	1-Agriculture/Natural Resource
490202-Construction/Heavy Equipment/Earthmoving Equipment Operation	2-Architecture & Construction
190205-Truck & Bus Driver/Commercial Vehicle Operation	16-Transportation, Distribution, & Logistics
490206-Mobil Crane Operation/Operator	2-Architecture & Construction
90299-Vehicle & Equipment Operators, Other	16-Transportation, Distribution, & Logistics
190299-Vehicle & Equipment Operators, Other	2-Architecture & Construction
190303-Commercial Fishing	16-Transportation, Distribution, & Logistics
490309-Marine Science/Merchant Marine Officer	16-Transportation, Distribution, & Logistics
490399-Marine Transportation Services, Other	16-Transportation, Distribution, & Logistics
499999-Transportation & Materials Moving Services, Other	16-Transportation, Distribution, & Logistics
500409-Graphic Design	13-Manufacturing
500602-Cinematography & Film/Video Production	3-Arts, A/V Technology & Communication
510101-Chiropractic (DC)	8-Health Science
510401-Dentistry (DDS, DMD)	8-Health Science
510501-Dental Clinical Sciences, General (MS, PhD)	8-Health Science
510502-Advanced General Dentistry (Cert, MS, PhD)	8-Health Science
510503-Oral Biology & Pathology (MS, PhD)	8-Health Science
510504-Dental Public Health & Education (Cert, MS/MPH, PhD/DPH)	8-Health Science
510505-Dental Materials (MS, PhD)	8-Health Science
510506-Endodontics/Endodontology (Cert, MS, PhD)	8-Health Science
510507-Oral/Maxillofacial Surgery (Cert, MS, PhD)	8-Health Science
510508-Orthodontics/Orthodontology (Cert, MS, PhD)	8-Health Science
510509-Pediatric Dentistry/Pedodontics (Cert, MS, PhD)	8-Health Science
510510-Periodontics/Periodontology (Cert, MS, PhD)	8-Health Science
510511-Prosthodontics/Prosthodontology (Cert, MS, PhD)	8-Health Science
510599-Advanced/Graduate Dentistry & Oral Sciences, Other	8-Health Science
511506-Clinical Pastoral Counseling/Patient Counseling	10-Human Service
512205-Health/Medical Physics	15-Scientific Research/Engineering
512312-Assistive/Augmentative Technology & Rehabiliation Engineering	15-Scientific Research/Engineering
512706-Medical Informatics	11-Information Technology
512799-Medical Illustration and Informatics, Other	11-Information Technology
520101-Business/Commerce, General	16-Transportation, Distribution, & Logistics

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Programs Leading to Employment in Non	traditional Fields for Females [1]
CIP Code - Program Title	Career Cluster
520101-Business/Commerce, General	2-Architecture & Construction
520101-Business/Commerce, General	4-Business & Administration
520201-Business Administration/Management	13-Manufacturing
520201-Business Administration/Management	16-Transportation, Distribution, & Logistics
520201-Business Administration/Management	2-Architecture & Construction
520201-Business Administration/Management	4-Business & Administration
520203-Logistics & Materials Management	16-Transportation, Distribution, & Logistics
520205-Operations Management & Supervision	13-Manufacturing
520205-Operations Management & Supervision	2-Architecture & Construction
520209-Transportation/Transportation Management	4-Business & Administration
520701-Entrepreneurship/Entrepreneurial Studies	4-Business & Administration
521101-International Business/Trade/Commerce	4-Business & Administration
521304-Actuarial Science	6-Finance
521804-Selling Skills & Sales Operations	14-Retail & Wholesale Sales & Service
21907-Vehicle Parts & Accessories Marketing Operations	14-Retail & Wholesale Sales & Service
522001-Construction Management	2-Architecture & Construction
S00101-Dental/Oral Surgery Specialty	8-Health Science
S00102-Dental Public Health Specialty	8-Health Science
S00103-Endodontics Specialty	8-Health Science
S00104-Oral Pathology Specialty	8-Health Science
S00105-Orthodontics Specialty	8-Health Science
S00106-Pedodontics Specialty	8-Health Science
00107-Periodontics Specialty	8-Health Science
S00108-Prosthodontics Specialty	8-Health Science
S00199-Dental Residency Program, Other	8-Health Science
1] Source: 2006 BLS Data	

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### **Texas Higher Education Coordinating Board** Perkins Data Resources for 2016-2017 Program Measure - Quantitative Measure Q2: Number of Program Degrees and Certificates Awarded

#### **Lamar State College - Orange**

### Q2: Number of Program Degrees and Certificates Awarded

Measure: Number of workforce education program degrees and certificates awarded over 5-year period.

Standard: Workforce education program generates 25 awards over 5-year period (except new programs which received CB approval or were first offered within last 5 years).

Number of Program Awards by Reporting Year [1]									
Program	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	5-Year Total			
11010000-Computer and Information Sciences, General	15	25	20	10	16	86			
15040000-Electromechanical and Instrumentation and Maintenance Techno	1	2	5	5	4	17			
24010000-Liberal Arts and Sciences, General Studies and Humanities	0	2	6	17	11	36			
41030000-Physical Science Technologies/Technicians	52	37	38	70	105	302			
43010000-Criminal Justice and Corrections	18	8	10	20	10	66			
48050000-Precision Metal Working	0	0	0	0	0	0			
51060000-Dental Support Services and Allied Professions	24	25	29	27	28	133			
51070000-Health and Medical Administrative Services	40	42	43	41	39	205			
51080500-Pharmacy Technician/Assistant	21	11	9	10	10	61			
51080600-Physical Therapist Technician/Assistant	0	0	0	0	0	0			
51090400-Emergency Medical Technology/Technician (EMT Paramedic)	0	0	0	0	0	0			
51350000-Somatic Bodywork and Related Therapeutic Services	0	0	0	0	0	0			
51380000-Registered Nursing, Nursing Administration, Nursing Research	65	67	56	51	25	264			
51390000-Practical Nursing, Vocational Nursing and Nursing Assistants	132	140	130	131	130	663			
52020000-Business Administration, Management and Operations	22	21	23	21	21	108			
52040000-Business Operations Support and Assistant Services	0	0	0	0	0	0			

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### **Texas Higher Education Coordinating Board** Perkins Data Resources for 2016-2017 Program Measure - Quantitative Measure Q3: Program Completer Placement Rate

#### **Lamar State College - Orange**

### **Q3: Program Completer Placement Rate**

Measure: Average placement rate (as described in standard) of workforce education program completers over 3-year period.

Standard: No current standard; historically, 85 percent of workforce education program completers (3-year average) are employed or pursuing additional education within one year of graduation.

		2011-2012			2012-2013			2013-2014			3-Year Average		
		2011-2	012	2012-2013			2013-2014			3-Teal Average			
Program	Plc	Cmp	%	Plc	Cmp	%	Plc	Cmp	%	Plc	Cmp	%	
11010000-Computer and Information Sciences, General	15	15	100.00%	9	9	100.00%	2	4	50.00%	26	28	92.86%	
15040000-Electromechanical and Instrumentation and Maintenance Techno	2	2	100.00%	5	5	100.00%	5	5	100.00%	12	12	100.00%	
24010000-Liberal Arts and Sciences, General Studies and Humanities	1	1	100.00%	6	6	100.00%	9	12	75.00%	16	19	84.21%	
41030000-Physical Science Technologies/Technicians	20	21	95.24%	26	26	100.00%	41	43	95.35%	87	90	96.67%	
43010000-Criminal Justice and Corrections	2	2	100.00%	4	5	80.00%	5	6	83.33%	11	13	84.62%	
48050000-Precision Metal Working	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A	
51060000-Dental Support Services and Allied Professions	23	25	92.00%	25	29	86.21%	25	27	92.59%	73	81	90.12%	
51070000-Health and Medical Administrative Services	17	27	62.96%	20	22	90.91%	14	18	77.78%	51	67	76.12%	
51080500-Pharmacy Technician/Assistant	8	11	72.73%	8	8	100.00%	9	10	90.00%	25	29	86.21%	
51080600-Physical Therapist Technician/Assistant	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A	
51090400-Emergency Medical Technology/Technician (EMT Paramedic)	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A	
51350000-Somatic Bodywork and Related Therapeutic Services	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A	
51380000-Registered Nursing, Nursing Administration, Nursing Research	53	67	79.10%	49	54	90.74%	49	51	96.08%	151	172	87.79%	
51390000-Practical Nursing, Vocational Nursing and Nursing Assistants	111	140	79.29%	109	130	83.85%	109	131	83.21%	329	401	82.04%	
52020000-Business Administration, Management and Operations	10	12	83.33%	8	10	80.00%	5	11	45.45%	23	33	69.70%	
52040000-Business Operations Support and Assistant Services	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A	

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### Texas Higher Education Coordinating Board Perkins Data Resources for 2016-2017 Workforce Education Program Inventory as of 04/01/2016

### Lamar State College - Orange

Prog CIP	· · · · · · · · · · · · · · · · · · ·								
Awd CIP	Award CIP Name Award Type/Title	Length	Credit Hrs	Contact Hrs	Originally Approved	Revised	Closed/ Deactivated		
11.01	COMPUTER AND INFORMATION SCIENCES, GENERAL				Computer	and Information Sc	ciences, General		
11.0101	Computer and Information Sciences, General								
	AAS INFORMATION TECHNOLOGY SUPPORT SPECIALIST (TP)	4 S	60	1488		9/1/2016			
	CERT1 CISCO NETWORK SPECIALIST CERTIFICATE (TP)	4 S	15	448	9/1/2003	1/1/2015			
	CERT1 GAME SPECIALIST CERTIFICATE	2 S	24	480	1/1/2014	1/1/2014			
	CERT1 INFORMATION TECHNOLOGY SUPPORT ASSISTANT CERTIFICATE (TP)	2 S	30	784		9/1/2016			
	CERT2 INFORMATION TECHNOLOGY SUPPORT ASSISTANT CERTIFICATE (TP)	3 S	43	1120	9/1/2007	DE: 12/31/2010	EX: 12/31/2013		
15.04	ELECTROMECHANICAL AND INSTRUMENTATION AND MAINTENANCE TECHNO				II	NSTRUMENTATION	TECHNOLOGY		
15.0404	Instrumentation Technology/Technician	_							
	AAS INSTRUMENTATION	4 S	60	1360	1/1/2016	1/1/2016			
	CERT1 INSTRUMENTATION TECHNOLOGY CERTIFICATE	2 S	32	704	9/1/2009	1/1/2015			
24.01 24.0102	·					GEN	IERAL STUDIES		
24.0102	CERT2 GENERAL STUDIES CERTIFICATE	3 S	44	800	9/1/2010	9/1/2010			
41.03	PHYSICAL SCIENCE TECHNOLOGIES/TECHNICIANS				Physical	Science Technolog	jies/Technicians		
41.0301	Chemical Technology/Technician								
	AAS INDUSTRIAL TECHNOLOGY (TP)	4 S	60	1248	9/1/2005	1/1/2015			
	AAS PROCESS OPERATING TECHNOLOGY (TP)	6 S	60	1472	9/1/2009	1/1/2015			
	CERT1 PROCESS OPERATING TECHNOLOGY CERTIFICATE (TP)	2 S	37	752	6/1/2001	6/1/2001			
	CERT1 PROCESS TECHNOLOGY CERTIFICATE (TP)	5 S	40	720	1/1/2015	1/1/2015			
	CERT1 SAFETY, HEALTH, ENVIRONMENTAL CERTIFICATE	4 S	41	800	1/1/2015	1/1/2015			
	CERT2 SAFETY, HEALTH, ENVIRONMENTAL CERTIFICATE	4 S	43	800	9/1/2008	DE: 12/31/2014	EX: 12/31/2017		
43.01 43.0102	CRIMINAL JUSTICE AND CORRECTIONS Corrections					CRI	MINAL JUSTICE		
	CERT1 CRIMINAL JUSTICE CERTIFICATE (TP)	2 S	30	704	1/1/1995	9/1/2000			
	CERT1 CRIMINAL JUSTICE JAILER CERTIFICATE (TP)	2 S	15	448	1/1/2003	1/1/2003			
48.05 48.0508	PRECISION METAL WORKING Welding Technology/Welder					WELDING	TECHNOLOGY		
	CERT1 BASIC WELDING TECHNOLOGY CERTIFICATE (TP)	1 S	15	256	1/1/2009	6/1/2014			
	CERT1 WELDING TECHNOLOGY CERTIFICATE (TP)	2 S	31	672	1/1/2009	6/1/2014			

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### Texas Higher Education Coordinating Board Perkins Data Resources for 2016-2017 Workforce Education Program Inventory as of 04/01/2016

### Lamar State College - Orange

Prog CIP	Program CIP Name					Previous Program Name			
Awd CIP	Award CIP Name Award Type/Title	Length	Credit Hrs	Contact Hrs	Originally Approved	Revised	Closed/ Deactivated		
51.06	DENTAL SUPPORT SERVICES AND ALLIED PROFESSIONS					DENTAL ASSISTING			
51.0601	Dental Assisting/Assistant CERT1 DENTAL ASSISTING CERTIFICATE	4 S	40	1120	9/1/2001	9/1/2001			
51.07	HEALTH AND MEDICAL ADMINISTRATIVE SERVICES					OFFICE	OFFICE TECHNOLOGY		
51.0716	Medical Administrative/Executive Assistant and Medical Secre								
	AAS MEDICAL OFFICE PROFESSIONAL (TP)	4 S	60	1232	1/1/1993	9/1/2015			
	CERT1 MEDICAL OFFICE ASSISTANT CERTIFICATE (TP)	2 S	30	608	1/1/1995	9/1/2015			
	CERT1 MEDICAL TRANSRIPTIONIST CERTIFICATE (TP)	2 S	22	480	9/1/2003	9/1/2015			
	CERT2 MEDICAL ADMINISTRATIVE ASSISTANT CERTIFICATE (TP)	3 S	45	960	9/1/2001	9/1/2015			
	CERT3 MEDICAL TRANSCRIPTIONIST (TP)	1 S	13	352	9/1/1999	9/1/1999			
51.0805	PHARMACY TECHNICIAN/ASSISTANT	PHARMACY TECHNOLOGY							
51.0805	Pharmacy Technician/Assistant	0.0	00	004	0/4/4007	0/4/0040			
	CERT1 PHARMACY TECHNOLOGY CERTIFICATE (TP)	2 S	30	864	9/1/1997	6/1/2016			
51.0806	PHYSICAL THERAPIST TECHNICIAN/ASSISTANT				PHYSICAL THERAPIST ASSISTANT				
51.0806	Physical Therapist Technician/Assistant  AAS PHYSICAL THERAPIST ASSISTANT	5 S	60	1712	1/1/2009	1/1/2009			
	AAS PHYSICAL THERAPIST ASSISTANT	55	60	1/12	1/1/2009	1/1/2009			
51.0904 51.0904	EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (EMT PARAMEDIC)		EMERGENCY MEDICAL SERVICES						
51.0904	Emergency Medical Technology/Technician (EMT Paramedic) CERT1 EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC (CEU)	2 S	0	736	9/1/2008	9/1/2008			
	CERT1 EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC (CEO)  CERT1 EMT - INTERMEDIATE CERTIFICATE	2 S	16	496	9/1/2006	DE: 8/31/2009	EX: 8/31/2012		
	CERTT EINT-INTERMEDIATE CERTIFICATE	23	10	490	9/1/2006	DE. 6/31/2009	EX. 6/31/2012		
51.35	SOMATIC BODYWORK AND RELATED THERAPEUTIC SERVICES					MASS	AGE THERAPY		
51.3501	Massage Therapy/Therapeutic Massage	_							
	CERT1 MASSAGE THERAPY (CEU)	4 S	0	500	1/1/2008	1/1/2008			
51.38	REGISTERED NURSING, NURSING ADMINISTRATION, NURSING RESEARCH  REGISTERED NURSING NURSING ADMINISTRATION, NURSING RESEARCH  REGISTERED NURSING NURSING NURSING ADMINISTRATION, NURSING RESEARCH					ERED NURSING			
51.3801	Registered Nursing/Registered Nurse  AAS UPWARD MOBILITY NURSING (TP)	4 S	64	1504	9/1/2010	CL: 12/31/2011	EX: 12/31/2011		
	AAS UPWARD MOBILITY NURSING (TP)  AAS UPWARD MOBILITY NURSING (TP)	4 S 5 S	60	1504	9/1/2010 1/27/1989	9/1/2015	LA. 12/31/2011		
	ערט טריאארט ויוטסונוז ז ווטאסוויט (וד)	5.5	00	1000	1/2//1909	9/1/2013			

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### Texas Higher Education Coordinating Board Perkins Data Resources for 2016-2017 Workforce Education Program Inventory as of 04/01/2016

### Lamar State College - Orange

Prog CIP	Program CIP Name Previous Program									
Awd CIP	Award CIP Name	Length	Credit Hrs	Contact Hrs	Originally Approved	Revised	Closed/ Deactivated			
	Award Type/Title									
51.39	PRACTICAL NURSING, VOCATIONAL NURSING AND NURSING ASSISTANTS		F	PRACTICAL I	NURSING, VOCA	TIONAL NURSING	AND NURSING			
51.3901	Licensed Practical/Vocational Nurse Training									
	CERT2 VOCATIONAL NURSING CERTIFICATE (TP)	3 S	59	1952	9/1/2010	9/1/2010				
52.02	NESS ADMINISTRATION, MANAGEMENT AND OPERATIONS  Business Administration, Management and Operations									
52.0201	Business Administration and Management, General									
	AAS BUSINESS MANAGEMENT (TP)	4 S	60	1088		1/1/2015				
	CERT1 BUSINESS MANAGEMENT ACCOUNTING CERTIFICATE (TP)	2 S	30	512	9/1/2006	1/1/2015				
	CERT1 ENTREPRENEURSHIP CERTIFICATE (TP)	2 S	33	528	9/1/1999	1/1/2015				
52.04	BUSINESS OPERATIONS SUPPORT AND ASSISTANT SERVICES  Business Operations Support and Assistant									
52.0401	Administrative Assistant and Secretarial Science, General									
	CERT1 ADMINISTRATIVE TECHNOLOGY CERTIFICATE	2 S	30	528	1/1/2016	1/1/2016				
	CERT1 CUSTOMER SERVICE REPRESENTATIVE CERTIFICATE (TP)	2 S	31	576	9/1/2007	DE: 8/31/2008	EX: 8/31/2011			
	CERT1 INFORMATION MANAGEMENT SPECIALIST CERTIFICATE (TP)	2 S	31	608	9/1/2007	DE: 8/31/2008	EX: 8/31/2011			

Total Programs Offered: 16

Total Awards Offered: 38

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