Texas Higher Education Coordinating Board
Perkins Data Resources for 2019-2020
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Lamar State College - Orange

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1P1: Technical Skill Attainment

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

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

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

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>State Performance/Target</td>
<td>91.01%</td>
<td>91.00%</td>
<td>81.90%</td>
<td>91.87%</td>
</tr>
<tr>
<td>Lamar State College - Orange</td>
<td>87.76%</td>
<td>-3.24%</td>
<td>+5.86%</td>
<td>85.88%</td>
</tr>
<tr>
<td></td>
<td>129 / 147</td>
<td>146 / 170</td>
<td>139 / 147</td>
<td>13086 / 14379</td>
</tr>
</tbody>
</table>


Data as of 12/18/2019
**Texas Higher Education Coordinating Board**  
**Perkins Data Resources for 2019-2020**  
**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 CTE concentrators who received an industry-recognized credential, certificate, or degree during the reporting year.

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

### Actual Institutional Performance Compared to State Targets by Program Year

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>State Performance/Target</td>
<td>36.60%</td>
<td>32.00%</td>
<td>28.80%</td>
<td>38.42%</td>
</tr>
<tr>
<td>25756 / 70372</td>
<td>25628 / 66712</td>
<td></td>
<td></td>
<td>27528 / 69789</td>
</tr>
<tr>
<td>Lamar State College - Orange</td>
<td>27.39%</td>
<td>-4.61%</td>
<td>-1.41%</td>
<td>44.17%</td>
</tr>
<tr>
<td>129 / 471</td>
<td>216 / 489</td>
<td></td>
<td></td>
<td>161 / 441</td>
</tr>
</tbody>
</table>

Source: CBM001, CBM002, CBM009, CBM00M, CB116  

Data as of 12/18/2019
# 3P1: Student Retention or Transfer

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

Numerator: Number of CTE concentrators 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.

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>State Performance/Target</td>
<td>64.80%</td>
<td>63.00%</td>
<td>56.70%</td>
<td>65.08%</td>
</tr>
<tr>
<td>Lamar State College - Orange</td>
<td>59.51%</td>
<td>-3.49%</td>
<td>-3.11%</td>
<td>59.89%</td>
</tr>
</tbody>
</table>

# 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

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>State Performance/Target</td>
<td>75.21%</td>
<td>76.00%</td>
<td>68.40%</td>
<td>75.53%</td>
<td>76.00%</td>
<td>68.40%</td>
<td>75.46%</td>
<td>76.10%</td>
<td>68.49%</td>
<td>76.10%</td>
</tr>
<tr>
<td>Lamar State College - Orange</td>
<td>69.38%</td>
<td>-6.62%</td>
<td>+0.98%</td>
<td>65.82%</td>
<td>-10.18%</td>
<td>-2.58%</td>
<td>73.82%</td>
<td>-2.28%</td>
<td>+5.33%</td>
<td></td>
</tr>
</tbody>
</table>

Source: CBM001, CBM002, CBM009, CBM00M, UI Wage Records, CB116  
5P1: Nontraditional Participation

Student participation in CTE programs in nontraditional fields.

Numerator: Number of CTE participants 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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>State Performance/Target</td>
<td>22.96% 42267 / 184086</td>
<td>24.00% 21.60%</td>
<td>22.70% 40973 / 180536</td>
<td>24.05% 21.65%</td>
</tr>
<tr>
<td>Lamar State College - Orange</td>
<td>11.93% 175 / 1467</td>
<td>-12.07% -9.67%</td>
<td>12.50% 179 / 1432</td>
<td>-11.55% -9.14%</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>State Performance/Target</td>
<td>18.14% 5995 / 33051</td>
<td>18.00% 16.20%</td>
<td>17.89% 6055 / 33855</td>
<td>18.50% 16.65%</td>
</tr>
<tr>
<td>Lamar State College - Orange</td>
<td>18.58% 34 / 183</td>
<td>+0.58% 2.38%</td>
<td>8.88% 31 / 349</td>
<td>-9.62% -7.77%</td>
</tr>
</tbody>
</table>

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 Enrollment and Proportions by Type and Category by Reporting Year [1]

<table>
<thead>
<tr>
<th>Category</th>
<th>2016-2017</th>
<th></th>
<th></th>
<th>2017-2018</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Coll</td>
<td>%</td>
<td>WE</td>
<td>%</td>
<td>Coll</td>
<td>%</td>
</tr>
<tr>
<td>Total - Lamar State College - Orange</td>
<td>3634</td>
<td>38%</td>
<td>1496</td>
<td>28%</td>
<td>3504</td>
<td>39%</td>
</tr>
<tr>
<td>Male</td>
<td>1371</td>
<td>38%</td>
<td>416</td>
<td>28%</td>
<td>1358</td>
<td>39%</td>
</tr>
<tr>
<td>Female</td>
<td>2263</td>
<td>62%</td>
<td>1080</td>
<td>72%</td>
<td>2146</td>
<td>61%</td>
</tr>
<tr>
<td>White</td>
<td>2369</td>
<td>65%</td>
<td>952</td>
<td>64%</td>
<td>2279</td>
<td>65%</td>
</tr>
<tr>
<td>African-American</td>
<td>610</td>
<td>17%</td>
<td>411</td>
<td>27%</td>
<td>575</td>
<td>16%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>206</td>
<td>6%</td>
<td>86</td>
<td>6%</td>
<td>228</td>
<td>7%</td>
</tr>
<tr>
<td>Asian</td>
<td>51</td>
<td>1%</td>
<td>17</td>
<td>1%</td>
<td>53</td>
<td>2%</td>
</tr>
<tr>
<td>Native-American</td>
<td>23</td>
<td>1%</td>
<td>10</td>
<td>1%</td>
<td>13</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>International</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Unknown</td>
<td>375</td>
<td>10%</td>
<td>20</td>
<td>1%</td>
<td>356</td>
<td>10%</td>
</tr>
<tr>
<td>Individuals with Disabilities</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Economically Disadvantaged</td>
<td>1003</td>
<td>28%</td>
<td>639</td>
<td>43%</td>
<td>839</td>
<td>24%</td>
</tr>
<tr>
<td>Single Parents</td>
<td>410</td>
<td>11%</td>
<td>305</td>
<td>20%</td>
<td>387</td>
<td>11%</td>
</tr>
<tr>
<td>Displaced Homemakers</td>
<td>3</td>
<td>&lt;1%</td>
<td>2</td>
<td>&lt;1%</td>
<td>3</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Limited English Proficiency</td>
<td>10</td>
<td>&lt;1%</td>
<td>6</td>
<td>&lt;1%</td>
<td>8</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

[1] Source: CBM001, CBM00A
**5P1: Nontraditional Participation**

Student participation in CTE programs in nontraditional fields.

**Numerator:** Number of CTE participants 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.

### State Targets by Program Year

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Target</strong></td>
<td>24.00%</td>
<td>21.60%</td>
<td>24.05%</td>
<td>21.65%</td>
</tr>
</tbody>
</table>

### Percentage of Underrepresented CTE Participants in Nontraditional Programs by Reporting Year [1]

<table>
<thead>
<tr>
<th>Program</th>
<th>Nontrad Gender</th>
<th>Institution</th>
<th>Statewide Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>11010000-Computer and Information Sciences, General</td>
<td>Female</td>
<td>12.90% 4 / 31 16.13% 5 / 31 20.00% 5 / 25 19.55% 1248 / 6384 18.75% 1225 / 6533 19.99% 1391 / 6958</td>
<td></td>
</tr>
<tr>
<td>11100000-Computer/Information Technology Administration and Management</td>
<td>Female</td>
<td>10.71% 3 / 28 10.26% 4 / 39 11.43% 8 / 70 10.66% 254 / 2383 11.18% 277 / 2478 11.81% 294 / 2490</td>
<td></td>
</tr>
<tr>
<td>15040000-Electromechanical and Instrumentation and Maintenance Technology</td>
<td>Female</td>
<td>10.71% 3 / 28 10.26% 4 / 39 11.43% 8 / 70 10.66% 254 / 2383 11.18% 277 / 2478 11.81% 294 / 2490</td>
<td></td>
</tr>
<tr>
<td>41030000-Physical Science Technologies/Technicians</td>
<td>Female</td>
<td>19.66% 57 / 290 18.34% 53 / 289 22.59% 54 / 239 17.60% 983 / 5585 16.38% 910 / 5556 17.32% 936 / 5405</td>
<td></td>
</tr>
<tr>
<td>43010000-Criminal Justice and Corrections</td>
<td>Female</td>
<td>75.00% 3 / 4 85.71% 6 / 7 100.00% 4 / 4 44.24% 4452 / 10064 44.34% 4173 / 9412 45.99% 4028 / 8758</td>
<td></td>
</tr>
<tr>
<td>48050000-Precision Metal Working</td>
<td>Female</td>
<td>N/A 0.00% 0 / 1 20.00% 2 / 10 6.40% 511 / 7981 6.18% 482 / 7805 6.03% 428 / 7101</td>
<td></td>
</tr>
<tr>
<td>49030000-Marine Transportation</td>
<td>Female</td>
<td>N/A N/A N/A 4.41% 3 / 68 8.24% 7 / 85 7.84% 8 / 102</td>
<td></td>
</tr>
<tr>
<td>51060000-Dental Support Services and Allied Professions</td>
<td>Male</td>
<td>7.14% 4 / 56 3.57% 2 / 56 2.27% 1 / 44 8.49% 260 / 3062 10.02% 289 / 2885 9.55% 272 / 2848</td>
<td></td>
</tr>
<tr>
<td>51070000-Health and Medical Administrative Services</td>
<td>Male</td>
<td>0.00% 0 / 57 0.00% 0 / 27 0.00% 0 / 4 13.46% 623 / 4629 13.22% 573 / 4334 12.76% 507 / 3973</td>
<td></td>
</tr>
<tr>
<td>51080500-Pharmacy Technician/Assistant</td>
<td>Male</td>
<td>12.50% 3 / 24 16.67% 4 / 24 26.32% 5 / 19 23.70% 232 / 979 24.87% 242 / 973 25.38% 249 / 981</td>
<td></td>
</tr>
<tr>
<td>51080600-Physical Therapist Technician/Assistant</td>
<td>Male</td>
<td>N/A N/A N/A 33.65% 951 / 2826 36.35% 948 / 2608 38.16% 938 / 2458</td>
<td></td>
</tr>
<tr>
<td>51090400-Emergency Medical Technology/Technician (EMT Paramedic)</td>
<td>N/A</td>
<td>N/A N/A</td>
<td></td>
</tr>
</tbody>
</table>

[1] Source: CBM001, CBM002, CBM009, CBM00M

Data as of 12/18/2019
### 5P1: Nontraditional Participation

Student participation in CTE programs in nontraditional fields.

**Numerator:** Number of CTE participants 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.

#### State Targets by Program Year

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>24.00%</td>
<td>21.60%</td>
<td>24.05%</td>
<td>21.65%</td>
</tr>
<tr>
<td>5P1: Nontrad</td>
<td>90%</td>
<td>90%</td>
<td>90%</td>
<td>90%</td>
</tr>
</tbody>
</table>

#### Percentage of Underrepresented CTE Participants in Nontraditional Programs by Reporting Year [1]

<table>
<thead>
<tr>
<th>Program</th>
<th>Nonrad Gender</th>
<th>Institution</th>
<th>Statewide Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>51350000-Somatic Bodywork and Related Therapeutic Services</td>
<td>Male</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>51380000-Registered Nursing, Nursing Administration, Nursing Research</td>
<td>Male</td>
<td>6.21% / 22 / 354</td>
<td>4.94% / 16 / 324</td>
</tr>
<tr>
<td>51390000-Practical Nursing, Vocational Nursing and Nursing Assistants</td>
<td>Male</td>
<td>8.03% / 46 / 573</td>
<td>8.92% / 52 / 583</td>
</tr>
<tr>
<td>52020000-Business Administration, Management and Operations</td>
<td>Female</td>
<td>66.00% / 33 / 50</td>
<td>72.55% / 37 / 51</td>
</tr>
</tbody>
</table>

[1] Source: CBM001, CBM002, CBM009, CBM00M

Data as of 12/18/2019
# 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.

### State Targets by Program Year

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>90%</td>
<td>90%</td>
<td>90%</td>
<td>90%</td>
</tr>
<tr>
<td>State Target</td>
<td>18.00%</td>
<td>16.20%</td>
<td>18.50%</td>
<td>16.65%</td>
</tr>
</tbody>
</table>

### Percentage of Underrepresented CTE Concentrators Completing Nontraditional Programs by Reporting Year [1]

<table>
<thead>
<tr>
<th>Program</th>
<th>Nonrad Gender</th>
<th>Institution</th>
<th>Statewide Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>11010000-Computer and Information Sciences, General</td>
<td>Female</td>
<td>2015-2016</td>
<td>2016-2017</td>
</tr>
<tr>
<td></td>
<td>42.86% 3 / 7</td>
<td>25.00% 1 / 4</td>
<td>14.29% 1 / 7</td>
</tr>
<tr>
<td></td>
<td>31.76% 309 / 973</td>
<td>21.35% 146 / 684</td>
<td>22.45% 174 / 775</td>
</tr>
<tr>
<td>11100000-Computer/Information Technology Administration and Management</td>
<td>Female</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>0.00% 0 / 1</td>
<td>20.00% 1 / 5</td>
<td>28.57% 4 / 14</td>
</tr>
<tr>
<td></td>
<td>20.42% 59 / 289</td>
<td>17.84% 61 / 342</td>
<td>16.84% 63 / 374</td>
</tr>
<tr>
<td>15040000-Electromechanical and Instrumentation and Maintenance Techno</td>
<td>Female</td>
<td>2015-2018</td>
<td>2016-2017</td>
</tr>
<tr>
<td></td>
<td>25.45% 14 / 55</td>
<td>18.52% 15 / 81</td>
<td>15.79% 9 / 57</td>
</tr>
<tr>
<td></td>
<td>16.10% 184 / 1143</td>
<td>17.99% 222 / 1234</td>
<td>17.22% 202 / 1173</td>
</tr>
<tr>
<td>41030000-Physical Science Technologies/Technicians</td>
<td>Female</td>
<td>2015-2016</td>
<td>2016-2017</td>
</tr>
<tr>
<td></td>
<td>42.86% 3 / 7</td>
<td>25.00% 1 / 4</td>
<td>14.29% 1 / 7</td>
</tr>
<tr>
<td></td>
<td>31.76% 309 / 973</td>
<td>21.35% 146 / 684</td>
<td>22.45% 174 / 775</td>
</tr>
<tr>
<td>43010000-Criminal Justice and Corrections</td>
<td>Female</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>20.00% 1 / 5</td>
<td>20.00% 1 / 5</td>
<td>28.57% 4 / 14</td>
</tr>
<tr>
<td></td>
<td>16.08% 184 / 1143</td>
<td>22.20% 222 / 1234</td>
<td>17.22% 202 / 1173</td>
</tr>
<tr>
<td>48050000-Precision Metal Working</td>
<td>Female</td>
<td>2015-2016</td>
<td>2016-2017</td>
</tr>
<tr>
<td></td>
<td>42.86% 3 / 7</td>
<td>25.00% 1 / 4</td>
<td>14.29% 1 / 7</td>
</tr>
<tr>
<td></td>
<td>31.76% 309 / 973</td>
<td>21.35% 146 / 684</td>
<td>22.45% 174 / 775</td>
</tr>
<tr>
<td>49030000-Marine Transportation</td>
<td>Female</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>0.00% 0 / 1</td>
<td>20.00% 1 / 5</td>
<td>28.57% 4 / 14</td>
</tr>
<tr>
<td></td>
<td>16.08% 184 / 1143</td>
<td>22.20% 222 / 1234</td>
<td>17.22% 202 / 1173</td>
</tr>
<tr>
<td>51060000-Dental Support Services and Allied Professions</td>
<td>Male</td>
<td>2015-2016</td>
<td>2016-2017</td>
</tr>
<tr>
<td></td>
<td>0.00% 0 / 6</td>
<td>0.00% 0 / 30</td>
<td>4.36% 1 / 23</td>
</tr>
<tr>
<td></td>
<td>3.82% 20 / 523</td>
<td>6.11% 30 / 491</td>
<td>5.59% 33 / 590</td>
</tr>
<tr>
<td>51070000-Health and Medical Administrative Services</td>
<td>Male</td>
<td>2015-2016</td>
<td>2016-2017</td>
</tr>
<tr>
<td></td>
<td>0.00% 0 / 14</td>
<td>0.00% 0 / 18</td>
<td>0.00% 0 / 2</td>
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<tr>
<td></td>
<td>8.31% 51 / 614</td>
<td>6.69% 38 / 568</td>
<td>5.65% 35 / 620</td>
</tr>
<tr>
<td>51080500-Pharmacy Technician/Assistant</td>
<td>Male</td>
<td>2015-2016</td>
<td>2016-2017</td>
</tr>
<tr>
<td></td>
<td>25.00% 1 / 4</td>
<td>0.00% 0 / 8</td>
<td>14.29% 1 / 7</td>
</tr>
<tr>
<td></td>
<td>17.65% 45 / 255</td>
<td>20.74% 39 / 188</td>
<td>19.07% 45 / 236</td>
</tr>
<tr>
<td>51080600-Physical Therapist Technician/Assistant</td>
<td>Male</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>34.21% 117 / 342</td>
<td>32.61% 121 / 371</td>
<td>38.46% 140 / 364</td>
</tr>
<tr>
<td>51090400-Emergency Medical Technology/Technician (EMT Paramedic)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

[1] CBM001, CBM002, CBM009, CBM00M
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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Target</td>
<td>90%</td>
<td>90%</td>
<td>90%</td>
<td>90%</td>
</tr>
<tr>
<td>State Target</td>
<td>18.00%</td>
<td>16.20%</td>
<td>16.50%</td>
<td>16.50%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Percentage of Underrepresented CTE Concentrators Completing Nontraditional Programs by Reporting Year [1]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program</td>
</tr>
<tr>
<td>51350000-Somatic Bodywork and Related Therapeutic Services</td>
</tr>
<tr>
<td>Male</td>
</tr>
<tr>
<td>Nonrad Gender</td>
</tr>
<tr>
<td>Institution</td>
</tr>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>51380000-Registered Nursing, Nursing Administration, Nursing Research</td>
</tr>
<tr>
<td>Male</td>
</tr>
<tr>
<td>Nonrad Gender</td>
</tr>
<tr>
<td>Institution</td>
</tr>
<tr>
<td>10.81%</td>
</tr>
<tr>
<td>51390000-Practical Nursing, Vocational Nursing and Nursing Assistants</td>
</tr>
<tr>
<td>Male</td>
</tr>
<tr>
<td>Nonrad Gender</td>
</tr>
<tr>
<td>Institution</td>
</tr>
<tr>
<td>8.00%</td>
</tr>
<tr>
<td>52020000-Business Administration, Management and Operations</td>
</tr>
<tr>
<td>Female</td>
</tr>
<tr>
<td>Nonrad Gender</td>
</tr>
<tr>
<td>Institution</td>
</tr>
<tr>
<td>88.89%</td>
</tr>
</tbody>
</table>

[1] CBM001, CBM002, CBM009, CBM00M
<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>100303-Prepress/Desktop Publishing and Digital Imaging Design</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
</tr>
<tr>
<td>110601-Data Entry/Microcomputer Applications, General</td>
<td>4-Business Management &amp; Administration</td>
</tr>
<tr>
<td>110602-Word Processing</td>
<td>4-Business Management &amp; Administration</td>
</tr>
<tr>
<td>120401-Cosmetology/Cosmetologist, General</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>120404-Electrolysis/Electrology and Electrolysis Technician</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>120406-Make-Up Artist/Specialist</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
</tr>
<tr>
<td>120407-Hair Styling/Stylist and Hair Design</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>120408-Facial Treatment Specialist/Facialist</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>120409-Aesthetician/Esthetician and Skin Care Specialist</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>120410-Nail Technician/Specialist and Manicurist</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>120411-Permanent Cosmetics/Makeup and Tattooing</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>120413-Cosmetology, Barber/Styling, and Nail Instructor</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>120414-Master Aesthetician/Esthetician</td>
<td>9-Hospitality &amp; Tourism</td>
</tr>
<tr>
<td>120499-Cosmetology and Related Personal Grooming Arts, Other</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>131001-Special Education and Teaching, General</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131003-Education/Teaching of Individuals with Hearing Impairments Including Deafness</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131005-Education/Teaching of Individuals with Emotional Disturbances</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131006-Education/Teaching of Individuals with Mental Retardation</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131007-Education/Teaching of Individuals with Multiple Disabilities</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131008-Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131009-Education/Teaching of Individuals with Vision Impairments Including Blindness</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131011-Education/Teaching of Individuals with Specific Learning Disabilities</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131012-Education/Teaching of Individuals with Speech or Language Impairments</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131013-Education/Teaching of Individuals with Autism</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131014-Education/Teaching of Individuals Who are Developmentally Delayed</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131015-Education/Teaching of Individuals in Early Childhood Special Education Programs</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131016-Education/Teaching of Individuals with Traumatic Brain Injuries</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131017-Education/Teaching of Individuals in Elementary Special Education Programs</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131018-Education/Teaching of Individuals in Junior High/Middle School Special Education Programs</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131019-Education/Teaching of Individuals in Secondary Special Education Programs</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131099-Special Education and Teaching, Other</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131202-Elementary Education and Teaching</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131203-Junior High/Intermediate/Middle School Education and Teaching</td>
<td>5-Education &amp; Training</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>131206-Teacher Education, Multiple Levels</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131209-Kindergarten/Preschool Education and Teaching</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131210-Early Childhood Education and Teaching</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131334-School Librarian/School Library Media Specialist</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>131501-Teacher Assistant/Aide</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>190501-Foods, Nutrition, and Wellness Studies, General</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>190504-Human Nutrition</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>190599-Foods, Nutrition, and Related Services, Other</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>190708-Child Care and Support Services Management</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>190709-Child Care Provider/Assistant</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>190902-Apparel and Textile Manufacture</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>220301-Legal Administrative Assistant/Secretary</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
</tr>
<tr>
<td>220302-Legal Assistant/Paralegal</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
</tr>
<tr>
<td>220303-Court Reporting/Court Reporter</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
</tr>
<tr>
<td>250101-Library and Information Science</td>
<td>5-Education &amp; Training</td>
</tr>
<tr>
<td>250102-Children and Youth Library Services</td>
<td>5-Education &amp; Training</td>
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<tr>
<td>250103-Archives/Archival Administration</td>
<td>5-Education &amp; Training</td>
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<tr>
<td>440701-Social Work</td>
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</tr>
<tr>
<td>440702-Youth Services/Administration</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>440799-Social Work, Other</td>
<td>10-Human Services</td>
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<tr>
<td>510201-Communication Sciences and Disorders, General</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510202-Audiology/Audiologist</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510203-Speech-Language Pathology/Pathologist</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510204-Audiology/Audiologist and Speech-Language Pathology/Pathologist</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510299-Communication Disorders Sciences and Services, Other</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510601-Dental Assisting/Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510602-Dental Hygiene/Hygienist</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510707-Health Information/Medical Records Technology/Technician</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510708-Medical Transcription/Transcriptionist</td>
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<tr>
<td>510710-Medical Office Assistant/Specialist</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510712-Medical Reception/Receptionian</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510713-Medical Insurance Coding Specialist/Coder</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510714-Medical Insurance Specialist/Medical Biller</td>
<td>8-Health Science</td>
</tr>
</tbody>
</table>

## Programs Leading to Employment in Nontraditional Fields for Males [1]

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>510716-Medical Administrative/Executive Assistant and Medical Secretary</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510801-Medical/Clinical Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510802-Clinical/Medical Laboratory Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510803-Occupational Therapist Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510805-Pharmacy Technician/Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510806-Physical Therapy Technician/Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510808-Veterinary/Animal Health Technology/Technician and Veterinary Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510809-Anesthesiologist Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510811-Pathology/Pathologist Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510812-Respiratory Therapy Technician/Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510813-Chiropractic Assistant/Technician</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510814-Radiologist Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>510815-Lactation Consultant</td>
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<tr>
<td>510816-Speech-Language Pathology Assistant</td>
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</tr>
<tr>
<td>510907-Medical Radiologic Technology/Science - Radiation Therapist</td>
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</tr>
<tr>
<td>510909-Surgical Technology/Technologist</td>
<td>8-Health Science</td>
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<tr>
<td>511001-Blood Bank Technology Specialist</td>
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<tr>
<td>511002-Cytotechnology/Cytotechnologist</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>511003-Hematology Technology/Technician</td>
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<tr>
<td>511004-Clinical/Medical Laboratory Technician</td>
<td>8-Health Science</td>
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<tr>
<td>511005-Clinical Laboratory Science/Medical Technology/Technologist</td>
<td>8-Health Science</td>
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<tr>
<td>511007-Histologic Technology/Histotechnologist</td>
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<tr>
<td>511008-Histologic Technician</td>
<td>8-Health Science</td>
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<tr>
<td>511009-Phlebotomy Technician/Phlebotomist</td>
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</tr>
<tr>
<td>511010-Cytogenetics/Genetics/Clinical Genetics Technology/Technologist</td>
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</tr>
<tr>
<td>511012-Sterile Processing Technology/Technician</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>511099-Clinical/Medical Laboratory Science and Allied Professions, Other</td>
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</tr>
<tr>
<td>511502-Psychiatric/Mental Health Services Technician</td>
<td>8-Health Science</td>
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<tr>
<td>511503-Clinical/Medical Social Work</td>
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</tr>
<tr>
<td>511802-Optometric Technician/Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>511803-Ophthalmic Technician/Technologist</td>
<td>8-Health Science</td>
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<tr>
<td>511804-Orthoptics/Orthoptist</td>
<td>8-Health Science</td>
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<tr>
<td>512306-Occupational Therapy/Therapist</td>
<td>8-Health Science</td>
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</table>

### Programs Leading to Employment in Nontraditional Fields for Males [1]

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>512309-Therapeutic Recreation/Recreational Therapy</td>
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</tr>
<tr>
<td>512601-Health Aide</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>512602-Home Health Aide/Home Attendant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>512603-Medication Aide</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>512604-Rehabilitation Aide</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513101-Dietetics/Dietitian</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513102-Clinical Nutrition/Nutritionian</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513103-Dietetic Technician</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513104-Dietitian Assistant</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513199-Dietetics and Clinical Nutrition Services, Other</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513501-Massage Therapy/Therapeutic Massage</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513502-Asian Bodywork Therapy</td>
<td>8-Health Science</td>
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<tr>
<td>513503-Somatic Bodywork</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513801-Registered Nursing/Registered Nurse</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513803-Adult Health Nurse/Nursing</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513805-Family Practice Nurse/Nursing</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513806-Maternal/Child Health and Neonatal Nurse/Nursing</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513808-Nursing Science</td>
<td>8-Health Science</td>
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<tr>
<td>513809-Pediatric Nurse/Nursing</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513810-Psychiatric/Mental Health Nurse/Nursing</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513811-Public Health/Community Nurse/Nursing</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513812-Perioperative/Operating Room and Surgical Nurse/Nursing</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513813-Clinical Nurse Specialist</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513814-Critical Care Nursing</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513815-Occupational and Environmental Health Nursing</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513816-Emergency Room/Trauma Nursing</td>
<td>8-Health Science</td>
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<tr>
<td>513818-Nursing Practice</td>
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<tr>
<td>513819-Palliative Care Nursing</td>
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<tr>
<td>513820-Clinical Nurse Leader</td>
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</tr>
<tr>
<td>513821-Geriatric Nurse/Nursing</td>
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<tr>
<td>513822-Women's Health Nurse/Nursing</td>
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<tr>
<td>513899-Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513901-Licensed Practical/Vocational Nurse Training</td>
<td>8-Health Science</td>
</tr>
</tbody>
</table>

### Programs Leading to Employment in Nontraditional Fields for Males [1]

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>513902-Nursing Assistant/Aide and Patient Care Assistant/Aide</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>513999-Practical Nursing, Vocational Nursing and Nursing Assistants, Other</td>
<td>8-Health Science</td>
</tr>
<tr>
<td>520302-Accounting Technology/Technician and Bookkeeping</td>
<td>6-Finance</td>
</tr>
<tr>
<td>520401-Administrative Assistant and Secretarial Science, General</td>
<td>4-Business Management &amp; Administration</td>
</tr>
<tr>
<td>520402-Executive Assistant/Executive Secretary</td>
<td>4-Business Management &amp; Administration</td>
</tr>
<tr>
<td>520406-Receptionist</td>
<td>4-Business Management &amp; Administration</td>
</tr>
<tr>
<td>520407-Business/Office Automation/Technology/Data Entry</td>
<td>4-Business Management &amp; Administration</td>
</tr>
<tr>
<td>520408-General Office Occupations and Clerical Services</td>
<td>4-Business Management &amp; Administration</td>
</tr>
<tr>
<td>520803-Banking and Financial Support Services</td>
<td>6-Finance</td>
</tr>
<tr>
<td>521903-Fashion Modeling</td>
<td>14-Marketing</td>
</tr>
<tr>
<td>521905-Tourism and Travel Services Marketing Operations</td>
<td>9-Hospitality &amp; Tourism</td>
</tr>
</tbody>
</table>

Programs Leading to Employment in Nontraditional Fields for Females [1]

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
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<td>010000-Agriculture, General</td>
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<tr>
<td>010101-Agricultural Business and Management, General</td>
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<td>010102-Agribusiness/Agricultural Business Operations</td>
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<td>010104-Farm/Farm and Ranch Management</td>
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<td>010105-Agricultural/Farm Supplies Retailing and Wholesaling</td>
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<td>010201-Agricultural Mechanization, General</td>
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<td>010204-Agricultural Power Machinery Operation</td>
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<tr>
<td>010205-Agricultural Mechanics and Equipment/Machine Technology</td>
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<td>010299-Agricultural Mechanization, Other</td>
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<tr>
<td>010301-Agricultural Production Operations, General</td>
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<td>010302-Animal/Livestock Husbandry and Production</td>
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<td>010303-Aquaculture</td>
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<td>010304-Crop Production</td>
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<td>010306-Dairy Husbandry and Production</td>
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<td>010307-Horse Husbandry/Equine Science and Management</td>
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<td>010308-Agroecology and Sustainable Agriculture</td>
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<td>010309-Viticulture and Enology</td>
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<td>010605-Landscaping and Groundskeeping</td>
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<td>010606-Plant Nursery Operations and Management</td>
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<td>010607-Turf and Turfgrass Management</td>
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<td>010902-Agricultural Animal Breeding</td>
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<td>010903-Animal Health</td>
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<td>010904-Animal Nutrition</td>
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<td>010906-Livestock Management</td>
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<td>010907-Poultry Science</td>
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<td>011102-Agronomy and Crop Science</td>
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<td>011103-Horticultural Science</td>
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<td>011104-Agricultural and Horticultural Plant Breeding</td>
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<td>011105-Plant Protection and Integrated Pest Management</td>
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<td>011106-Range Science and Management</td>
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<td>030205-Water, Wetlands, and Marine Resources Management</td>
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<td>030206-Land Use Planning and Management/Development</td>
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<td>030208-Natural Resources Law Enforcement and Protective Services</td>
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<td>030301-Fishing and Fisheries Sciences and Management</td>
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<td>030501-Forestry, General</td>
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<td>030502-Forest Sciences and Biology</td>
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<td>030506-Forest Management/Forest Resources Management</td>
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<td>030508-Urban Forestry</td>
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<tr>
<td>030509-Wood Science and Wood Products/Pulp and Paper Technology</td>
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<td>030510-Forest Resources Production and Management</td>
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<td>030599-Forestry, Other</td>
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<tr>
<td>030601-Wildlife, Fish and Wildlands Science and Management</td>
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<td>040201-Architecture</td>
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<td>040401-Environmental Design/Architecture</td>
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<td>040501-Interior Architecture</td>
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<td>040601-Landscape Architecture</td>
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<tr>
<td>040901-Architectural Technology/Technician</td>
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<tr>
<td>040902-Architectural and Building Sciences/Technology</td>
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<td>040999-Architectural Sciences and Technology, Other</td>
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<tr>
<td>100105-Communications Technology/Technician</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
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<td>100201-Photographic and Film/Video Technology/Technician and Assistant</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
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<tr>
<td>100202-Radio and Television Broadcasting Technology/Technician</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
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<tr>
<td>100203-Recording Arts Technology/Technician</td>
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<td>100299-Audiovisual Communications Technologies/Technicians, Other</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
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<td>100302-Printing Management</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
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<td>100307-Printing Press Operator</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
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<td>100399-Graphic Communications, Other</td>
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<td>110102-Artificial Intelligence</td>
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<td>110201-Computer Programming/Programmer, General</td>
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<td>110401-Information Science/Studies</td>
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<td>110804-Modeling, Virtual Environments and Simulation</td>
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<td>110901-Computer Systems Networking and Telecommunications</td>
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<td>111001-Network and System Administration/Administrator</td>
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<td>111002-System, Networking, and LAN/WAN Management/Manager</td>
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<td>111003-Computer and Information Systems Security/Information Assurance</td>
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<td>120302-Funeral Direction/Service</td>
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<td>120303-Mortuary Science and Embalming/Embalmer</td>
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<td>120402-Barbering/Barber</td>
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<td>120500-Cooking and Related Culinary Arts, General</td>
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<td>120503-Culinary Arts/Chef Training</td>
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<td>120509-Culinary Science/Culinology</td>
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<td>140101-Engineering, General</td>
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<td>140201-Aerospace, Aeronautical and Astronautical/Space Engineering</td>
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<td>140601-Ceramic Sciences and Engineering</td>
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<td>140701-Chemical Engineering</td>
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<td>140702-Chemical and Biomolecular Engineering</td>
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<td>140801-Civil Engineering, General</td>
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<td>140802-Geotechnical and Geoenvironmental Engineering</td>
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<td>140803-Structural Engineering</td>
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<td>140804-Transportation and Highway Engineering</td>
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<td>140805-Water Resources Engineering</td>
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<td>140903-Computer Software Engineering</td>
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<td>141001-Electrical and Electronics Engineering</td>
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<td>141004-Telecommunications Engineering</td>
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<td>141009-Electrical, Electronics and Communications Engineering, Other</td>
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<td>141201-Engineering Physics/Applied Physics</td>
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<td>141301-Engineering Science</td>
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<td>141401-Environmental/Environmental Health Engineering</td>
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<td>141801-Materials Engineering</td>
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<td>142501-Petroleum Engineering</td>
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<td>142701-Systems Engineering</td>
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### Programs Leading to Employment in Nontraditional Fields for Females [1]

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<td>143201-Polymer/Plastics Engineering</td>
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<td>143301-Construction Engineering</td>
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<td>143401-Forest Engineering</td>
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<td>143501-Industrial Engineering</td>
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<td>143601-Manufacturing Engineering</td>
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<td>143801-Surveying Engineering</td>
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<td>143901-Geological/Geophysical Engineering</td>
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<td>150305-Telecommunications Technology/Technician</td>
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<td>150306-Integrated Circuit Design</td>
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<td>150503-Energy Management and Systems Technology/Technician</td>
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<td>150508-Hazardous Materials Management and Waste Technology/Technician</td>
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<td>150612-Industrial Technology/Technician</td>
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<td>150613-Manufacturing Engineering Technology/Technician</td>
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<td>150614-Welding Engineering Technology/Technician</td>
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<tr>
<td>150615-Chemical Engineering Technology/Technician</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>150616-Semiconductor Manufacturing Technology</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>150699-Industrial Production Technologies/Technicians, Other</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>150801-Aeronautical/Aerospace Engineering Technology/Technician</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>150803-Automotive Engineering Technology/Technician</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>150805-Mechanical Engineering/Mechanical Technology/Technician</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>150899-Mechanical Engineering Related Technologies/Technicians, Other</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>150901-Mining Technology/Technician</td>
<td>1-Agriculture, Food &amp; Natural Resources</td>
</tr>
<tr>
<td>150903-Petroleum Technology/Technician</td>
<td>1-Agriculture, Food &amp; Natural Resources</td>
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<td>150999-Mining and Petroleum Technologies/Technicians, Other</td>
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<tr>
<td>151001-Construction Engineering Technology/Technician</td>
<td>2-Architecture &amp; Construction</td>
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<tr>
<td>151102-Surveying Technology/Surveying</td>
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<tr>
<td>151103-Hydraulics and Fluid Power Technology/Technician</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>151201-Computer Engineering Technology/Technician</td>
<td>13-Manufacturing</td>
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<tr>
<td>151202-Computer Technology/Computer Systems Technology</td>
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</tr>
<tr>
<td>151203-Computer Hardware Technology/Technician</td>
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</tr>
<tr>
<td>151204-Computer Software Technology/Technician</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>151301-Drafting and Design Technology/Technician, General</td>
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<tr>
<td>151302-CAD/CADD Drafting and/or Design Technology/Technician</td>
<td>13-Manufacturing</td>
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<tr>
<td>151303-Architectural Drafting and Architectural CAD/CADD</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>151304-Civil Drafting and Civil Engineering CAD/CADD</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>151305-Electrical/Electronics Drafting and Electrical/Electronics CAD/CADD</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>151306-Mechanical Drafting and Mechanical Drafting CAD/CADD</td>
<td>2-Architecture &amp; Construction</td>
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<tr>
<td>151339-Drafting/Design Engineering Technologies/Technicians, Other</td>
<td>2-Architecture &amp; Construction</td>
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<tr>
<td>151501-Engineering/Industrial Management</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>151502-Engineering Design</td>
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</table>

### Programs Leading to Employment in Nontraditional Fields for Females [1]

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
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<tbody>
<tr>
<td>151601-Nanotechnology</td>
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<tr>
<td>261104-Computational Biology</td>
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<tr>
<td>270301-Applied Mathematics, General</td>
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<tr>
<td>270303-Computational Mathematics</td>
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<tr>
<td>270304-Computational and Applied Mathematics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>270306-Mathematical Biology</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>270399-Applied Mathematics, Other</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>279999-Mathematics and Statistics, Other</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>303001-Computational Science</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>310302-Golf Course Operation and Grounds Management</td>
<td>1-Agriculture, Food &amp; Natural Resources</td>
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<tr>
<td>390601-Theology/Theological Studies</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>390602-Divinity/Ministry</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>390604-Pre-Theology/Pre-Ministerial Studies</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>390605-Rabbinical Studies</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>390699-Theological and Ministerial Studies, Other</td>
<td>10-Human Services</td>
</tr>
<tr>
<td>390701-Pastoral Studies/Counseling</td>
<td>10-Human Services</td>
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<tr>
<td>390702-Youth Ministry</td>
<td>10-Human Services</td>
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<tr>
<td>390703-Urban Ministry</td>
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<tr>
<td>400201-Astronomy</td>
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<tr>
<td>400202-Astrophysics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400203-Planetary Astronomy and Science</td>
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<tr>
<td>400299-Astronomy and Astrophysics, Other</td>
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<tr>
<td>400401-Atmospheric Sciences and Meteorology, General</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400402-Atmospheric Chemistry and Climatology</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400403-Atmospheric Physics and Dynamics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400404-Meteorology</td>
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<tr>
<td>400499-Atmospheric Sciences and Meteorology, Other</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400509-Environmental Chemistry</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400601-Geology/Earth Science, General</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400602-Geochemistry</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400603-Geophysics and Seismology</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400604-Paleontology</td>
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</table>

## Programs Leading to Employment in Nontraditional Fields for Females [1]

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>400606-Geochemistry and Petrology</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>400607-Oceanography, Chemical and Physical</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>400699-Geological and Earth Sciences/Geosciences, Other</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400801-Physics, General</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400802-Atomic/Molecular Physics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400804-Elementary Particle Physics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400805-Plasma and High-Temperature Physics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>400806-Nuclear Physics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>400807-Optics/Optical Sciences</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400808-Condensed Matter and Materials Physics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400809-Acoustics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400810-Theoretical and Mathematical Physics</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>400899-Physics, Other</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
</tr>
<tr>
<td>410205-Nuclear/Nuclear Power Technology/Technician</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>430103-Criminal Justice/Law Enforcement Administration</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
</tr>
<tr>
<td>430104-Criminal Justice/Safety Studies</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
</tr>
<tr>
<td>430107-Criminal Justice/Police Science</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
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<tr>
<td>430109-Security and Loss Prevention Services</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
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<tr>
<td>430119-Critical Incident Response/Special Police Operations</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
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<tr>
<td>430120-Protective Services Operations</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
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<tr>
<td>430122-Maritime Law Enforcement</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
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<tr>
<td>430201-Fire Prevention and Safety Technology/Technician</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
</tr>
<tr>
<td>430202-Fire Services Administration</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
</tr>
<tr>
<td>430203-Fire Science/Fire-fighting</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
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<tr>
<td>430205-Fire/Arson Investigation and Prevention</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
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<tr>
<td>430206-Wildland/Forest Firefighting and Investigation</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
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<tr>
<td>430299-Fire Protection, Other</td>
<td>12-Law, Public Safety, Corrections &amp; Security</td>
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<tr>
<td>450702-Geographic Information Science and Cartography</td>
<td>15-Science, Technology, Engineering &amp; Mathematics</td>
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<tr>
<td>460000-Construction Trades, General</td>
<td>2-Architecture &amp; Construction</td>
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<tr>
<td>460101-Mason/Masonry</td>
<td>2-Architecture &amp; Construction</td>
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<tr>
<td>460201-Carpentry/Carpenter</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460301-Electrical and Power Transmission Installer, General</td>
<td>2-Architecture &amp; Construction</td>
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</tbody>
</table>

Texas Higher Education Coordinating Board  
Perkins Data Resources for 2019-2020  
List of Programs Leading to Employment in Nontraditional Fields

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>460302-Electrician</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460303-Linework</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460399-Electrical and Power Transmission Installers, Other</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460401-Building/Property Maintenance</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460402-Concrete Finishing/Concrete Finish</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460403-Building/Home/Construction Inspection/Inspector</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460404-Drywall Installation/Drywaller</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460406-Glazier</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460408-Painting/Painter and Wall Coverer</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460410-Roofers</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460411-Metal Building Assembly/Assembler</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460412-Building/Construction Site Management/Manager</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460413-Carpet, Floor, and Tile Worker</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460414-Insulator</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460415-Building Construction Technology</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460502-Pipefitting/Pipefitter and Sprinkler Fitter</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460503-Plumbing Technology/Plumber</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460504-Well Drilling/Driller</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460505-Blasting/Blaster</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>460599-Plumbing and Related Water Supply Services, Other</td>
<td>2-Architecture &amp; Construction</td>
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<tr>
<td>470101-Electrical/Electronics Equipment Installation and Repair, General</td>
<td>13-Manufacturing</td>
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<tr>
<td>470102-Business Machine Repair</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>470103-Communications Systems Installation and Repair Technology</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
</tr>
<tr>
<td>470104-Computer Installation and Repair Technology/Technician</td>
<td>13-Manufacturing</td>
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<tr>
<td>470105-Industrial Electronics Technology/Technician</td>
<td>13-Manufacturing</td>
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<tr>
<td>470106-Appliance Installation and Repair Technology/Technician</td>
<td>13-Manufacturing</td>
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<tr>
<td>470110-Security System Installation, Repair, and Inspection Technology/Technician</td>
<td>2-Architecture &amp; Construction</td>
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<tr>
<td>470201-Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician</td>
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<tr>
<td>470302-Heavy Equipment Maintenance Technology/Technician</td>
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<tr>
<td>470303-Industrial Mechanics and Maintenance Technology</td>
<td>13-Manufacturing</td>
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<tr>
<td>470402-Gunsmithing/Gunsmith</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>470403-Locksmithing and Safe Repair</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>470404-Musical Instrument Fabrication and Repair</td>
<td>13-Manufacturing</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
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</thead>
<tbody>
<tr>
<td>470409-Parts and Warehousing Operations and Maintenance Technology/Technician</td>
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<tr>
<td>470499-Precision Systems Maintenance and Repair Technologies, Other</td>
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<tr>
<td>470600-Vehicle Maintenance and Repair Technologies, General</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<tr>
<td>470603-Autobody/Collision and Repair Technology/Technician</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>470604-Automobile/Automotive Mechanics Technology/Technician</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>470605-Diesel Mechanics Technology/Technician</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<tr>
<td>470606-Small Engine Mechanics and Repair Technology/Technician</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<tr>
<td>470607-Airframe Mechanics and Aircraft Maintenance Technology/Technician</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<tr>
<td>470608-Aircraft Powerplant Technology/Technician</td>
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<tr>
<td>470609-Avionics Maintenance Technology/Technician</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<td>470610-Bicycle Mechanics and Repair Technology/Technician</td>
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<tr>
<td>470612-Vehicle Emissions Inspection and Maintenance Technology/Technician</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<tr>
<td>470613-Medium/Heavy Vehicle and Truck Technology/Technician</td>
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<tr>
<td>470614-Alternative Fuel Vehicle Technology/Technician</td>
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<tr>
<td>470615-Engine Machinist</td>
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<tr>
<td>470616-Marine Maintenance/Fitter and Ship Repair Technology/Technician</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<tr>
<td>470617-High Performance and Custom Engine Technician/Mechanic</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<tr>
<td>470618-Recreation Vehicle (RV) Service Technician</td>
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<tr>
<td>480303-Upholstery/Upholsterer</td>
<td>13-Manufacturing</td>
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<tr>
<td>480304-Shoe, Boot and Leather Repair</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>480501-Machine Tool Technology/Machinist</td>
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</tr>
<tr>
<td>480503-Machine Shop Technology/Assistant</td>
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<tr>
<td>480506-Sheet Metal Technology/Sheetworking</td>
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<tr>
<td>480507-Tool and Die Technology/Technician</td>
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<tr>
<td>480508-Welding Technology/Welder</td>
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<tr>
<td>480509-Ironworking/Ironworker</td>
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<tr>
<td>480510-Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist</td>
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<tr>
<td>480511-Metal Fabricator</td>
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<tr>
<td>480701-Woodworking, General</td>
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<tr>
<td>480703-Cabinetmaking and Millwork</td>
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<tr>
<td>480799-Woodworking, Other</td>
<td>13-Manufacturing</td>
</tr>
<tr>
<td>480801-Boilermaking/Boilermaker</td>
<td>2-Architecture &amp; Construction</td>
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</table>

<table>
<thead>
<tr>
<th>CIP Code - Program Title</th>
<th>Career Cluster</th>
</tr>
</thead>
<tbody>
<tr>
<td>490101-Aeronautics/Aerospace Science and Technology, General</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>490102-Airline/Commercial/Professional Pilot and Flight Crew</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>490104-Aviation/Airway Management and Operations</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>490105-Air Traffic Controller</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<tr>
<td>490108-Flight Instructor</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>490202-Construction/Heavy Equipment/Earthmoving Equipment Operation</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>490205-Truck and Bus Driver/Commercial Vehicle Operator and Instructor</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>490206-Mobil Crane Operation/Operator</td>
<td>2-Architecture &amp; Construction</td>
</tr>
<tr>
<td>490207-Flagging and Traffic Control</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>490208-Railroad and Railway Transportation</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
</tr>
<tr>
<td>490303-Commercial Fishing</td>
<td>1-Agriculture, Food &amp; Natural Resources</td>
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<tr>
<td>490304-Diver, Professional and Instructor</td>
<td>2-Architecture &amp; Construction</td>
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<tr>
<td>490309-Marine Science/Merchant Marine Officer</td>
<td>16-Transportation, Distribution &amp; Logistics</td>
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<tr>
<td>500602-Cinematography and Film/Video Production</td>
<td>3-Arts, Audio/Video Technology &amp; Communications</td>
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<tr>
<td>500607-Documentary Production</td>
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### Programs Leading to Employment in Nontraditional Fields for Females [1]

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### Number of Program Awards by Reporting Year [1]

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[1] Source: CBM009
Texas Higher Education Coordinating Board  
Perkins Data Resources for 2019-2020 
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.

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[1] Source: Automated Student and Adult Learner Follow-Up System and CB116 Supplemental Follow-Up
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Data as of 12/18/2019

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Total Awards Offered: 34