



**SOUTH FLORIDA WORKFORCE INVESTMENT BOARD
GLOBAL TALENT AND COMPETITIVENESS (GTC)
COUNCIL MEETING
Thursday, December 14, 2017
8:00 AM**

Doubletree by Hilton Miami Airport Hotel &
Convention Center
711 NW 72nd Avenue
Miami, Florida 33126

AGENDA

1. Call to Order and Introductions
2. Approval of GTC Council Meeting Minutes
 - A. August 17, 2017
 - B. October 19, 2017
3. Recommendation as to Approval to Allocate Funds for a Mobile Workforce Assistance Center to expand workforce services
4. Recommendation as to Approval to Allocate Funds to The LaunchCode Foundation, Inc. for Information Technology Immersive CodeCamp Training
5. Recommendation as to Approval to Allocate funds to Miami-Dade College for the Future Banker's Training Program
6. Recommendation as to Approval of New Programs for Existing Training Vendors



SFWIB GLOBAL TALENT AND COMPETITIVENESS COUNCIL

AGENDA ITEM NUMBER: 2A

DATE: December 14, 2017 at 8:00AM

AGENDA ITEM SUBJECT: MEETING MINUTES

August 17, 2017 at 8:00 A.M.

Doubletree Hotel – Exhibition Center

711 N.W 72nd Avenue

Miami, FL 33126

COMMITTEE MEMBERS IN ATTENDANCE	SFWIB STAFF	OTHER ATTENDEES (AUDIENCE)
<ol style="list-style-type: none"> 1. Ferradaz, Gilda– <i>Chairwoman</i> 2. Baldwin, Cheryl 3. Brecheisen, Bruce 4. Brown, Clarence 5. del Valle, Juan Carlos, <i>Vice-Chairman</i> 6. Piedra, Obdulio 7. Roth, Thomas 8. Russo, Monica 9. Ludwig, Philipp 	<p>Beasley, Rick Graham, Tomara Gilbert, David Gonzalez, Frances</p>	<p>Cooper, Jaime – <i>New Horizons Inc.</i></p> <p>Drosdoweck, Laura – <i>Miami Dade College</i></p> <p>Fano, Shelly – <i>Miami Dade College</i></p> <p>Felix, Daniel – <i>Cuban National Council, Inc.</i></p> <p>Lopez, Sonia – <i>Cuban National Council Inc.</i></p>
<p>COMMITTEE MEMBERS NOT IN ATTENDANCE</p> <ol style="list-style-type: none"> 10. Gazitua, Luis 		<p>Morris, Carmen – <i>Miami-Dade County Commissioner Xavier Suarez</i></p> <p>Schleiden, David – <i>Miami-Dade County Public Schools</i></p> <p>Stimac, Al – <i>MTS</i></p> <p>Taylor, Kelvin- <i>Cuban National Council, Inc.</i></p>

Agenda items are displayed in the order they were discussed.

1. Call to Order

Global Talent and Competitiveness (GTC) Council Chairwoman Gilda Ferradaz called the meeting to order at 8:18am, asked all those present introduce themselves. She noted that a quorum had been achieved.

2. Recommendation as to Approval June 15, 2017 Meeting Minutes

Ms. Monica Russo moved the approval of June 15, 2017 meeting minutes. Motion seconded by Mr. Thomas Roth; Motion Passed Unanimously

3. Information – Subsequent Eligibility of Training Providers for Region 23

Chairwoman Gilda Ferradaz introduced the item and Business Services Manager Cheri Kavehersi further presented.

Chairwoman Ferradaz asked whether if training providers had been notified of changes. Ms. Kavehersi responded, “Yes” and explained that they were notified via correspondence sent by mail and electronically. Chairwoman Ferradaz asked whether if training providers would be able to reapply for programs that were removed due to noncompliance. Ms. Kavehersi responded “Yes” and explained following one year from initial date the program had been inactive.

Mr. Piedra inquired about an appeal process. SFWIB Quality Assurance Coordinator Frances Gonzalez explained that there is no appeal process and provided further details.

Ms. Baldwin inquired about the nursing accelerated program listed at zero attainment. Ms. Gonzalez further explained.

4. Recommendation as to Approval to Allocate Funds to Miami-Dade College for Culinary and Hospitality Certification Training

SFWIB Chairwoman Gilda Ferradaz introduced the item and Adults Program Manager, David Gilbert further presented. Chairwoman Ferradaz noted into record of Ms. Baldwin’s abstention during discussion and approval of this item. Ms. Kavehersi further presented the item.

[Ms. Cheryl Baldwin stepped out of the meeting room]

There was continued discussion.

Mr. Piedra verified the location of Miami Dade College Wolfson Campus in Downtown, Miami. Ms. Ferradaz confirmed the location.

Mr. Obdulio Piedra moved the approval to allocate funds to Miami-Dade College for Culinary and Hospitality Certification Training. Motion seconded by Mr. Bruce Brecheisen; Motion Passed Unanimously

[Ms. Cheryl Baldwin returned]

5. Recommendation as to Approval to Allocate Funds to Miami-Dade County Public Schools (M-DCPS) for Construction Technology and Private Security Officer Training

Chairwoman Ferradaz introduced the item.

Mr. Piedra asked whether this program would be located at D.A. Dorsey Educational Center. Ms. Kavehersi responded, "Yes".

Mr. Obdulio Piedra moved the approval to allocate funds to Miami-Dade County Public Schools for Construction and Technology and Private Security Officer training. Motion seconded by Mr. Bruce Brecheisen; **Further Discussion(s):**

Chairwoman Ferradaz inquired about the M-DCPS's current placement rate. Ms. Kavehersi provided details.

Mr. Roth questioned the 70% completion 70% placement and 70% training related placement requirements. Ms. Kavehersi explained.

Executive Director Rick Beasley appeared before the Council and provided details.

There was continued discussion.

Ms. Baldwin also shared her concern regarding M-DCPS not meeting the criteria.

Mr. Piedra recommended that all exceptions to policies should be clearly detailed in agenda items moving forward.

Roth also shared his concerns.

Motion Passed by Unanimous Consent with one opposition

6. Recommendation as to Approval of a New Training Vendor and Program

Chairwoman Ferradaz introduced the item and Mr. Beasley further presented.

Mr. Bruce Brecheisen moved the approval of a new training vendor and program. Motion seconded by Mr. Clarence Brown; **Motion Passed Unanimously**

7. Recommendation as to Approval of the Take Stock in Children Scholarship Program

Chairwoman Ferradaz introduced the item and Youth Programs Manager Tomara Graham further presented.

Mr. Clarence Brown moved the approval of the Take Stock in Children Scholarship Program. Motion seconded by Ms. Cheryl Baldwin; **Motion Passed Unanimously**

8. Recommendation as to Approval to Allocate Funds to Florida Keys Community College for the Career Training and Young Fatherhood Program

Chairwoman Ferradaz introduced the item and Ms. Kavehersi presented and read the item into record.

Mr. Brecheisen inquired about eligibility requirements and Ms. Kavehersi explained.

Mr. Obdulio Piedra moved the approval to allocate funds to Florida Keys Community College for the Career Training and Young Fatherhood Program. Motion seconded by Mr. del Valle; **Further Discussion:**

Mr. Brecheisen inquired about the average wage. Ms. Kavehersi explained and Mr. Beasley further explained that young adults in the keys minimum salaries start at \$15.00.

Mr. Brecheisen asked whether this would be a year round program and Mr. Beasley further explained the current partnerships with Florida Keys Community College and other entities.

Mr. Roth asked whether this program would potentially meet the 70% completion 70% placement and 70% training related placement requirements.

9. **Recommendation as to Approval to Allocate Funds to Miami Dade County Public Schools for a Youth Pre-Apprenticeship Career and Technical Training**

Chairwoman Ferradaz introduced the item and Ms. Graham presented. Mr. Beasley provided further details.

Mr. Piedra inquired about the duration of the program and it was explained.

Mr. Obdulio Piedra moved the approval to allocate funds to Miami-Dade County Public Schools for a Youth Pre-Apprenticeship Career and Technical Training. Motion seconded by Mr. del Valle; **Further Discussion:**

Chairwoman Ferradaz verified the schools and Mr. Beasley further explained.

Motion Passed Unanimously

Mr. Piedra requested an update on TechHire. Mr. Girnun provided a brief update.

There was continued discussion.

Carmen Morris of Miami-Dade County Commissioner Xavier L. Suarez office thanked the Council for the approval of item# 9.

There being no further business to come before the Committee, the meeting adjourned at 9:16am.



SFWIB GLOBAL TALENT AND COMPETITIVENESS COUNCIL

AGENDA ITEM NUMBER: 2B

DATE: December 14, 2017 at 8:00AM

AGENDA ITEM SUBJECT: MEETING MINUTES

October 19, 2017 at 8:00 A.M.
 Doubletree Hotel – Exhibition Center
 711 N.W 72nd Avenue
 Miami, FL 33126

COMMITTEE MEMBERS IN ATTENDANCE	SFWIB STAFF	OTHER ATTENDEES (AUDIENCE)
1. Ferradaz, Gilda– <i>Chairwoman</i> 2. Brecheisen, Bruce 3. Brown, Clarence 4. Roth, Thomas	Beasley, Rick Graham, Tomara	Daverman, Darnelle – <i>New Horizons, Inc.</i> Farinas, Irene – <i>Adults Mankind Organization, Inc.</i>
COMMITTEE MEMBERS NOT IN ATTENDANCE 5. del Valle, Juan Carlos, <i>Vice-Chairman</i> 6. Gazitua, Luis 7. Ludwig, Philipp 8. Piedra, Obdulio 9. Russo, Monica		Felipe, Daniel – <i>Cuban National Council, Inc.</i> GiBrooke, Monica – <i>F.W.I</i> Hernandez, Ana – <i>Cuban American National Council, Inc. (CNC)</i> Mendez, Jessy – <i>Community Coalition Inc. (CNC)</i>

Agenda items are displayed in the order they were discussed.

1. Call to Order

Global Talent and Competitiveness (GTC) Council Chairwoman Gilda Ferradaz called the meeting to order at 8:37am, asked all those present introduce themselves. She noted that a quorum had been achieved.

2. Recommendation as to Approval August 17, 2017 Meeting Minutes
Deferred due to lack of quorum

3. Information – Miami-Dade County Public Schools Summer Youth Internship Program Update

Chairwoman Gilda Ferradaz introduced the item and Youth Programs Manager Tomara Graham further presented.

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Mr. Brecheisen inquired about recommendations to improve and/or expand the program. Mr. Beasley provided details.

Mr. Roth inquired about the various type of work completed during the 30 hour work week. Ms. Graham provided details. Mr. Roth also inquired about the type of employers that hired the interns. Ms. Graham responded that employers consisted government, education, nonprofit, and private entities.

Mr. Beasley provided details on the intern's pay and payment processes.

There was continued discussion.

Mr. Roth also inquired about the amount that had been allocated for this program the prior year. Mr. Beasley a total of \$581,000. However, a total of \$1.3million had been committed to Miami-Dade County Public Schools (M-DCPS).

Mr. Brown asked whether if Miami-Dade County identified any potential funds for this program. Mr. Beasley responded, "Yes" half a million dollars.

4. Information – SFWIB Supply/Demand Matrix Update

SFWIB Chairwoman Gilda Ferradaz introduced the item and Mr. Beasley further presented.

He additionally noted that an aviation program managed by Miami Dade College would potentially be added to the list.

Mr. Brown inquired about the Chief Executive occupation listed in the low wage quadrant and Mr. Beasley provided details. Mr. Roth also inquired about occupations listed in low growth/low wage quadrant.

Mr. Brown also questioned EMT and Paramedic occupations minimum pay. Mr. Beasley explained that the projected wages are determined by the state of Florida. Business Services Manager Cheri Kavehersi provided details on the number of completion hours.

There was continued discussion.

5. Recommendation as to Approval of a Workforce Services – Special Population Contractor

Chairwoman Ferradaz introduced the item and Mr. Beasley further discussed.

He commended Transition, Inc. for doing a great job.

Mr. Roth inquired about the term “self-identified” with regards to scoring and Mr. Beasley explained.

There was continued discussion.

Item moved by consensus of the members present.

There being no further business to come before the Committee, the meeting adjourned at 9:08am.



SFWIB GLOBAL TALENT COMPETITIVENESS COUNCIL

DATE: 12/14/2017

AGENDA ITEM NUMBER: 3

AGENDA ITEM SUBJECT: MOBILE WORKFORCE ASSISTANCE CENTER

AGENDA ITEM TYPE: **APPROVAL**

RECOMMENDATION: SFWIB staff recommends to the Global Talent and Competitiveness Council to recommend to the Board, the approval to allocate an amount not to exceed \$50,989.45 in Workforce Services funding from SFWIB Reserve for expenses for a Mobile Workforce Assistance Center to expand services to Miami-Dade County and Monroe County communities, as set forth below.

STRATEGIC GOAL: **STRENGTHEN THE ONE-STOP DELIVERY SYSTEM**

STRATEGIC PROJECT: **Improve employment outcomes**

BACKGROUND:

The SouthFlorida Workforce Investment Board (SFWIB) provides employment and training services through its Mobile Assistance Workforce Centers in Miami-Dade and Monroe counties. CareerSource Central Florida (CSCF), located at 390 North Orange Avenue, Suite 700, Orlando, Florida 32801, is donating their Mobile Workforce Assistance Center to SFWIB. This addition to our current fleet will help expand the agencies outreach to the community. In the event of a funding reduction in PY 17/18, or a disaster, CSSF will still be able to provide services expeditiously.

On an average, CSSF Mobile Assistance Centers participates in 540 scheduled events and serves approximately 1,700 jobseekers annually. The six month operating expenses for the Mobile Unit is budgeted at \$50,989.45 in workforce services funding (i.e., TANF, WIOA, W-P, etc.) which includes: \$38,739.45 start up fees (i.e., CSSF brand mobile wrap, paint and body work, computers, tag and vehicle transfer) and \$12,250.00 recurring fees (i.e., internet services, janitorial service, auto insurance, maintainance and repairs).

FUNDING: Operating Expenses projected at \$50,989.45 dollars. The operating expenses will be cost allocated among workforce services funding (i.e., TANF, WIOA, W-P, UC, etc.).

PERFORMANCE: N/A

NO ATTACHMENT



SFWIB GLOBAL TALENT COMPETITIVENESS COUNCIL

DATE: 10/19/2017

AGENDA ITEM NUMBER: 4

AGENDA ITEM SUBJECT: LAUNCHCODE IMMERSIVE CODECAMP TRAINING

AGENDA ITEM TYPE: **APPROVAL**

RECOMMENDATION: SFWIB staff recommends to the Global Talent and Competitiveness Council to recommend the Board the approval to allocate an amount not to exceed \$200,000 in Workforce Innovation and Opportunity Act Adult funds to The LaunchCode Foundation, Inc. for the Immersive CodeCamp Training cohort, as set forth below.

STRATEGIC GOAL: **BUILD DEMAND-DRIVEN SYSTEM W/ EMPLOYER ENGAGEMENT**

STRATEGIC PROJECT: **Close the digital skills gap**

BACKGROUND:

The U.S. Department of Labor projects that one million jobs in programming alone will go unfilled by 2020. In Miami-Dade County, from 2016 - 2024, more than 3,200 new tech jobs are projected to become available with an additional 2,409 jobs opening due to attrition. Technology jobs typically require a college degree and three to five years of work experience in the field, making it a challenge for the average candidate to acquire the skill sets necessary to meet demand.

As part of the TechHire initiative, the South Florida Workforce Investment Board (SFWIB) formed a specialized collaborative partnership with The LaunchCode Foundation, Inc. (LaunchCode) to deliver a computer science and web development boot camp cohort, Immersive CodeCamp. The cohort provides participants with the technical skills and professional development training necessary to begin a career in software development and associated technology jobs. The training was developed to deliver a solid foundation in the most common areas of computer programming, and build on those core skills to help address the critical shortage of software development professionals in Miami-Dade County.

The Immersive CodeCamp consists of a total of 14 weeks, 560 hours of classroom training in computer science and web development that culminates in the completion of a capstone, web-based computer application. Upon successful completion, participants will receive a certificate of completion and the technical skills to be employed in entry-level positions within the industry.

The SFWIB will provide training-related funding and LaunchCode will provide relevant training and placement services. The cohort will prepare up to 20 SFWIB eligible participants for a total cost of \$200,000. The cost covers validating candidate skills, mentoring candidates, engaging employers, and matching candidates to employers.

LaunchCode will work to place successful participants into entry-level software development positions with employer partners including MasterCard, Carnival, AutoNation, Zumba, EveryMundo, Insurance Technologies, and others. Participants who are placed will earn an average salary of \$51,000 a year.

FUNDING: Workforce Innovation and Opportunity Act Adult

PERFORMANCE:

Number of Job Seekers Served - 20

Number of Cohorts - 1

Cost per Placement - \$10,000

Average Wage - \$24.52

Net Economic Benefit - \$41,000.60

Return on Investment - \$4.10

Economic Impact - \$820,032

ATTACHMENT



LaunchCode Immersive CodeCamp Computer Science and Web Development Proposed Training - July 1, 2017 to June 30th, 2018

About LaunchCode

LaunchCode is a national 501(c)(3) non-profit that provides training in computer science and web development at no cost to its students and helps place those students into software development.

Program Overview

As part of its mission to provide computer science and web development education at no-cost to participants, LaunchCode is offering a 14-week, full-time computer science and web development bootcamp program, known as Immersive CodeCamp. Immersive CodeCamp will:

- (1) provide qualified, eligible individuals with necessary technical skills and professional development training to enter a career in software development and associated technology jobs;
- (2) help address a critical shortage of software development professionals in Miami-Dade

Over the course of Immersive CodeCamp, students will spend 560 classroom hours learning the fundamentals of computer science and web development culminating in the completion of a capstone web-based computer application. (See attached syllabus).

Students who complete the course material will earn a certificate of completion from LaunchCode. And, LaunchCode will work to place graduates into entry level software development positions with employer partners including Mastercard, Carnival, Autonation, Zumba, EveryMundo, Insurance Technologies, and others with those placed earning an average salary of \$51,000 a year.

The course will take place at Cambridge Innovation Center Miami located at 1951 NW 7th Avenue, Miami, FL 33136, which is a co-working space occupied by several technology firms and will give students exposure to the technology job ecosystem while still studying. The course has one full-time lead instructor, two full-time teaching assistants, and associated support staff focusing on professional development and job placement.

Program Summary

- Number of participants: 20 participants per cohort
- Participant cost: \$10,000 per participant

- Expected number of cohorts: 1 cohort
- Cohort length: 14 weeks / Monday through Friday from 9:00 am to 5:00 pm daily
- Program Term: July 1, 2017 to June 30th, 2018

Phases and Costs for Immersive CodeCamp

PHASE 1 - CANDIDATE RECRUITMENT AND SCREENING

Approximate LaunchCode cost: \$22,500

Weeks 0-2

- LaunchCode activates online application for the class
 - Applicants will be able to sign up online and complete a screening process at a URL specially created for this class-
 - In-person outreach that drives interested individuals to apply online
- Activate network to encourage interested individuals in the target universe to apply for the class

Weeks of 3-8

- LaunchCode begins screening applicants -- Applicants who meet application qualifications are sent Pre-Work assignment to complete (on a rolling basis)
- Applicants who complete the Pre-Work are invited to an interview with LaunchCode (on a rolling basis)
- Screening interviews seek to ensure that learners selected for the class have the aptitude to successfully complete the course
- Applicants who complete initial screening and interview and are assessed as a good fit for the class will formally accepted and enrolled
- Upon enrollment, enrollees may need to confirm eligibility with CSSFL

Weeks 9-10

- LaunchCode, Employ Miami-Dade and CareerSource South Florida confer to discuss number of enrollees and assess outreach strategy -- Understand where we stand and whether we are on track to meet enrollment goal
- Diagnose which channels are generating most successful applicants
- Determine whether broader outreach and marketing are needed
- Applications close
- Final admissions decisions and eligibility determinations

PHASE 2 - CLASS IN SESSION

Approximate LaunchCode cost: \$130,000

Weeks 0-6

- Fundamentals of computer science
- Introduction of professional development curriculum

Weeks 7-10

- Fundamentals of web development
- Continuation of professional development and employer partner visit

Weeks 11-14

- Web development deep dive and capstone project
- Professional development deep dive and begin job interviews

PHASE 3 - POST-CLASS

Approximate LaunchCode cost: \$47,500

- Continue professional development and mentoring
- Continue finding job placement opportunities
- Analysis of program completion
- Analysis of employment status of program completers six months post-completion



SFWIB GLOBAL TALENT COMPETITIVENESS COUNCIL

DATE: 12/14/2017

AGENDA ITEM NUMBER: 5

AGENDA ITEM SUBJECT: FUTURE BANKER'S TRAINING PROGRAM

AGENDA ITEM TYPE: **APPROVAL**

RECOMMENDATION: SFWIB staff recommends to the Global Talent and Competitiveness Council to recommend to the Board the approval to allocate an amount not to exceed \$100,000 in Workforce Innovation and Opportunity Act Youth funding to support the Miami-Dade College Future Bankers Training Program, as set forth below.

STRATEGIC GOAL: **DEDICATED COMMITMENT TO YOUTH PARTICIPATION**

STRATEGIC PROJECT: **Enhance and Expand Job Readiness Skills for Youth**

BACKGROUND:

The Future Bankers Training Program is designed to motivate and tap into the talent of minority students in low income areas, and provide them with a promising Career Path in the Financial Service Industry. Upon completing the program, students are eligible to receive the American Bankers Association (ABA) and American Institute of Banking (AIB) Bank Tellers Certificates. Students that graduate high school are eligible for a Miami-Dade College Vocational Certificate, which allows them to work towards an Associate of Science degree in Financial Services. Students also participate in Industry Internships with partnering Financial Institutions.

The Future Bankers Training program partners with the Cuban American National Council (CNC) Youth Program to facilitate the recruitment of youth into the program. This innovative four week camp provides hands on experience for future students interested in a financial services career. The camp provides students with the opportunity to enhance math, communication, and financial literacy skills by completing an internship with a bank and receiving industry certification. With matching program dollars from various banking institutions, the Future Bankers Training Program for Program Year 2016-2017 provided an opportunity to 71 students as follows:

- 71 Juniors Enrolled in the Program
- 67 Completed 150 hours of Classroom Instructions
- 67 Participated in Internships
- 67 Received the ABA Bank Tellers Certification
- 25 Financial Institutions Provided Internship
- 13 High Schools Participated in the Program

The Future Bankers' Camp is supported by more than 25 local banks and is aligned with the school district's partnership and involvement in the One Community One Goal targeted Industry Implementation Plan.

This year's tracks will include a Teller and Customer Service Training. The Customer Service track includes a 3-credit class through MDC. Upon successful completion of the camp, students will be eligible to receive the American Bankers Association Bank Teller and Customer Service Representative Certificates. This national industry standard certificate meets the educational requirement for the certification exam offered by the Institute of Certified Bankers. Students who graduate can also work towards an Associate degree in Financial Services.

The Future Bankers Training Camp welcomes Miami-Dade County Public School students enrolled in the Academy of Finance programs at the following schools:

- Barbara Goleman Senior High School
- Coral Gables Senior High School
- Coral Reef Senior High School
- Hialeah Gardens Senior High
- Miami Edison Senior High
- Miami Jackson Senior High School
- Miami Sunset Senior High School
- North Miami Senior High
- North Miami Beach Senior High School
- Mater Academy East Charter High School
- William H. Turner Technical Arts High
- South Dade Senior High School
- Homestead Senior High School

In following the procurement process of Miami-Dade County Administrative Order No. 3-38, it is recommended that the SFWIB waive the competitive procurement, as it is recommended by the Executive Director that this is in the best interest of the SFWIB. A two-thirds (2/3) vote of the quorum present is required to waive the competitive procurement process and award to Miami-Dade College an allocation not to exceed \$100,000 in Workforce Innovation and Opportunity Act (WIOA) Youth funds for the Futures Bankers Training Program.

FUNDING: Workforce Innovation and Opportunity Act Youth

PERFORMANCE: N/A

NO ATTACHMENT



SFWIB GLOBAL TALENT COMPETITIVENESS COUNCIL

DATE: 12/14/2017

AGENDA ITEM NUMBER: 6

AGENDA ITEM SUBJECT: EXISTING TRAINING PROVIDERS AND PROGRAM

AGENDA ITEM TYPE: **APPROVAL**

RECOMMENDATION: SFWIB staff recommends to the Global Competitiveness Council to recommend to the Board the approval of New Programs for Existing Training Providers, as set forth below.

STRATEGIC GOAL: **HIGH ROI THROUGH CONTINUOUS IMPROVEMENT**

STRATEGIC PROJECT: **Improve credential outcomes for job seekers**

BACKGROUND:

Federal and state law permit regional workforce boards to independently develop criteria for the selection and maintenance of Training Providers and Programs. In Region 23, the current process to become an approved Training Provider requires staff to evaluate an applicant's programmatic capabilities. The Training Provider program documentation passed the SFWIB staff review process and is presented to the GTC Council for a recommendation for Board approval. Below is the request(s) of existing Training Provider(s) program additions for review and approval of the Council.

Request(s) to add New Program(s) for Existing Training Provider(s)::

1. College of Business & Technology, Inc.
Request to Add a program(s) to existing locations:
 - Hialeah Campus
 - Air Conditioning, Refrigeration, and Heating Technology – Associate in Science Degree
 - Flagler Campus
 - Air Conditioning, Refrigeration, and Heating Technology - Associate in Science Degree
 - Networking Administration - Associate in Science Degree
 - Electricity Technician - Diploma
2. The District Board of Trustees of Miami Dade College dba Miami Dade College
Request to Add a new program(s):
 - Professional Pilot Technology - Associate in Science Degree
 - Aviation Maintenance Management - Associate in Science Degree
 - International Freight Transportation – College Credit Certificate

FUNDING: N/A

PERFORMANCE: N/A

ATTACHMENT

Training Vendor Program Information for: College of Business and Technology - Flagler 8230 W. Flagler Street, Miami FL 33144

Note: ITAs are issued in accord with the SFWIB ITA Policy; the initial ITA may cover up to and including 50 percent of the program's maximum ITA amount; the subsequent ITA is issued upon the participant's arrival at the midpoint of the training program's life and may cover up to and including the remaining 50 percent of the program's maximum ITA amount. **Pell Grants:** All participants are required to apply for the Pell Grant and if Pell eligible and the program is a Pell eligible program, then the Pell Grant must be deducted from the total ITA amount. ITAs only cover up to one year of training and neither A.A. nor Bachelor degrees. **Refunds:** For guidance on issuing refunds, refer to the SFWIB Standardized Refund Policy. **Notice:** Case Managers shall advise participants that they may be required to obtain student loans and/or other grants to cover the cost of the program that they wish to enroll in if the ITA amount and the Pell Grant, if eligible for Pell, does not cover the full cost of the program. **SFWIB will not be responsible for any debts that the participant incurs.**

																			2017-2018 TOL Wage Rate			
Proposed Training Program	Credential	Location/Campus	Credit Hours	Clock Hours	Course Length (estimated in months)	Tuition Cost	Application Registration Fees Cost	Books Cost	Materials Cost	Uniforms Cost	Tools Cost	Testing Fees Cost	Certification Fees Cost	Licensing Fees Cost	Other Fees/ Costs	Total Program Costs	Pell Eligible (Yes/No)	CIP Code	2017-2018 TOL Related Occupations (SOC & Name)	Entry	Mean	Quadrant Category
AS Degree Program																						
Air Conditioning, Refrigeration and Heating Technology	AS Degree	Flagler	60	1065	20 months	\$29,880.00	\$150.00	\$1,820.00			\$815.00				\$2,017.00 lab/equipment fee \$120 - Student Services fee; \$100 - graduation fee	\$34,902.00	Yes	0615050100	49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$12.03	\$19.63	HG/LW
Networking Administration	AS Degree	Flagler	68	1145	24months	\$33,864.00	\$150.00	\$3,702.00			\$464.73		\$943.00		\$2,265.00 lab/Intyernet fee \$894.00 - Software Fees \$120 - Student Services fee; \$100 - graduation fee	\$42,502.73	Yes	0511090100	15-1142 - Network & Computer Systems Administrators	\$27.78	\$39.87	HG/HW
Diploma/Certificate Programs																						
Electricity Technician -	Diploma	Flagler	24	450	8 months	\$11,952.00	\$150.00	\$780.00			\$610.00				\$955.00 lab/equipment fee \$120 - Student Services fee; \$100 - graduation fee	\$14,667.00	Yes	0646030208	47-21111 - Electrician	\$12.05	\$24.41	HG/HW



COMMISSION FOR INDEPENDENT EDUCATION
PROVISIONAL LICENSE

This is to certify that
College of Business & Technology
8230 W. Flagler Street
Miami, Florida 33144
Is hereby licensed to offer postsecondary program(s) of instruction

Under the provisions of Chapter 1005, Florida Statutes and Chapter 6E, Florida Administrative Code for the period beginning:

Samuel J Ferguson
Executive Director

5/25/2017

3311
License Number

[Signature]
Commission Chairperson

This license is non-transferable, non-assumable, and shall be rendered null and void upon any change in ownership of the licensee.



Commission for Independent Education

Approved Data

College of Business & Technology (ID# 3311)

Corporation Data

Name: College of Business & Technology, Inc.
Foreign or Domestic: Domestic **Profit or Non Profit:** Profit

Address Data

8230 W. Flagler Street
 Miami, FL 33144
 Miami-Dade County

Contact Data

Contact: Ms. Mayra Nunez
Phone: (305) 273-4499 **Phone Ext:**
Fax: (786) 456-9958
E-Mail: Mayra.Nunez@cbt.edu
Web Site: www.cbt.edu

License Data

Lic #: 3311 **Campus Type:** Main
Lic Status: Provisional
Program Specialist: Brady Lyon
Annual Review Date: 3/31/2018

Accredited by:	Level of Accreditation:	Last Granted:	Renewal Date:	Next visit Scheduled:
ACICS	Institutional	08/26/2015	12/31/2021	01/01/2015

Program Title as Licensed:	Hours:		Degree Type:	Credential:
	Clock	Credit		
Air Conditioning and Refrigeration Technician	465	24		Diploma
Air Conditioning, Refrigeration, and Heating Technology	1065	60	AS	Associate in Science
Applied Management	720	72	AS	Associate in Science
Business Administration	1035	68	AS	Associate in Science
Computer Network Support Specialist	610	36		Diploma
Electrical Technology	1080	60	AS	Associate in Science
Electricity Technician	450	24		Diploma
Electronic Systems Technician - Low Voltage	465	24		Diploma
English as a Second Language	1080	36		Diploma
Networking Administration	1145	68	AS	Associate in Science
Office Management	375	24		Diploma

Brady Lyon
 Program Specialist
 Commission for Independent Education



College of Business & Technology (#3311)

8230 W. Flagler Street
Miami, FL 33144

[Map](#)

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License Status: Provisional

Licensed Since: 8/4/2005

Other Locations

Institution Name	Location	Campus
College of Business & Technology	Miami Gardens	Branch
College of Business & Technology	Hialeah	Branch
College of Business & Technology	Miami	Main
College of Business & Technology	Miami	Branch
College of Business & Technology - Cutler Bay	Cutler Bay	Branch

Accreditation

Accredited By

[ACICS](#)

Level of Accreditation

Institutional

Note: Accreditation generally means that a college or school has been evaluated by a group of educators, and meets the accrediting agency's standards. This process is VOLUNTARY for the college; it is not "required". However, accreditation is required for financial aid eligibility, recognition of degrees or credits by employers or other colleges, universities, or schools, easy transfer of credits, acceptance into another school, and other education-related opportunities.

Be aware that some so-called "accrediting agencies" may not be recognized by the U.S. Department of Education, or may even be bogus! A current listing of recognized "accrediting agencies" may be found on the [U.S. Department of Education's web site](#). Check with this office before you send money to any college, even if it claims to be accredited.

Programs Offered

Program Title	Credential	Clock Hours	Credit Hours	CIP Code
Business Administration	Associate in Science	1035	68	0552020102
Networking Administration	Associate in Science	1150	68	0511090100
Air Conditioning and Refrigeration Technician	Diploma	465	24	0647020102
Air Conditioning, Refrigeration, and Heating Technology	Associate in Science	1065	60	0615050100
Electricity Technician	Diploma	450	24	0646030208

Standard Occupational Code	Occupational Title	# of Persons in EFM w / Qualifications	# of Persons in Training based on PY17-18	# of Jobs in EFM PY17-18	Help Wanted Jobs	Annual Openings Base on LMI Data 2016-2024	Demand / Supply Rate (Short-Term)	Demand / Supply Rate (Long-Term)	Annual Growth Percentage Change	PY17-18 Average Hourly Wage	Quadrant Category		Education Level
											Growth Category	Wage Category	
151142	Network and Computer Systems Administrators	65	9	14	376	534	0.19	0.14	11.4%	38.47	High Growth	High Wage	Associate Degree
151143	Computer Network Architects	37	1	3	-	385	12.67	0.10	14.3%	33.85	High Growth	High Wage	Postsecondary Vocational
151151	Computer User Support Specialists	189	44	35	490	1,069	0.44	0.22	14.9%	22.37	High Growth	High Wage	Postsecondary Vocational
151152	Computer Network Support Specialists	43	6	7	-	272	7.00	0.18	13.6%	24.45	High Growth	High Wage	Postsecondary Vocational
151199	Computer Occupations, All Other	213	5	25	732	254	0.29	0.86	14.4%	39.48	High Growth	High Wage	Postsecondary Vocational
152031	Operations Research Analysts	22	-	9	-	351	2.44	0.06	24.6%	28.15	High Growth	High Wage	Master's or Higher Degree
152041	Statisticians	9	-	-	-	52	N/A	0.17	36.5%	28.87	High Growth	High Wage	Bachelor's Degree
171011	Architects, Except Landscape and Naval	25	-	3	-	399	8.33	0.06	17.9%	36.12	High Growth	High Wage	Master's or Higher Degree
171012	Landscape Architects	6	-	-	-	13	N/A	0.46	11.5%	33.96	High Growth	High Wage	Bachelor's Degree
171021	Cartographers and Photogrammetrists	3	-	-	-	37	N/A	0.08	41.1%	25.87	High Growth	High Wage	Bachelor's Degree
171022	Surveyors	10	-	1	-	113	10.00	0.09	10.1%	23.63	Low Growth	High Wage	Bachelor's Degree
172011	Aerospace Engineers	3	-	-	-	39	N/A	0.08	9.8%	45.17	Low Growth	High Wage	Bachelor's Degree
172021	Agricultural Engineers	1	-	-	-	2	N/A	0.50	0.0%	0.00	Low Growth	Low Wage	Bachelor's Degree
172031	Biomedical Engineers	5	-	-	-	60	N/A	0.08	22.0%	27.19	High Growth	High Wage	Bachelor's Degree
172051	Civil Engineers	24	-	24	238	992	0.09	0.02	18.5%	41.71	High Growth	High Wage	Bachelor's Degree
172061	Computer Hardware Engineers	12	-	1	-	67	12.00	0.18	11.4%	47.68	High Growth	High Wage	Bachelor's Degree
172071	Electrical Engineers	22	-	3	-	181	7.33	0.12	11.7%	36.60	High Growth	High Wage	Bachelor's Degree
172072	Electronics Engineers, Except Computer	7	-	1	-	91	7.00	0.08	0.0%	36.68	Low Growth	High Wage	Bachelor's Degree
172081	Environmental Engineers	6	-	2	-	58	3.00	0.10	13.8%	32.32	High Growth	High Wage	Bachelor's Degree
172111	Health and Safety Engineers, Except Mining	2	-	5	-	47	0.40	0.04	10.0%	31.85	Low Growth	High Wage	Bachelor's Degree
172112	Industrial Engineers	23	-	4	154	228	0.15	0.10	5.0%	31.64	Low Growth	High Wage	Bachelor's Degree
172141	Mechanical Engineers	37	-	8	-	223	4.63	0.17	14.5%	32.09	High Growth	High Wage	Bachelor's Degree
172199	Engineers, All Other	33	-	21	-	71	1.57	0.46	12.1%	35.68	High Growth	High Wage	Bachelor's Degree
173011	Architectural and Civil Drafters	28	-	10	-	195	2.80	0.14	9.6%	24.72	Low Growth	High Wage	Postsecondary Vocational
173012	Electrical and Electronics Drafters	4	-	-	-	32	N/A	0.13	25.0%	23.07	High Growth	High Wage	Postsecondary Vocational
173013	Mechanical Drafters	13	-	1	-	34	13.00	0.38	2.1%	23.24	Low Growth	High Wage	Postsecondary Vocational
173021	Aerospace Engineering and Operations Technicians	14	-	1	-	20	14.00	0.70	8.1%	33.10	Low Growth	High Wage	Associate Degree
173022	Civil Engineering Technicians	13	-	-	-	110	N/A	0.12	16.2%	26.63	High Growth	High Wage	Associate Degree
173023	Electrical and Electronics Engineering Technicians	46	-	4	-	172	11.50	0.27	5.0%	31.98	Low Growth	High Wage	Associate Degree
173025	Environmental Engineering Technicians	6	-	1	-	22	6.00	0.27	19.0%	19.11	High Growth	High Wage	Associate Degree
173026	Industrial Engineering Technicians	19	-	1	-	58	19.00	0.33	5.1%	22.90	Low Growth	High Wage	Postsecondary Vocational
173027	Mechanical Engineering Technicians	8	-	-	-	24	N/A	0.33	16.4%	23.50	High Growth	High Wage	Associate Degree
173029	Engineering Technicians, Except Drafters, All Other	65	16	1	-	54	81.00	1.50	3.4%	31.08	Low Growth	High Wage	Associate Degree
173031	Surveying and Mapping Technicians	10	-	-	-	74	N/A	0.14	4.4%	16.90	Low Growth	Low Wage	Postsecondary Vocational
191013	Soil and Plant Scientists	-	-	-	-	22	N/A	0.00	10.2%	27.74	Low Growth	High Wage	Bachelor's Degree
191022	Microbiologists	1	-	-	-	10	N/A	0.10	13.3%	24.98	High Growth	High Wage	Master's or Higher Degree
191023	Zoologists and Wildlife Biologists	1	-	-	-	36	N/A	0.03	1.3%	28.40	Low Growth	High Wage	Bachelor's Degree
191029	Biological Scientists, All Other	11	-	2	-	103	5.50	0.11	0.0%	38.83	Low Growth	High Wage	Bachelor's Degree
191031	Conservation Scientists	1	-	-	-	8	N/A	0.13	0.0%	44.98	Low Growth	High Wage	Bachelor's Degree
191042	Medical Scientists, Except Epidemiologists	14	-	3	284	49	0.05	0.29	11.9%	28.55	High Growth	High Wage	Master's or Higher Degree
192012	Physicists	-	-	-	-	5	N/A	0.00	9.1%	0.00	Low Growth	Low Wage	Master's or Higher Degree
192021	Atmospheric and Space Scientists	-	-	-	-	56	N/A	0.00	11.3%	44.73	High Growth	High Wage	Bachelor's Degree
192031	Chemists	14	-	-	-	49	N/A	0.29	5.1%	35.60	Low Growth	High Wage	Bachelor's Degree
192041	Environmental Scientists & Specialists, Including Health	17	-	1	-	171	17.00	0.10	15.3%	27.02	High Growth	High Wage	Bachelor's Degree
192042	Geoscientists, Except Hydrologists and Geographers	7	-	-	-	7	N/A	1.00	0.0%	52.04	Low Growth	High Wage	Bachelor's Degree
192043	Hydrologists	-	-	-	-	8	N/A	0.00	3.7%	0.00	Low Growth	Low Wage	Bachelor's Degree
192099	Physical Scientists, All Other	-	-	-	-	6	N/A	0.00	7.9%	39.12	Low Growth	High Wage	Bachelor's Degree
193022	Survey Researchers	7	-	1	-	18	7.00	0.39	19.1%	22.07	High Growth	High Wage	Bachelor's Degree
193031	Clinical, Counseling, and School Psychologists	16	-	-	-	230	N/A	0.07	21.2%	39.28	High Growth	High Wage	Master's or Higher Degree
193039	Psychologists, All Other	9	-	-	-	82	N/A	0.11	18.7%	49.06	High Growth	High Wage	Master's or Higher Degree
193051	Urban and Regional Planners	2	-	1	-	99	2.00	0.02	17.4%	33.82	High Growth	High Wage	Bachelor's Degree
193099	Social Scientists and Related Workers, All Other	10	-	-	-	30	N/A	0.33	1.4%	39.48	Low Growth	High Wage	Bachelor's Degree
194011	Agricultural and Food Science Technicians	13	-	-	-	11	N/A	1.18	5.7%	0.00	Low Growth	Low Wage	NA
194021	Biological Technicians	7	-	4	-	35	1.75	0.20	-0.7%	19.39	Low Growth	High Wage	Associate Degree
194031	Chemical Technicians	6	-	-	-	50	N/A	0.12	9.3%	18.61	Low Growth	Low Wage	Associate Degree
194091	Environmental Science Technicians, Including Health	6	-	2	-	93	3.00	0.06	10.3%	17.98	High Growth	Low Wage	Postsecondary Vocational
194092	Forensic Science Technicians	3	-	-	-	107	N/A	0.03	27.0%	28.55	High Growth	High Wage	Postsecondary Vocational
194093	Forest and Conservation Technicians	-	-	-	-	6	N/A	0.00	-5.8%	0.00	Low Growth	Low Wage	Postsecondary Vocational
194099	Life, Physical, and Social Science Technicians, All Other	70	1	2	-	156	35.50	0.46	9.6%	21.19	Low Growth	High Wage	Associate Degree
211011	Substance Abuse and Behavioral Disorder Counselors	22	-	2	-	125	11.00	0.18	15.3%	28.95	High Growth	High Wage	Bachelor's Degree
211012	Educational, Guidance, School, and Vocational Counselors	105	-	14	-	463	7.50	0.23	14.0%	26.73	High Growth	High Wage	Master's or Higher Degree
211013	Marriage and Family Therapists	10	-	1	-	176	10.00	0.06	22.3%	21.33	High Growth	High Wage	Master's or Higher Degree
211014	Mental Health Counselors	61	-	2	-	249	30.50	0.24	16.2%	25.16	High Growth	High Wage	Master's or Higher Degree
211015	Rehabilitation Counselors	19	-	6	-	117	3.17	0.16	9.3%	16.50	Low Growth	Low Wage	Bachelor's Degree
211019	Counselors, All Other	93	-	4	-	166	23.25	0.56	14.4%	28.01	High Growth	High Wage	Master's or Higher Degree
211021	Child, Family, and School Social Workers	100	-	1	-	398	100.00	0.25	11.2%	21.57	High Growth	High Wage	Master's or Higher Degree
211022	Healthcare Social Workers	41	-	3	-	345	13.67	0.12	19.0%	22.03	High Growth	High Wage	Master's or Higher Degree
211023	Mental Health and Substance Abuse Social Workers	32	-	1	110	169	0.29	0.19	19.2%	17.20	High Growth	Low Wage	Master's or Higher Degree
211091	Health Educators	30	-	1	-	101	30.00	0.30	11.0%	26.20	High Growth	High Wage	Bachelor's Degree

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											Growth Category	Wage Category	
433021	Billing and Posting Clerks	95	-	7	-	1,521	13.57	0.06	16.3%	16.48	High Growth	Low Wage	High School Diploma
433031	Bookkeeping, Accounting, and Auditing Clerks	315	-	33	275	1,202	1.02	0.26	-2.4%	17.88	Low Growth	Low Wage	Associate Degree
433041	Gaming Cage Workers	3	-	-	-	21	N/A	0.14	7.7%	9.56	Low Growth	Low Wage	High School Diploma
433051	Payroll and Timekeeping Clerks	47	-	4	-	229	11.75	0.21	1.7%	21.80	Low Growth	High Wage	High School Diploma
433061	Procurement Clerks	21	-	3	-	130	7.00	0.16	-0.9%	20.90	Low Growth	High Wage	High School Diploma
433071	Tellers	127	-	23	275	1,739	0.43	0.07	-3.6%	13.86	Low Growth	Low Wage	Postsecondary Vocational
433099	Financial Clerks, All Other	9	3	-	-	93	N/A	0.13	13.6%	18.39	High Growth	Low Wage	High School Diploma
434011	Brokerage Clerks	12	-	1	-	188	12.00	0.06	12.0%	25.02	High Growth	High Wage	High School Diploma
434031	Court, Municipal, and License Clerks	27	-	-	-	95	N/A	0.28	6.4%	17.89	Low Growth	Low Wage	High School Diploma
434051	Customer Service Representatives	2,297	7	169	1,121	8,935	1.79	0.26	12.0%	14.35	High Growth	Low Wage	Postsecondary Vocational
434061	Eligibility Interviewers, Government Programs	45	-	2	-	42	22.50	1.07	2.2%	15.94	Low Growth	Low Wage	High School Diploma
434071	File Clerks	81	1	1	-	489	82.00	0.17	-0.1%	14.95	Low Growth	Low Wage	High School Diploma
434081	Hotel, Motel, and Resort Desk Clerks	270	1	36	454	1,627	0.55	0.17	9.8%	11.82	Low Growth	Low Wage	High School Diploma
434111	Interviewers, Except Eligibility and Loan	36	-	1	-	330	36.00	0.11	6.4%	16.10	Low Growth	Low Wage	High School Diploma
434121	Library Assistants, Clerical	42	6	6	-	186	8.00	0.26	9.8%	12.95	Low Growth	Low Wage	Postsecondary Vocational
434131	Loan Interviewers and Clerks	34	-	9	-	403	3.78	0.08	9.4%	17.83	Low Growth	Low Wage	Postsecondary Vocational
434141	New Accounts Clerks	25	-	2	-	25	12.50	1.00	-2.3%	18.72	Low Growth	Low Wage	Postsecondary Vocational
434151	Order Clerks	18	-	1	-	411	18.00	0.04	1.3%	12.77	Low Growth	Low Wage	High School Diploma
434161	Human Resources Assistants, Exc. Payroll	93	1	2	-	145	47.00	0.65	4.3%	18.01	Low Growth	Low Wage	Postsecondary Vocational
434171	Receptionists and Information Clerks	583	1	43	141	3,866	3.17	0.15	11.7%	12.98	High Growth	Low Wage	High School Diploma
434181	Reservation and Ticket Agents and Travel Clerks	77	-	3	-	994	25.67	0.08	6.5%	16.99	Low Growth	Low Wage	High School Diploma
434199	Information and Record Clerks, All Other	10	-	-	-	1,481	N/A	0.01	9.1%	20.32	Low Growth	High Wage	High School Diploma
435011	Cargo and Freight Agents	86	-	16	-	1,188	5.38	0.07	14.4%	18.50	High Growth	Low Wage	Postsecondary Vocational
435021	Couriers and Messengers	50	-	-	-	187	N/A	0.27	11.2%	15.11	High Growth	Low Wage	Less than High School
435031	Police, Fire, and Ambulance Dispatchers	14	-	5	-	141	2.80	0.10	1.5%	23.84	Low Growth	High Wage	Postsecondary Vocational
435032	Dispatchers, Except Police, Fire, and Ambulance	92	2	14	-	603	6.71	0.16	8.4%	14.76	Low Growth	Low Wage	High School Diploma
435041	Meter Readers, Utilities	4	-	-	-	25	N/A	0.16	-14.0%	17.06	Low Growth	Low Wage	High School Diploma
435051	Postal Service Clerks	28	-	-	-	48	N/A	0.58	-22.8%	28.14	Low Growth	High Wage	High School Diploma
435052	Postal Service Mail Carriers	24	-	-	-	379	N/A	0.06	-23.0%	29.37	Low Growth	High Wage	High School Diploma
435053	Postal Service Mail Sorters and Processors	19	-	-	-	138	N/A	0.14	-29.2%	28.11	Low Growth	High Wage	High School Diploma
435061	Production, Planning, and Expediting Clerks	52	-	3	-	424	17.33	0.12	6.8%	20.92	Low Growth	High Wage	High School Diploma
435071	Shipping, Receiving, and Traffic Clerks	205	-	25	-	1,554	8.20	0.13	4.6%	13.24	Low Growth	Low Wage	Postsecondary Vocational
435081	Stock Clerks and Order Fillers	1,062	24	122	513	6,566	1.71	0.17	8.6%	11.03	Low Growth	Low Wage	High School Diploma
435111	Measurers, Checkers, and Samplers, Recordkeeping	27	-	2	-	102	13.50	0.26	4.9%	13.23	Low Growth	Low Wage	High School Diploma
436011	Executive Secretaries and Executive Admin. Assistants	423	7	37	554	679	0.73	0.63	0.6%	24.74	Low Growth	High Wage	Postsecondary Vocational
436012	Legal Secretaries	96	-	2	-	392	48.00	0.24	1.4%	20.63	Low Growth	High Wage	Postsecondary Vocational
436013	Medical Secretaries	100	6	16	302	832	0.33	0.13	17.0%	15.19	High Growth	Low Wage	Postsecondary Vocational
436014	Secretaries, Except Legal, Medical, and Executive	387	1	43	294	4,442	1.15	0.09	8.0%	15.39	Low Growth	Low Wage	Postsecondary Vocational
439011	Computer Operators	34	-	1	-	20	34.00	1.70	-14.0%	19.24	Low Growth	High Wage	Postsecondary Vocational
439021	Data Entry Keyers	170	2	10	-	303	17.20	0.57	2.8%	12.70	Low Growth	Low Wage	High School Diploma
439022	Word Processors and Typists	9	-	-	-	10	N/A	0.90	-5.6%	15.45	Low Growth	Low Wage	Postsecondary Vocational
439031	Desktop Publishers	-	-	-	-	17	N/A	0.00	-12.8%	15.97	Low Growth	Low Wage	Postsecondary Vocational
439041	Insurance Claims and Policy Processing Clerks	86	1	5	-	664	17.40	0.13	4.3%	17.87	Low Growth	Low Wage	High School Diploma
439051	Mail Clerks & Mail Machine Operators, Exc. Postal Service	37	-	-	-	121	N/A	0.31	-8.4%	13.41	Low Growth	Low Wage	High School Diploma
439061	Office Clerks, General	631	93	86	280	6,746	1.98	0.11	7.5%	12.79	Low Growth	Low Wage	High School Diploma
439071	Office Machine Operators, Except Computer	12	-	-	-	126	N/A	0.10	-3.3%	13.88	Low Growth	Low Wage	High School Diploma
439199	Office and Administrative Support Workers, All Other	148	2	10	-	252	15.00	0.60	8.2%	17.94	Low Growth	Low Wage	High School Diploma
452011	Agricultural Inspectors	10	-	-	-	8	N/A	1.25	-4.9%	0.00	Low Growth	Low Wage	Postsecondary Vocational
452041	Graders and Sorters, Agricultural Products	64	-	50	-	37	1.28	1.73	-9.2%	8.98	Low Growth	Low Wage	Less than High School
452091	Agricultural Equipment Operators	16	-	-	-	101	N/A	0.16	8.2%	12.71	Low Growth	Low Wage	Postsecondary Vocational
452092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	174	-	11	-	1,113	15.82	0.16	-5.2%	9.32	Low Growth	Low Wage	Less than High School
454011	Forest and Conservation Workers	3	-	-	-	5	N/A	0.60	0.0%	0.00	Low Growth	Low Wage	NA
471011	First-Line Superv. of Construction and Extraction Workers	54	-	17	135	1,065	0.36	0.05	17.9%	29.72	High Growth	High Wage	Associate Degree
472021	Brickmasons and Blockmasons	8	-	30	-	55	0.27	0.15	22.3%	21.33	High Growth	High Wage	Postsecondary Vocational
472031	Carpenters	174	1	20	-	1,596	8.75	0.11	16.5%	17.49	High Growth	Low Wage	Postsecondary Vocational
472044	Tile and Marble Setters	7	-	-	-	202	N/A	0.03	12.5%	11.94	High Growth	Low Wage	Postsecondary Vocational
472051	Cement Masons and Concrete Finishers	15	-	1	-	301	15.00	0.05	20.8%	15.02	High Growth	Low Wage	Postsecondary Vocational
472061	Construction Laborers	564	6	78	-	2,711	7.31	0.21	17.9%	13.42	High Growth	Low Wage	Less than High School
472071	Paving, Surfacing, and Tamping Equipment Operators	4	-	-	-	142	N/A	0.03	9.0%	15.05	Low Growth	Low Wage	High School Diploma
472072	Pile-Driver Operators	2	-	-	-	37	N/A	0.05	19.0%	28.98	High Growth	High Wage	Postsecondary Vocational
472073	Operating Engineers/Construction Equipment Operators	46	-	7	-	451	6.57	0.10	14.4%	17.71	High Growth	Low Wage	Postsecondary Vocational
472081	Drywall and Ceiling Tile Installers	12	-	-	-	168	N/A	0.07	19.0%	11.98	High Growth	Low Wage	Postsecondary Vocational
472111	Electricians	126	-	11	-	1,139	11.45	0.11	14.8%	22.08	High Growth	High Wage	Postsecondary Vocational
472121	Glaziers	12	-	-	-	77	N/A	0.16	13.6%	16.58	High Growth	Low Wage	Postsecondary Vocational
472131	Insulation Workers, Floor, Ceiling, and Wall	-	-	-	-	90	N/A	0.00	13.4%	15.16	High Growth	Low Wage	Postsecondary Vocational
472141	Painters, Construction and Maintenance	55	-	7	-	809	7.86	0.07	13.3%	15.27	High Growth	Low Wage	Postsecondary Vocational
472151	Pipelayers	4	-	2	-	106	2.00	0.04	13.2%	23.68	High Growth	High Wage	Postsecondary Vocational
472152	Plumbers, Pipefitters, and Steamfitters	80	-	8	-	440	10.00	0.18	13.9%	19.87	High Growth	High Wage	Postsecondary Vocational
472181	Roofers	16	-	18	-	505	0.89	0.03	21.3%	12.95	High Growth	Low Wage	Postsecondary Vocational

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											Growth Category	Wage Category	
499021	Heating, A.C., and Refrigeration Mechanics and Installers	63	-	12	-	1,048	5.25	0.06	15.4%	18.04	High Growth	Low Wage	Postsecondary Vocational
499031	Home Appliance Repairers	9	-	-	-	164	N/A	0.05	6.6%	15.37	Low Growth	Low Wage	Postsecondary Vocational
499041	Industrial Machinery Mechanics	13	1	5	-	425	2.80	0.03	17.7%	22.20	High Growth	High Wage	Postsecondary Vocational
499043	Maintenance Workers, Machinery	14	-	10	-	57	1.40	0.25	17.1%	14.95	High Growth	Low Wage	Postsecondary Vocational
499051	Electrical Power-Line Installers and Repairers	8	-	-	-	248	N/A	0.03	2.8%	25.84	Low Growth	High Wage	Postsecondary Vocational
499052	Telecommunications Line Installers and Repairers	32	-	12	-	97	2.67	0.33	2.5%	20.99	Low Growth	High Wage	Postsecondary Vocational
499062	Medical Equipment Repairers	3	-	1	-	169	3.00	0.02	17.4%	16.04	High Growth	Low Wage	Postsecondary Vocational
499071	Maintenance and Repair Workers, General	293	25	43	444	3,489	0.65	0.09	8.6%	15.07	Low Growth	Low Wage	Postsecondary Vocational
499091	Vending and Amusement Machine Servicers & Repairers	5	-	-	-	22	N/A	0.23	1.0%	13.12	Low Growth	Low Wage	High School Diploma
499094	Locksmiths and Safe Repairers	1	-	-	-	273	N/A	0.00	-6.8%	14.82	Low Growth	Low Wage	Postsecondary Vocational
499097	Signal and Track Switch Repairers	-	-	-	-	7	N/A	0.00	10.0%	0.00	Low Growth	Low Wage	High School Diploma
499098	Helpers - Installation, Maintenance, and Repair Workers	143	8	8	-	400	18.88	0.38	9.8%	9.74	Low Growth	Low Wage	Less than High School
499099	Installation, Maintenance, and Repair Workers, All Other	22	39	1	-	328	61.00	0.19	10.2%	13.16	Low Growth	Low Wage	High School Diploma
511011	First-Line Superv. of Production and Operating Workers	191	1	14	172	509	1.03	0.38	2.3%	25.48	Low Growth	High Wage	Postsecondary Vocational
512021	Coil Winders, Tapers, and Finishers	1	-	1	-	8	1.00	0.13	5.8%	16.14	Low Growth	Low Wage	Less than High School
512022	Electrical and Electronic Equipment Assemblers	26	1	6	-	175	4.50	0.15	5.2%	14.04	Low Growth	Low Wage	Postsecondary Vocational
512041	Structural Metal Fabricators and Fitters	10	-	1	-	133	10.00	0.08	15.6%	15.16	High Growth	Low Wage	Postsecondary Vocational
512091	Fiberglass Laminators and Fabricators	3	-	-	-	32	N/A	0.09	-1.6%	11.83	Low Growth	Low Wage	Postsecondary Vocational
512092	Team Assemblers	57	-	23	-	1,131	2.48	0.05	3.0%	11.18	Low Growth	Low Wage	High School Diploma
512099	Assemblers and Fabricators, All Other	66	1	4	-	234	16.75	0.29	14.0%	9.89	High Growth	Low Wage	Postsecondary Vocational
513011	Bakers	88	-	9	-	753	9.78	0.12	11.6%	11.63	High Growth	Low Wage	Postsecondary Vocational
513021	Butchers and Meat Cutters	44	2	4	-	531	11.50	0.09	11.0%	12.62	High Growth	Low Wage	High School Diploma
513022	Meat, Poultry, and Fish Cutters and Trimmers	9	-	-	-	184	N/A	0.05	4.7%	10.01	Low Growth	Low Wage	Less than High School
513023	Slaughtering and Meat Packers	5	-	-	-	26	N/A	0.19	-2.3%	9.68	Low Growth	Low Wage	Postsecondary Vocational
513091	Food & Tobacco Baking and Drying Machine Operators	-	-	-	-	21	N/A	0.00	8.0%	12.38	Low Growth	Low Wage	Less than High School

**Training Vendor Program Information for: _College of Business and Technology - Hialeah
935 W. 49th Street, Hialeah FL 33012_____**

Note: ITAs are issued in accord with the SFWIB ITA Policy; the initial ITA may cover up to and including 50 percent of the program's maximum ITA amount; the subsequent ITA is issued upon the participant's arrival at the midpoint of the training program's life and may cover up to and including the remaining 50 percent of the program's maximum ITA amount. **Pell Grants:** All participants are required to apply for the Pell Grant and if Pell eligible and the program is a Pell eligible program, then the Pell Grant must deducted from the total ITA amount. ITAs only cover up to one year of training and neither A.A. nor Bachelor degrees. **Refunds:** For guidance on issuing refunds, refer to the SFWIB Standardized Refund Policy. **Notice:** Case Managers shall advise participants that they may be required to obtain student loans and/or other grants to cover the cost of the program that they wish to enroll in if the ITA amount and the Pell Grant, if eligible for Pell, does not cover the full cost of the program. **SFWIB will not be responsible for any debts that the participant incurs.**

																			2017-2018 TOL Wage Rate			
Proposed Training Program	Credential	Location/ Campus	Credit Hours	Clock Hours	Course Length (estimated in months)	Tuition Cost	Application Registration Fees Cost	Books Cost	Materials Cost	Uniforms Cost	Tools Cost	Testing Fees Cost	Certification Fees Cost	Licensing Fees Cost	Other Fees/ Costs	Total Program Costs	Pell Eligible (Yes/No)	CIP Code	2017-2018 TOL Related Occupations (SOC & Name)	Entry	Mean	Quadrant Category
AS Degree Program																						
Air Conditioning, Refrigeration and Heating Technology	AS Degree	Hialeah	60	1065	20 months	\$29,880.00	\$150.00	\$1,820.00			\$815.00				\$2,017.00 lab/equipment fee \$120 - Student Services fee, \$100 - graduation fee	\$34,902.00	Yes	0615050100	49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$12.03	\$19.63	HG/LW



COMMISSION FOR INDEPENDENT EDUCATION
PROVISIONAL LICENSE

This is to certify that
College of Business & Technology
935 West 49th Street, Suite 100-108 and Second Floor
Hialeah, Florida 33012
Is hereby licensed to offer postsecondary program(s) of instruction

Under the provisions of Chapter 1005, Florida Statutes and Chapter 6E, Florida Administrative Code for the period beginning:

Samuel J Ferguson
Executive Director

5/25/2017

3311
License Number

[Signature]
Commission Chairperson

This license is non-transferable, non-assumable, and shall be rendered null and void upon any change in ownership of the licensee.



Commission for Independent Education

Approved Data

College of Business & Technology (ID# 3312)

Corporation Data

Name: College of Business & Technology, Inc.
 Foreign or Domestic: Domestic Profit or Non Profit: Profit

Address Data

935 West 49th Street, Suite 100-108 and Second Floor
 Hialeah, FL 33012
 Miami-Dade County

Contact Data

Contact: Ms. Muriel Gutierrez
 Phone: (305) 273-4499 Phone Ext:
 Fax: (305) 827-9955
 E-Mail: Muriel.Gutierrez@cbt.edu
 Web Site: www.cbt.edu

License Data

Lic #: 3311 Campus Type: Branch
 Lic Status: Provisional
 Program Specialist: Brady Lyon
 Annual Review Date: 3/31/2018

Accredited by:	Level of Accreditation:	Last Granted:	Renewal Date:	Next visit Scheduled:
ACICS	Institutional	08/26/2015	12/31/2021	09/15/2015

Program Title as Licensed:	Hours:		Degree Type:	Credential:
	Clock	Credit		
Air Conditioning and Refrigeration Technician	465	24		Diploma
Air Conditioning, Refrigeration, and Heating Technology	1065	60	AS	Associate in Science
Applied Management	720	72	AS	Associate in Science
Business Administration	1040	68	AS	Associate in Science
Computer Network Support Specialist	610	36		Diploma
Electrical Technology	1080	60	AS	Associate in Science
Electricity Technician	450	24		Diploma
Electronic Systems Technician - Low Voltage	465	24		Diploma
English as a Second Language	1080	36		Diploma
Networking Administration	1145	68	AS	Associate in Science
Office Management	380	24		Diploma

Brady Lyon
 Program Specialist
 Commission for Independent Education



College of Business & Technology (#3312)

935 West 49th Street, Suite 100-108 and Second Floor
Hialeah, FL 33012

[Map](#)

Contact: Muriel Gutierrez

Phone: (305) 273-4499

Fax: (305)827-9955

Email: Muriel.Gutierrez@cbt.edu

Website: www.cbt.edu

License Status: Provisional

Licensed Since: 4/1/2005

Other Locations

Institution Name	Location	Campus
College of Business & Technology	Miami Gardens	Branch
College of Business & Technology	Hialeah	Branch
College of Business & Technology	Miami	Main
College of Business & Technology	Miami	Branch
College of Business & Technology - Cutler Bay	Cutler Bay	Branch

Accreditation

Accredited By

[ACICS](#)

Level of Accreditation

Institutional

Note: Accreditation generally means that a college or school has been evaluated by a group of educators, and meets the accrediting agency's standards. This process is VOLUNTARY for the college; it is not "required". However, accreditation is required for financial aid eligibility, recognition of degrees or credits by employers or other colleges, universities, or schools, easy transfer of credits, acceptance into another school, and other education-related opportunities.

Be aware that some so-called "accrediting agencies" may not be recognized by the U.S. Department of Education, or may even be bogus! A current listing of recognized "accrediting agencies" may be found on the [U.S. Department of Education's web site](#). Check with this office before you send money to any college, even if it claims to be accredited.

Programs Offered

Program Title	Credential	Clock Hours	Credit Hours	CIP Code
Networking Administration	Associate in Science	1150	68	0511090100
Business Administration	Associate in Science	1040	68	0552020102
Air Conditioning and Refrigeration Technician	Diploma	465	24	0647020102
Air Conditioning, Refrigeration, and Heating Technology	Associate in Science	1065	60	0615050100
Electricity Technician	Diploma	450	24	0646030208

Standard Occupational Code	Occupational Title	# of Persons in EFM w / Qualifications	# of Persons in Training based on PY17-18	# of Jobs in EFM PY17-18	Help Wanted Jobs	Annual Openings Base on LMI Data 2016-2024	Demand / Supply Rate (Short-Term)	Demand / Supply Rate (Long-Term)	Annual Growth Percentage Change	PY17-18 Average Hourly Wage	Quadrant Category		Education Level
											Growth Category	Wage Category	
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499031	Home Appliance Repairers	9	-	-	-	164	N/A	0.05	6.6%	15.37	Low Growth	Low Wage	Postsecondary Vocational
499041	Industrial Machinery Mechanics	13	1	5	-	425	2.80	0.03	17.7%	22.20	High Growth	High Wage	Postsecondary Vocational
499043	Maintenance Workers, Machinery	14	-	10	-	57	1.40	0.25	17.1%	14.95	High Growth	Low Wage	Postsecondary Vocational
499051	Electrical Power-Line Installers and Repairers	8	-	-	-	248	N/A	0.03	2.8%	25.84	Low Growth	High Wage	Postsecondary Vocational
499052	Telecommunications Line Installers and Repairers	32	-	12	-	97	2.67	0.33	2.5%	20.99	Low Growth	High Wage	Postsecondary Vocational
499062	Medical Equipment Repairers	3	-	1	-	169	3.00	0.02	17.4%	16.04	High Growth	Low Wage	Postsecondary Vocational
499071	Maintenance and Repair Workers, General	293	25	43	444	3,489	0.65	0.09	8.6%	15.07	Low Growth	Low Wage	Postsecondary Vocational
499091	Vending and Amusement Machine Servicers & Repairers	5	-	-	-	22	N/A	0.23	1.0%	13.12	Low Growth	Low Wage	High School Diploma
499094	Locksmiths and Safe Repairers	1	-	-	-	273	N/A	0.00	-6.8%	14.82	Low Growth	Low Wage	Postsecondary Vocational
499097	Signal and Track Switch Repairers	-	-	-	-	7	N/A	0.00	10.0%	0.00	Low Growth	Low Wage	High School Diploma
499098	Helpers - Installation, Maintenance, and Repair Workers	143	8	8	-	400	18.88	0.38	9.8%	9.74	Low Growth	Low Wage	Less than High School
499099	Installation, Maintenance, and Repair Workers, All Other	22	39	1	-	328	61.00	0.19	10.2%	13.16	Low Growth	Low Wage	High School Diploma
511011	First-Line Superv. of Production and Operating Workers	191	1	14	172	509	1.03	0.38	2.3%	25.48	Low Growth	High Wage	Postsecondary Vocational
512021	Coil Winders, Tapers, and Finishers	1	-	1	-	8	1.00	0.13	5.8%	16.14	Low Growth	Low Wage	Less than High School
512022	Electrical and Electronic Equipment Assemblers	26	1	6	-	175	4.50	0.15	5.2%	14.04	Low Growth	Low Wage	Postsecondary Vocational
512041	Structural Metal Fabricators and Fitters	10	-	1	-	133	10.00	0.08	15.6%	15.16	High Growth	Low Wage	Postsecondary Vocational
512091	Fiberglass Laminators and Fabricators	3	-	-	-	32	N/A	0.09	-1.6%	11.83	Low Growth	Low Wage	Postsecondary Vocational
512092	Team Assemblers	57	-	23	-	1,131	2.48	0.05	3.0%	11.18	Low Growth	Low Wage	High School Diploma
512099	Assemblers and Fabricators, All Other	66	1	4	-	234	16.75	0.29	14.0%	9.89	High Growth	Low Wage	Postsecondary Vocational
513011	Bakers	88	-	9	-	753	9.78	0.12	11.6%	11.63	High Growth	Low Wage	Postsecondary Vocational
513021	Butchers and Meat Cutters	44	2	4	-	531	11.50	0.09	11.0%	12.62	High Growth	Low Wage	High School Diploma
513022	Meat, Poultry, and Fish Cutters and Trimmers	9	-	-	-	184	N/A	0.05	4.7%	10.01	Low Growth	Low Wage	Less than High School
513023	Slaughtering and Meat Packers	5	-	-	-	26	N/A	0.19	-2.3%	9.68	Low Growth	Low Wage	Postsecondary Vocational
513091	Food & Tobacco Baking and Drying Machine Operators	-	-	-	-	21	N/A	0.00	8.0%	12.38	Low Growth	Low Wage	Less than High School

2017-18 Regional Demand Occupations List

Sorted by Occupational Title

Workforce Development Area 23 - Miami-Dade and Monroe Counties

Workforce Estimating Conference Selection Criteria:

- 1 FLDOE Training Code 3 (PSAV Certificate), 4 (Community College Credit/Degree), or 5 (Bachelor's Degree)
- 2 25 annual openings and positive growth
- 3 Mean Wage of \$14.76/hour and Entry Wage of \$12.00/hour
- 4 High Skill/High Wage (HSHW) Occupations:
Mean Wage of \$23.13/hour and Entry Wage of \$14.76/hour

SOC Code†	HSHW††	Occupational Title†	Annual		2016 Hourly Wage		FLDOE Training Code	In EFI Targeted Industry?	Data Source†††
			Percent Growth	Annual Openings	Mean	Entry			
132011	HSHW	Accountants and Auditors	1.72	628	35.21	21.91	5	Yes	R
113011	HSHW	Administrative Services Managers	1.44	51	59.92	34.06	4	Yes	R
413011		Advertising Sales Agents	0.51	468	27.07	13.34	3	Yes	S
493011	HSHW	Aircraft Mechanics and Service Technicians	0.92	114	27.61	16.96	3	Yes	R
532011	HSHW	Airline Pilots, Copilots, and Flight Engineers	NR	NR	91.02	51.72	4	Yes	R
119041	HSHW	Architectural and Engineering Managers	2.00	49	64.35	38.19	5	Yes	R
274011		Audio and Video Equipment Technicians	1.69	40	18.95	13.15	4	Yes	R
493021		Automotive Body and Related Repairers	1.31	46	18.14	12.09	3	No	R
493023		Automotive Service Technicians and Mechanics	1.15	2,014	18.92	11.84	3	No	S
472021		Brickmasons and Blockmasons	3.22	180	17.35	13.47	3	No	S
493031		Bus and Truck Mechanics and Diesel Engine Specialists	1.62	44	23.34	14.66	3	Yes	R
533021		Bus Drivers, Transit and Intercity	1.09	43	20.33	13.95	3	Yes	R
131199	HSHW	Business Operations Specialists, All Other	1.47	291	31.72	18.19	4	No	R
251011	HSHW	Business Teachers, Postsecondary	1.55	26	60.56	27.75	5	No	R
535021	HSHW	Captains, Mates, and Pilots of Water Vessels	1.06	28	35.86	19.54	3	Yes	R
292031		Cardiovascular Technologists and Technicians	2.50	34	22.59	14.14	3	Yes	R
435011		Cargo and Freight Agents	1.80	149	20.67	12.96	3	Yes	R
472031		Carpenters	1.79	1,780	17.93	12.24	3	No	S
472051		Cement Masons and Concrete Finishers	2.70	497	16.88	12.30	3	No	S
351011	HSHW	Chefs and Head Cooks	1.51	45	26.98	16.42	3	No	R
111011	HSHW	Chief Executives	0.81	81	103.56	53.22	5	Yes	R
172051	HSHW	Civil Engineers	2.31	124	44.34	27.45	5	Yes	R
131031	HSHW	Claims Adjusters, Examiners, and Investigators	0.63	79	28.04	17.92	3	Yes	R
532012	HSHW	Commercial Pilots	0.98	38	54.93	26.11	3	Yes	R
131041	HSHW	Compliance Officers	0.20	57	35.32	22.58	3	No	R
113021	HSHW	Computer and Information Systems Managers	2.04	48	69.26	46.59	5	Yes	R
151143	HSHW	Computer Network Architects	1.79	48	34.90	23.75	3	Yes	R
151152	HSHW	Computer Network Support Specialists	1.70	34	28.01	18.72	3	Yes	R
151121	HSHW	Computer Systems Analysts	2.97	103	47.45	25.92	4	Yes	R
151151	HSHW	Computer User Support Specialists	1.86	134	24.02	15.18	3	Yes	R
474011	HSHW	Construction and Building Inspectors	2.58	68	30.87	20.86	3	No	R
119021	HSHW	Construction Managers	1.53	116	46.86	24.93	4	No	R
333012	HSHW	Correctional Officers and Jailers	0.70	179	27.32	17.99	3	No	R
131051	HSHW	Cost Estimators	1.66	66	24.54	15.70	4	No	R
132041	HSHW	Credit Analysts	0.95	27	36.11	22.81	3	Yes	R
151141	HSHW	Database Administrators	1.66	29	40.25	25.42	4	Yes	R
319091		Dental Assistants	2.10	817	17.71	12.92	3	Yes	S
292021	HSHW	Dental Hygienists	2.04	41	27.87	21.45	4	Yes	R
292032	HSHW	Diagnostic Medical Sonographers	3.20	41	29.15	21.44	3	Yes	R
119032	HSHW	Education Administrators, Elementary and Secondary	1.80	28	46.11	32.58	5	No	R
499051	HSHW	Electrical Power-Line Installers and Repairers	0.35	30	25.62	16.69	3	No	R
472111		Electricians	1.85	142	24.41	12.05	3	No	R
252021	HSHW	Elementary School Teachers, Except Special Education	1.82	320	31.83	24.69	5	No	R
436011	HSHW	Executive Secretaries and Executive Admin. Assistants	0.07	85	26.04	18.32	3	Yes	R
132051	HSHW	Financial Analysts	1.44	62	41.06	24.05	5	Yes	R
113031	HSHW	Financial Managers	1.43	124	75.11	43.69	5	Yes	R
332011	HSHW	Firefighters	1.19	148	35.86	24.32	3	No	R
371012		First-Line Superv. Landscaping & Groundskeeping Workers	1.38	39	20.72	14.66	3	No	R
471011	HSHW	First-Line Superv. of Construction and Extraction Workers	2.24	134	31.30	20.72	4	No	R

2017-18 Regional Demand Occupations List

Sorted by Occupational Title

Workforce Development Area 23 - Miami-Dade and Monroe Counties

Workforce Estimating Conference Selection Criteria:

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Mean Wage of \$23.13/hour and Entry Wage of \$14.76/hour

SOC Code†	HSHW††	Occupational Title†	Annual		2016 Hourly Wage		FLDOE Training Code	In EFI Targeted Industry?	Data Source†††
			Percent Growth	Annual Openings	Mean	Entry			
331021	HSHW	First-Line Superv. of Fire Fighting and Prevention Workers	1.17	34	54.09	42.19	3	No	R
371011		First-Line Superv. of Housekeeping & Janitorial Workers	1.47	412	17.84	12.12	3	No	S
531031	HSHW	First-Line Superv. of Material-Moving Vehicle Operators	1.47	78	28.12	15.93	3	Yes	R
491011	HSHW	First-Line Superv. of Mechanics, Installers, and Repairers	1.07	113	29.53	18.71	3	No	R
431011	HSHW	First-Line Superv. of Office and Admin. Support Workers	1.26	396	27.33	18.07	4	Yes	R
511011	HSHW	First-Line Superv. of Production and Operating Workers	0.29	64	26.96	17.79	3	Yes	R
411012	HSHW	First-Line Supervisors of Non-Retail Sales Workers	1.09	161	49.82	24.02	4	Yes	R
391021		First-Line Supervisors of Personal Service Workers	1.58	63	20.75	12.72	3	No	R
331012	HSHW	First-Line Supervisors of Police and Detectives	0.86	35	53.90	40.97	4	No	R
411011		First-Line Supervisors of Retail Sales Workers	1.07	511	22.11	15.02	3	No	R
119051	HSHW	Food Service Managers	1.20	59	36.95	24.83	4	No	R
111021	HSHW	General and Operations Managers	1.42	460	68.94	34.40	4	Yes	R
271024		Graphic Designers	0.60	70	22.94	13.39	4	Yes	R
292099		Health Technologists and Technicians, All Other	1.62	46	19.35	13.16	3	Yes	R
499021		Heating, A.C., and Refrigeration Mechanics and Installers	1.93	131	19.63	12.03	3	No	R
533032		Heavy and Tractor-Trailer Truck Drivers	1.14	269	18.65	12.89	3	Yes	R
113121	HSHW	Human Resources Managers	1.57	29	58.99	37.11	5	Yes	R
131071	HSHW	Human Resources Specialists	1.18	143	29.02	18.24	5	No	R
172112	HSHW	Industrial Engineers	0.62	29	32.04	19.42	5	Yes	R
499041	HSHW	Industrial Machinery Mechanics	2.22	53	23.33	15.34	3	Yes	R
151122	HSHW	Information Security Analysts	2.74	163	41.03	25.69	3	Yes	S
413021	HSHW	Insurance Sales Agents	1.13	157	39.73	18.73	3	Yes	R
271025		Interior Designers	1.54	36	24.22	13.05	4	Yes	R
252012	HSHW	Kindergarten Teachers, Except Special Education	1.75	58	29.50	21.86	5	No	R
436012		Legal Secretaries	0.18	49	22.24	14.13	3	Yes	R
292061		Licensed Practical and Licensed Vocational Nurses	1.84	224	21.51	17.15	3	Yes	R
434131		Loan Interviewers and Clerks	1.18	51	18.95	12.72	3	Yes	R
132072	HSHW	Loan Officers	1.15	84	48.93	21.60	4	Yes	R
119081	HSHW	Lodging Managers	1.15	27	45.43	22.53	4	No	R
131081	HSHW	Logisticians	2.34	41	30.92	21.18	5	Yes	R
514041		Machinists	1.44	414	18.84	12.59	3	Yes	S
131111	HSHW	Management Analysts	2.66	231	46.82	22.48	5	Yes	R
131161	HSHW	Market Research Analysts and Marketing Specialists	2.68	163	32.29	17.90	5	Yes	R
112021	HSHW	Marketing Managers	1.87	52	58.18	29.95	5	Yes	R
319011		Massage Therapists	2.41	455	20.90	11.86	3	No	S
172141	HSHW	Mechanical Engineers	1.81	28	34.70	23.27	5	Yes	R
292012		Medical and Clinical Laboratory Technicians	2.25	45	17.94	13.34	4	Yes	R
292011	HSHW	Medical and Clinical Laboratory Technologists	1.29	44	30.53	24.90	4	Yes	R
119111	HSHW	Medical and Health Services Managers	2.32	85	56.59	34.00	5	Yes	R
319092		Medical Assistants	2.99	2,451	14.94	12.08	3	Yes	S
292071		Medical Records and Health Information Technicians	1.88	70	20.60	12.97	4	Yes	R
436013		Medical Secretaries	2.13	104	16.03	12.46	3	Yes	R
131121		Meeting, Convention, and Event Planners	2.09	239	22.54	13.52	4	No	S
252022	HSHW	Middle School Teachers, Exc. Special & Voc. Education	1.82	118	32.63	24.43	5	No	R
493042	HSHW	Mobile Heavy Equipment Mechanics, Except Engines	1.19	26	23.37	15.61	3	Yes	R
151142	HSHW	Network and Computer Systems Administrators	1.42	67	39.87	27.78	4	Yes	R
472073		Operating Engineers/Construction Equipment Operators	1.80	56	18.27	13.16	3	No	R
292081	HSHW	Opticians, Dispensing	2.59	40	23.25	14.99	4	Yes	R
232011	HSHW	Paralegals and Legal Assistants	1.46	177	28.47	18.24	3	Yes	R

2017-18 Regional Demand Occupations List

Sorted by Occupational Title

Workforce Development Area 23 - Miami-Dade and Monroe Counties

Workforce Estimating Conference Selection Criteria:

- 1 FLDOE Training Code 3 (PSAV Certificate), 4 (Community College Credit/Degree), or 5 (Bachelor's Degree)
- 2 25 annual openings and positive growth
- 3 Mean Wage of \$14.76/hour and Entry Wage of \$12.00/hour
- 4 High Skill/High Wage (HSHW) Occupations:
Mean Wage of \$23.13/hour and Entry Wage of \$14.76/hour

SOC Code†	HSHW††	Occupational Title†	Annual		2016 Hourly Wage		FLDOE Training Code	In EFI Targeted Industry?	Data Source†††
			Percent Growth	Annual Openings	Mean	Entry			
132052	HSHW	Personal Financial Advisors	3.33	162	64.49	32.17	5	Yes	R
319097		Phlebotomists	2.44	355	14.61	11.87	3	Yes	S
312021	HSHW	Physical Therapist Assistants	3.72	302	30.50	23.65	4	Yes	S
291071	HSHW	Physician Assistants	3.13	34	51.97	40.89	5	Yes	R
472152		Plumbers, Pipefitters, and Steamfitters	1.74	55	20.48	14.06	3	No	R
333051	HSHW	Police and Sheriff's Patrol Officers	1.17	366	35.94	26.66	3	No	R
272012	HSHW	Producers and Directors	1.09	79	43.47	22.61	5	No	R
119141		Property, Real Estate & Community Association Managers	1.18	186	26.18	14.13	4	No	R
273031	HSHW	Public Relations Specialists	1.11	59	28.89	18.32	5	Yes	R
131023	HSHW	Purchasing Agents, Except Farm Products & Trade	0.95	89	28.32	17.90	4	Yes	R
292034	HSHW	Radiologic Technologists	1.54	76	26.39	18.44	3	Yes	R
291141	HSHW	Registered Nurses	1.80	1,107	32.98	25.48	4	Yes	R
291126	HSHW	Respiratory Therapists	1.17	48	25.94	20.74	4	Yes	R
472181		Roofers	2.53	813	15.77	11.79	3	No	S
112022	HSHW	Sales Managers	1.11	94	69.67	31.86	5	Yes	R
414011	HSHW	Sales Representatives, Wholesale & Mfg, Tech. & Sci. Prod.	0.77	116	38.70	16.26	3	Yes	R
414012		Sales Representatives, Wholesale and Manufacturing, Other	1.11	3,136	28.67	12.52	3	Yes	S
252031	HSHW	Secondary School Teachers, Exc. Special and Voc. Ed.	1.83	250	36.23	26.76	5	No	R
413031	HSHW	Securities and Financial Services Sales Agents	1.43	134	50.33	18.94	5	Yes	R
492098		Security and Fire Alarm Systems Installers	1.96	26	18.33	13.37	3	No	R
472211		Sheet Metal Workers	1.47	29	17.47	12.33	3	No	R
119151	HSHW	Social and Community Service Managers	1.87	176	37.53	24.69	4	No	S
211093		Social and Human Service Assistants	1.17	90	16.56	12.49	3	No	R
151132	HSHW	Software Developers, Applications	2.11	128	36.58	27.14	4	Yes	R
151133	HSHW	Software Developers, Systems Software	1.99	34	42.91	28.67	5	Yes	R
292055		Surgical Technologists	2.01	209	20.11	15.78	3	Yes	S
492022		Telecommunications Equipment Installers and Repairers	0.70	47	25.66	13.34	3	Yes	R
131151	HSHW	Training and Development Specialists	1.65	71	30.25	19.27	5	Yes	R
113071	HSHW	Transportation, Storage, and Distribution Managers	1.15	28	45.76	26.70	4	Yes	R
251194	HSHW	Vocational Education Teachers, Postsecondary	1.21	51	30.61	16.75	4	No	R
252032	HSHW	Vocational Education Teachers, Secondary School	1.19	79	33.80	26.98	5	No	R
151134	HSHW	Web Developers	2.69	38	30.12	20.99	3	Yes	R
514121		Welders, Cutters, Solderers, and Brazers	0.83	44	18.37	12.63	3	Yes	R
131022	HSHW	Wholesale and Retail Buyers, Except Farm Products	1.29	48	33.95	17.98	4	Yes	R

†SOC Code and Occupational Title refer to Standard Occupational Classification codes and titles.

††HSHW = High Skill/High Wage.

†††Data Source:

R = Meets regional wage and openings criteria based on state Labor Market Statistics employer survey data. Regional data are shown.

S = Meets statewide wage and openings criteria based on state Labor Market Statistics employer survey data. Statewide data are shown.

NR = Not releasable.

EFI - Enterprise Florida, Inc.

Training Vendor Program Information for: Miami Dade College

Note: ITAs are issued in accord with the SFWIB ITA Policy; the initial ITA may cover up to and including 50 percent of the program's maximum ITA amount; the subsequent ITA is issued upon the participant's arrival at the midpoint of the training program's life and may cover up to and including the remaining 50 percent of the program's maximum ITA amount. **Pell Grants:** All participants are required to apply for the Pell Grant and if Pell eligible and the program is a Pell eligible program, then the Pell Grant must be deducted from the total ITA amount. ITAs only cover up to one year of training and neither A.A. nor Bachelor degrees. **Refunds:** For guidance on issuing refunds, refer to the SFWIB Standardized Refund Policy. **Notice:** Case Managers shall advise participants that they may be required to obtain student loans and/or other grants to cover the cost of the program that they wish to enroll in if the ITA amount and the Pell Grant, if eligible for Pell, does not cover the full cost of the program. **SFWIB will not be responsible for any debts that the participant incurs.**

																			2017-2018 TOL Wage Rate			
Proposed Training Program	Credential	Location/ Campus	Credit Hours	Clock Hours	Course Length (estimated in months)	Tuition Cost	Application Registration Fees Cost	Books Cost	Materials Cost	Uniforms Cost	Tools Cost	Testing Fees Cost	Certification Fees Cost	Licensing Fees Cost	Other Fees/ Costs	Total Program Costs	Pell Eligible (Yes/No)	CIP Code	2017-2018 TOL Related Occupations (SOC & Name)	Entry	Mean	Quadrant Category
AS Degree Program																						
Professional Pilot Technology	A.S. Degree	500 College Ter/Homestead Campus	64	N/A	24	\$7,566.08	N/A	\$2,000	N/A	N/A	N/A	\$3,250	\$37,596	N/A	N/A	\$50,412.08	Yes	1649010200	532011- Airlines Pilots, Copilots and Flight Engineers	\$51.72	\$91.02	high skill / high wage
Aviation Maintenance Management	A.S. Degree	500 College Ter/Homestead Campus	83	N/A	18	\$4,492.36	N/A	\$900	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$5,392.36	Yes	1649010401	493011- Aircraft Mechanics and Service Technicians	\$16.96	\$27.61	low growth/high wage
Diploma/Certificate Programs																						
International Freight Transportation	Credit College Certificate	500 College Ter/Homestead Campus	15	N/A	4	\$1,773.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$1,773.30	Yes	0652020302	131081- Logisticians	\$21.18	\$30.92	high growth/high wage
International Freight Transportation	Credit College Certificate	500 College Ter/Homestead Campus	15	N/A	4	\$1,773.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$1,773.30	Yes	0652020302	435011 - Cargo and Freight Agents	\$12.96	\$20.67	high growth/low wage
International Freight Transportation	Credit College Certificate	500 College Ter/Homestead Campus	15	N/A	4	\$1,773.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$1,773.30	Yes	0652020302	531031- First Line Supervisors of Transportation	\$15.93	\$28.12	high growth/high wage

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Mean Wage of \$23.13/hour and Entry Wage of \$14.76/hour

SOC Code†	HSHW††	Occupational Title†	Annual	Annual	2016 Hourly Wage		FLDOE	In EFI	Data
			Percent		Openings	Mean			
			Growth				Code	Industry?	
132011	HSHW	Accountants and Auditors	1.72	628	35.21	21.91	5	Yes	R
113011	HSHW	Administrative Services Managers	1.44	51	59.92	34.06	4	Yes	R
413011		Advertising Sales Agents	0.51	468	27.07	13.34	3	Yes	S
493011	HSHW	Aircraft Mechanics and Service Technicians	0.92	114	27.61	16.96	3	Yes	R
532011	HSHW	Airline Pilots, Copilots, and Flight Engineers	NR	NR	91.02	51.72	4	Yes	R
119041	HSHW	Architectural and Engineering Managers	2.00	49	64.35	38.19	5	Yes	R
274011		Audio and Video Equipment Technicians	1.69	40	18.95	13.15	4	Yes	R
493021		Automotive Body and Related Repairers	1.31	46	18.14	12.09	3	No	R
493023		Automotive Service Technicians and Mechanics	1.15	2,014	18.92	11.84	3	No	S
472021		Brickmasons and Blockmasons	3.22	180	17.35	13.47	3	No	S
493031		Bus and Truck Mechanics and Diesel Engine Specialists	1.62	44	23.34	14.66	3	Yes	R
533021		Bus Drivers, Transit and Intercity	1.09	43	20.33	13.95	3	Yes	R
131199	HSHW	Business Operations Specialists, All Other	1.47	291	31.72	18.19	4	No	R
251011	HSHW	Business Teachers, Postsecondary	1.55	26	60.56	27.75	5	No	R
535021	HSHW	Captains, Mates, and Pilots of Water Vessels	1.06	28	35.86	19.54	3	Yes	R
292031		Cardiovascular Technologists and Technicians	2.50	34	22.59	14.14	3	Yes	R
435011		Cargo and Freight Agents	1.80	149	20.67	12.96	3	Yes	R
472031		Carpenters	1.79	1,780	17.93	12.24	3	No	S
472051		Cement Masons and Concrete Finishers	2.70	497	16.88	12.30	3	No	S
351011	HSHW	Chefs and Head Cooks	1.51	45	26.98	16.42	3	No	R
111011	HSHW	Chief Executives	0.81	81	103.56	53.22	5	Yes	R
172051	HSHW	Civil Engineers	2.31	124	44.34	27.45	5	Yes	R
131031	HSHW	Claims Adjusters, Examiners, and Investigators	0.63	79	28.04	17.92	3	Yes	R
532012	HSHW	Commercial Pilots	0.98	38	54.93	26.11	3	Yes	R
131041	HSHW	Compliance Officers	0.20	57	35.32	22.58	3	No	R
113021	HSHW	Computer and Information Systems Managers	2.04	48	69.26	46.59	5	Yes	R
151143	HSHW	Computer Network Architects	1.79	48	34.90	23.75	3	Yes	R
151152	HSHW	Computer Network Support Specialists	1.70	34	28.01	18.72	3	Yes	R
151121	HSHW	Computer Systems Analysts	2.97	103	47.45	25.92	4	Yes	R
151151	HSHW	Computer User Support Specialists	1.86	134	24.02	15.18	3	Yes	R
474011	HSHW	Construction and Building Inspectors	2.58	68	30.87	20.86	3	No	R
119021	HSHW	Construction Managers	1.53	116	46.86	24.93	4	No	R
333012	HSHW	Correctional Officers and Jailers	0.70	179	27.32	17.99	3	No	R
131051	HSHW	Cost Estimators	1.66	66	24.54	15.70	4	No	R
132041	HSHW	Credit Analysts	0.95	27	36.11	22.81	3	Yes	R
151141	HSHW	Database Administrators	1.66	29	40.25	25.42	4	Yes	R
319091		Dental Assistants	2.10	817	17.71	12.92	3	Yes	S
292021	HSHW	Dental Hygienists	2.04	41	27.87	21.45	4	Yes	R
292032	HSHW	Diagnostic Medical Sonographers	3.20	41	29.15	21.44	3	Yes	R
119032	HSHW	Education Administrators, Elementary and Secondary	1.80	28	46.11	32.58	5	No	R
499051	HSHW	Electrical Power-Line Installers and Repairers	0.35	30	25.62	16.69	3	No	R
472111		Electricians	1.85	142	24.41	12.05	3	No	R
252021	HSHW	Elementary School Teachers, Except Special Education	1.82	320	31.83	24.69	5	No	R
436011	HSHW	Executive Secretaries and Executive Admin. Assistants	0.07	85	26.04	18.32	3	Yes	R
132051	HSHW	Financial Analysts	1.44	62	41.06	24.05	5	Yes	R
113031	HSHW	Financial Managers	1.43	124	75.11	43.69	5	Yes	R
332011	HSHW	Firefighters	1.19	148	35.86	24.32	3	No	R
371012		First-Line Superv. Landscaping & Groundskeeping Workers	1.38	39	20.72	14.66	3	No	R
471011	HSHW	First-Line Superv. of Construction and Extraction Workers	2.24	134	31.30	20.72	4	No	R

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Mean Wage of \$23.13/hour and Entry Wage of \$14.76/hour

SOC Code†	HSHW††	Occupational Title†	Annual	Annual	2016 Hourly Wage		FLDOE	In EFI	Data
			Percent		Openings	Mean			
			Growth				Code	Industry?	
331021	HSHW	First-Line Superv. of Fire Fighting and Prevention Workers	1.17	34	54.09	42.19	3	No	R
371011		First-Line Superv. of Housekeeping & Janitorial Workers	1.47	412	17.84	12.12	3	No	S
531031	HSHW	First-Line Superv. of Material-Moving Vehicle Operators	1.47	78	28.12	15.93	3	Yes	R
491011	HSHW	First-Line Superv. of Mechanics, Installers, and Repairers	1.07	113	29.53	18.71	3	No	R
431011	HSHW	First-Line Superv. of Office and Admin. Support Workers	1.26	396	27.33	18.07	4	Yes	R
511011	HSHW	First-Line Superv. of Production and Operating Workers	0.29	64	26.96	17.79	3	Yes	R
411012	HSHW	First-Line Supervisors of Non-Retail Sales Workers	1.09	161	49.82	24.02	4	Yes	R
391021		First-Line Supervisors of Personal Service Workers	1.58	63	20.75	12.72	3	No	R
331012	HSHW	First-Line Supervisors of Police and Detectives	0.86	35	53.90	40.97	4	No	R
411011		First-Line Supervisors of Retail Sales Workers	1.07	511	22.11	15.02	3	No	R
119051	HSHW	Food Service Managers	1.20	59	36.95	24.83	4	No	R
111021	HSHW	General and Operations Managers	1.42	460	68.94	34.40	4	Yes	R
271024		Graphic Designers	0.60	70	22.94	13.39	4	Yes	R
292099		Health Technologists and Technicians, All Other	1.62	46	19.35	13.16	3	Yes	R
499021		Heating, A.C., and Refrigeration Mechanics and Installers	1.93	131	19.63	12.03	3	No	R
533032		Heavy and Tractor-Trailer Truck Drivers	1.14	269	18.65	12.89	3	Yes	R
113121	HSHW	Human Resources Managers	1.57	29	58.99	37.11	5	Yes	R
131071	HSHW	Human Resources Specialists	1.18	143	29.02	18.24	5	No	R
172112	HSHW	Industrial Engineers	0.62	29	32.04	19.42	5	Yes	R
499041	HSHW	Industrial Machinery Mechanics	2.22	53	23.33	15.34	3	Yes	R
151122	HSHW	Information Security Analysts	2.74	163	41.03	25.69	3	Yes	S
413021	HSHW	Insurance Sales Agents	1.13	157	39.73	18.73	3	Yes	R
271025		Interior Designers	1.54	36	24.22	13.05	4	Yes	R
252012	HSHW	Kindergarten Teachers, Except Special Education	1.75	58	29.50	21.86	5	No	R
436012		Legal Secretaries	0.18	49	22.24	14.13	3	Yes	R
292061		Licensed Practical and Licensed Vocational Nurses	1.84	224	21.51	17.15	3	Yes	R
434131		Loan Interviewers and Clerks	1.18	51	18.95	12.72	3	Yes	R
132072	HSHW	Loan Officers	1.15	84	48.93	21.60	4	Yes	R
119081	HSHW	Lodging Managers	1.15	27	45.43	22.53	4	No	R
131081	HSHW	Logisticians	2.34	41	30.92	21.18	5	Yes	R
514041		Machinists	1.44	414	18.84	12.59	3	Yes	S
131111	HSHW	Management Analysts	2.66	231	46.82	22.48	5	Yes	R
131161	HSHW	Market Research Analysts and Marketing Specialists	2.68	163	32.29	17.90	5	Yes	R
112021	HSHW	Marketing Managers	1.87	52	58.18	29.95	5	Yes	R
319011		Massage Therapists	2.41	455	20.90	11.86	3	No	S
172141	HSHW	Mechanical Engineers	1.81	28	34.70	23.27	5	Yes	R
292012		Medical and Clinical Laboratory Technicians	2.25	45	17.94	13.34	4	Yes	R
292011	HSHW	Medical and Clinical Laboratory Technologists	1.29	44	30.53	24.90	4	Yes	R
119111	HSHW	Medical and Health Services Managers	2.32	85	56.59	34.00	5	Yes	R
319092		Medical Assistants	2.99	2,451	14.94	12.08	3	Yes	S
292071		Medical Records and Health Information Technicians	1.88	70	20.60	12.97	4	Yes	R
436013		Medical Secretaries	2.13	104	16.03	12.46	3	Yes	R
131121		Meeting, Convention, and Event Planners	2.09	239	22.54	13.52	4	No	S
252022	HSHW	Middle School Teachers, Exc. Special & Voc. Education	1.82	118	32.63	24.43	5	No	R
493042	HSHW	Mobile Heavy Equipment Mechanics, Except Engines	1.19	26	23.37	15.61	3	Yes	R
151142	HSHW	Network and Computer Systems Administrators	1.42	67	39.87	27.78	4	Yes	R
472073		Operating Engineers/Construction Equipment Operators	1.80	56	18.27	13.16	3	No	R
292081	HSHW	Opticians, Dispensing	2.59	40	23.25	14.99	4	Yes	R
232011	HSHW	Paralegals and Legal Assistants	1.46	177	28.47	18.24	3	Yes	R

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SOC Code†	HSHW††	Occupational Title†	Annual	Annual	2016 Hourly Wage		FLDOE	In EFI	Data
			Percent		Openings	Mean			
			Growth				Code	Industry?	
132052	HSHW	Personal Financial Advisors	3.33	162	64.49	32.17	5	Yes	R
319097		Phlebotomists	2.44	355	14.61	11.87	3	Yes	S
312021	HSHW	Physical Therapist Assistants	3.72	302	30.50	23.65	4	Yes	S
291071	HSHW	Physician Assistants	3.13	34	51.97	40.89	5	Yes	R
472152		Plumbers, Pipefitters, and Steamfitters	1.74	55	20.48	14.06	3	No	R
333051	HSHW	Police and Sheriff's Patrol Officers	1.17	366	35.94	26.66	3	No	R
272012	HSHW	Producers and Directors	1.09	79	43.47	22.61	5	No	R
119141		Property, Real Estate & Community Association Managers	1.18	186	26.18	14.13	4	No	R
273031	HSHW	Public Relations Specialists	1.11	59	28.89	18.32	5	Yes	R
131023	HSHW	Purchasing Agents, Except Farm Products & Trade	0.95	89	28.32	17.90	4	Yes	R
292034	HSHW	Radiologic Technologists	1.54	76	26.39	18.44	3	Yes	R
291141	HSHW	Registered Nurses	1.80	1,107	32.98	25.48	4	Yes	R
291126	HSHW	Respiratory Therapists	1.17	48	25.94	20.74	4	Yes	R
472181		Roofers	2.53	813	15.77	11.79	3	No	S
112022	HSHW	Sales Managers	1.11	94	69.67	31.86	5	Yes	R
414011	HSHW	Sales Representatives, Wholesale & Mfg, Tech. & Sci. Prod.	0.77	116	38.70	16.26	3	Yes	R
414012		Sales Representatives, Wholesale and Manufacturing, Other	1.11	3,136	28.67	12.52	3	Yes	S
252031	HSHW	Secondary School Teachers, Exc. Special and Voc. Ed.	1.83	250	36.23	26.76	5	No	R
413031	HSHW	Securities and Financial Services Sales Agents	1.43	134	50.33	18.94	5	Yes	R
492098		Security and Fire Alarm Systems Installers	1.96	26	18.33	13.37	3	No	R
472211		Sheet Metal Workers	1.47	29	17.47	12.33	3	No	R
119151	HSHW	Social and Community Service Managers	1.87	176	37.53	24.69	4	No	S
211093		Social and Human Service Assistants	1.17	90	16.56	12.49	3	No	R
151132	HSHW	Software Developers, Applications	2.11	128	36.58	27.14	4	Yes	R
151133	HSHW	Software Developers, Systems Software	1.99	34	42.91	28.67	5	Yes	R
292055		Surgical Technologists	2.01	209	20.11	15.78	3	Yes	S
492022		Telecommunications Equipment Installers and Repairers	0.70	47	25.66	13.34	3	Yes	R
131151	HSHW	Training and Development Specialists	1.65	71	30.25	19.27	5	Yes	R
113071	HSHW	Transportation, Storage, and Distribution Managers	1.15	28	45.76	26.70	4	Yes	R
251194	HSHW	Vocational Education Teachers, Postsecondary	1.21	51	30.61	16.75	4	No	R
252032	HSHW	Vocational Education Teachers, Secondary School	1.19	79	33.80	26.98	5	No	R
151134	HSHW	Web Developers	2.69	38	30.12	20.99	3	Yes	R
514121		Welders, Cutters, Solderers, and Brazers	0.83	44	18.37	12.63	3	Yes	R
131022	HSHW	Wholesale and Retail Buyers, Except Farm Products	1.29	48	33.95	17.98	4	Yes	R

†SOC Code and Occupational Title refer to Standard Occupational Classification codes and titles.

††HSHW = High Skill/High Wage.

†††Data Source:

R = Meets regional wage and openings criteria based on state Labor Market Statistics employer survey data. Regional data are shown.

S = Meets statewide wage and openings criteria based on state Labor Market Statistics employer survey data. Statewide data are shown.

NR = Not releasable.

EFI - Enterprise Florida, Inc.

Standard Occupational Code	Occupational Title	# of Persons in EFM w / Qualifications	# of Persons in Training based on PY17-18	# of Jobs in EFM PY17-18	Help Wanted Jobs	Annual Openings Base on LMI Data 2016-2024	Demand / Supply Rate (Short-Term)	Demand / Supply Rate (Long-Term)	Annual Growth Percentage Change	PY17-18 Average Hourly Wage	Quadrant Category		Education Level
											Growth Category	Wage Category	
111011	Chief Executives	60	-	21	-	654	2.86	0.09	6.5%	0.00	Low Growth	Low Wage	Bachelor's Degree
111021	General and Operations Managers	352	-	28	436	3,684	0.76	0.10	11.4%	58.77	High Growth	High Wage	Associate Degree
111031	Legislators	3	-	-	-	24	N/A	0.13	4.5%	20.65	Low Growth	High Wage	Bachelor's Degree
112011	Advertising and Promotions Managers	70	-	1	-	60	70.00	1.17	9.4%	56.52	Low Growth	High Wage	Bachelor's Degree
112021	Marketing Managers	194	-	25	962	420	0.20	0.46	14.9%	58.02	High Growth	High Wage	Bachelor's Degree
112022	Sales Managers	463	-	55	531	750	0.79	0.62	8.9%	58.17	Low Growth	High Wage	Bachelor's Degree
112031	Public Relations and Fundraising Managers	13	-	1	136	113	0.09	0.12	11.2%	61.49	High Growth	High Wage	Bachelor's Degree
113011	Administrative Services Managers	828	1	18	-	410	46.06	2.02	11.6%	54.90	High Growth	High Wage	Associate Degree
113021	Computer and Information Systems Managers	63	-	9	230	381	0.26	0.17	16.3%	64.03	High Growth	High Wage	Bachelor's Degree
113031	Financial Managers	117	-	24	573	996	0.20	0.12	11.4%	68.55	High Growth	High Wage	Bachelor's Degree
113051	Industrial Production Managers	49	-	-	-	132	N/A	0.37	0.2%	51.45	Low Growth	High Wage	Associate Degree
113061	Purchasing Managers	69	-	4	-	113	17.25	0.61	13.0%	53.69	High Growth	High Wage	Associate Degree
113071	Transportation, Storage, and Distribution Managers	139	-	14	-	226	9.93	0.62	9.2%	44.38	Low Growth	High Wage	Associate Degree
113111	Compensation and Benefits Managers	4	-	5	-	27	0.80	0.15	13.3%	48.76	High Growth	High Wage	Associate Degree
113121	Human Resources Managers	134	-	3	183	236	0.72	0.57	12.6%	54.11	High Growth	High Wage	Bachelor's Degree
113131	Training and Development Managers	25	-	13	-	58	1.92	0.43	13.0%	49.12	High Growth	High Wage	Associate Degree
119021	Construction Managers	89	-	15	163	931	0.50	0.10	12.2%	39.36	High Growth	High Wage	Associate Degree
119031	Education Administrators, Preschool and Child Care	42	-	5	-	53	8.40	0.79	10.9%	28.58	High Growth	High Wage	Bachelor's Degree
119032	Education Administrators, Elementary and Secondary	33	-	2	-	223	16.50	0.15	14.4%	44.17	High Growth	High Wage	Bachelor's Degree
119033	Education Administrators, Postsecondary	55	-	5	-	112	11.00	0.49	12.5%	55.38	High Growth	High Wage	Bachelor's Degree
119039	Education Administrators, All Other	35	-	-	-	81	N/A	0.43	11.1%	42.88	High Growth	High Wage	Bachelor's Degree
119041	Architectural and Engineering Managers	23	-	7	-	388	3.29	0.06	16.0%	57.34	High Growth	High Wage	Bachelor's Degree
119051	Food Service Managers	152	2	8	242	476	0.62	0.32	9.6%	32.97	Low Growth	High Wage	Associate Degree
119071	Gaming Managers	-	-	-	-	9	N/A	0.00	4.7%	33.11	Low Growth	High Wage	Postsecondary Vocational
119081	Lodging Managers	49	-	3	112	215	0.43	0.23	9.2%	34.22	Low Growth	High Wage	Associate Degree
119111	Medical and Health Services Managers	57	-	4	601	681	0.09	0.08	18.6%	52.23	High Growth	High Wage	Bachelor's Degree
119121	Natural Sciences Managers	23	4	8	-	31	3.38	0.87	4.8%	54.73	Low Growth	High Wage	Bachelor's Degree
119131	Postmasters and Mail Superintendents	1	-	-	-	2	N/A	0.50	-18.2%	43.10	Low Growth	High Wage	Associate Degree
119141	Property, Real Estate & Community Association Managers	80	-	10	162	1,489	0.47	0.05	9.4%	22.14	Low Growth	High Wage	Associate Degree
119151	Social and Community Service Managers	40	1	2	-	190	20.50	0.22	13.1%	36.08	High Growth	High Wage	Associate Degree
119161	Emergency Management Directors	-	-	-	-	3	N/A	0.00	14.3%	45.92	High Growth	High Wage	Associate Degree
119199	Managers, All Other	614	-	29	554	1,749	1.05	0.35	7.9%	47.62	Low Growth	High Wage	Associate Degree
131011	Agents and Business Managers of Entertainers & Athletes	20	-	1	-	41	20.00	0.49	4.9%	23.10	Low Growth	High Wage	Bachelor's Degree
131021	Buyers and Purchasing Agents, Farm Products	12	-	-	-	50	N/A	0.24	7.7%	29.13	Low Growth	High Wage	Postsecondary Vocational
131022	Wholesale and Retail Buyers, Except Farm Products	33	-	3	-	379	11.00	0.09	10.3%	27.12	High Growth	High Wage	Associate Degree
131023	Purchasing Agents, Except Farm Products & Trade	46	-	6	-	715	7.67	0.06	7.6%	27.54	Low Growth	High Wage	Associate Degree
131031	Claims Adjusters, Examiners, and Investigators	62	-	16	126	637	0.44	0.10	5.1%	27.91	Low Growth	High Wage	Postsecondary Vocational
131032	Insurance Appraisers, Auto Damage	3	-	-	-	35	N/A	0.09	-6.1%	29.84	Low Growth	High Wage	Postsecondary Vocational
131041	Compliance Officers	30	1	-	-	453	N/A	0.07	1.6%	39.03	Low Growth	High Wage	Postsecondary Vocational
131051	Cost Estimators	5	-	5	-	529	1.00	0.01	13.3%	22.09	High Growth	High Wage	Associate Degree
131071	Human Resources Specialists	108	-	23	114	1,147	0.79	0.09	9.5%	27.33	Low Growth	High Wage	Bachelor's Degree
131075	Labor Relations Specialists	24	-	3	-	157	8.00	0.15	-1.4%	28.23	Low Growth	High Wage	Bachelor's Degree
131081	Logisticians	80	-	16	-	334	5.00	0.24	18.7%	28.76	High Growth	High Wage	Bachelor's Degree
131111	Management Analysts	69	-	34	735	1,851	0.09	0.04	21.3%	34.04	High Growth	High Wage	Bachelor's Degree
131121	Meeting, Convention, and Event Planners	59	-	1	-	351	59.00	0.17	18.5%	19.32	High Growth	High Wage	Associate Degree
131131	Fundraisers	12	-	1	-	106	12.00	0.11	14.2%	29.33	High Growth	High Wage	High School Diploma
131141	Compensation, Benefits, and Job Analysis Specialists	15	-	3	-	103	5.00	0.15	6.2%	27.26	Low Growth	High Wage	Associate Degree
131151	Training and Development Specialists	47	1	6	101	572	0.45	0.08	13.2%	29.08	High Growth	High Wage	Bachelor's Degree
131161	Market Research Analysts and Marketing Specialists	87	3	1,046	483	1,306	0.06	0.07	21.5%	29.05	High Growth	High Wage	Bachelor's Degree
131199	Business Operations Specialists, All Other	117	1	25	253	2,331	0.42	0.05	11.8%	30.10	High Growth	High Wage	Associate Degree
132011	Accountants and Auditors	584	-	37	657	5,023	0.84	0.12	13.8%	30.57	High Growth	High Wage	Bachelor's Degree
132021	Appraisers and Assessors of Real Estate	25	-	3	-	225	8.33	0.11	9.5%	21.23	Low Growth	High Wage	Postsecondary Vocational
132031	Budget Analysts	5	-	1	-	72	5.00	0.07	7.1%	32.23	Low Growth	High Wage	Bachelor's Degree
132041	Credit Analysts	22	-	5	-	217	4.40	0.10	7.6%	33.80	Low Growth	High Wage	Postsecondary Vocational
132051	Financial Analysts	82	-	35	151	492	0.44	0.17	11.5%	37.08	High Growth	High Wage	Bachelor's Degree
132052	Personal Financial Advisors	20	-	11	205	1,298	0.09	0.02	26.6%	51.57	High Growth	High Wage	Bachelor's Degree
132053	Insurance Underwriters	14	-	1	-	119	14.00	0.12	-5.1%	28.91	Low Growth	High Wage	Postsecondary Vocational
132061	Financial Examiners	6	-	2	-	132	3.00	0.05	15.2%	38.04	High Growth	High Wage	Bachelor's Degree
132071	Credit Counselors	11	-	-	-	167	N/A	0.07	16.8%	20.21	High Growth	High Wage	Associate Degree
132072	Loan Officers	57	-	10	223	677	0.24	0.08	9.2%	38.90	Low Growth	High Wage	Associate Degree
132081	Tax Examiners and Collectors, and Revenue Agents	9	-	-	-	93	N/A	0.10	-6.2%	29.46	Low Growth	High Wage	Bachelor's Degree
132082	Tax Preparers	67	-	2	-	147	33.50	0.46	7.8%	18.76	Low Growth	Low Wage	Postsecondary Vocational
132099	Financial Specialists, All Other	73	-	12	-	178	6.08	0.41	15.2%	33.25	High Growth	High Wage	Postsecondary Vocational
151121	Computer Systems Analysts	60	-	15	455	825	0.13	0.07	23.8%	41.02	High Growth	High Wage	Associate Degree
151131	Computer Programmers	46	1	7	118	330	0.38	0.14	-2.0%	43.48	Low Growth	High Wage	Postsecondary Vocational
151132	Software Developers, Applications	74	-	14	426	1,024	0.17	0.07	16.9%	31.62	High Growth	High Wage	Associate Degree
151133	Software Developers, Systems Software	27	3	7	-	265	4.29	0.11	15.9%	40.91	High Growth	High Wage	Bachelor's Degree
151134	Web Developers	46	-	2	393	307	0.12	0.15	21.5%	29.00	High Growth	High Wage	Postsecondary Vocational
151141	Database Administrators	27	-	7	-	228	3.86	0.12	13.2%	40.59	High Growth	High Wage	Associate Degree

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											Growth Category	Wage Category	Education Level
439022	Word Processors and Typists	9	-	-	-	10	N/A	0.90	-5.6%	15.45	Low Growth	Low Wage	Postsecondary Vocational
439031	Desktop Publishers	-	-	-	-	17	N/A	0.00	-12.8%	15.97	Low Growth	Low Wage	Postsecondary Vocational
439041	Insurance Claims and Policy Processing Clerks	86	1	5	-	664	17.40	0.13	4.3%	17.87	Low Growth	Low Wage	High School Diploma
439051	Mail Clerks & Mail Machine Operators, Exc. Postal Service	37	-	-	-	121	N/A	0.31	-8.4%	13.41	Low Growth	Low Wage	High School Diploma
439061	Office Clerks, General	631	93	86	280	6,746	1.98	0.11	7.5%	12.79	Low Growth	Low Wage	High School Diploma
439071	Office Machine Operators, Except Computer	12	-	-	-	126	N/A	0.10	-3.3%	13.88	Low Growth	Low Wage	High School Diploma
439199	Office and Administrative Support Workers, All Other	148	2	10	-	252	15.00	0.60	8.2%	17.94	Low Growth	Low Wage	High School Diploma
452011	Agricultural Inspectors	10	-	-	-	8	N/A	1.25	-4.9%	0.00	Low Growth	Low Wage	Postsecondary Vocational
452041	Graders and Sorters, Agricultural Products	64	-	50	-	37	1.28	1.73	-9.2%	8.98	Low Growth	Low Wage	Less than High School
452091	Agricultural Equipment Operators	16	-	-	-	101	N/A	0.16	8.2%	12.71	Low Growth	Low Wage	Postsecondary Vocational
452092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	174	-	11	-	1,113	15.82	0.16	-5.2%	9.32	Low Growth	Low Wage	Less than High School
454011	Forest and Conservation Workers	3	-	-	-	5	N/A	0.60	0.0%	0.00	Low Growth	Low Wage	NA
471011	First-Line Superv. of Construction and Extraction Workers	54	-	17	135	1,065	0.36	0.05	17.9%	29.72	High Growth	High Wage	Associate Degree
472021	Brickmasons and Blockmasons	8	-	30	-	55	0.27	0.15	22.3%	21.33	High Growth	High Wage	Postsecondary Vocational
472031	Carpenters	174	1	20	-	1,596	8.75	0.11	16.5%	17.49	High Growth	Low Wage	Postsecondary Vocational
472044	Tile and Marble Setters	7	-	-	-	202	N/A	0.03	12.5%	11.94	High Growth	Low Wage	Postsecondary Vocational
472051	Cement Masons and Concrete Finishers	15	-	1	-	301	15.00	0.05	20.8%	15.02	High Growth	Low Wage	Postsecondary Vocational
472061	Construction Laborers	564	6	78	-	2,711	7.31	0.21	17.9%	13.42	High Growth	Low Wage	Less than High School
472071	Paving, Surfacing, and Tamping Equipment Operators	4	-	-	-	142	N/A	0.03	9.0%	15.05	Low Growth	Low Wage	High School Diploma
472072	Pile-Driver Operators	2	-	-	-	37	N/A	0.05	19.0%	28.98	High Growth	High Wage	Postsecondary Vocational
472073	Operating Engineers/Construction Equipment Operators	46	-	7	-	451	6.57	0.10	14.4%	17.71	High Growth	Low Wage	Postsecondary Vocational
472081	Drywall and Ceiling Tile Installers	12	-	-	-	168	N/A	0.07	19.0%	11.98	High Growth	Low Wage	Postsecondary Vocational
472111	Electricians	126	-	11	-	1,139	11.45	0.11	14.8%	22.08	High Growth	High Wage	Postsecondary Vocational
472121	Glaziers	12	-	-	-	77	N/A	0.16	13.6%	16.58	High Growth	Low Wage	Postsecondary Vocational
472131	Insulation Workers, Floor, Ceiling, and Wall	-	-	-	-	90	N/A	0.00	13.4%	15.16	High Growth	Low Wage	Postsecondary Vocational
472141	Painters, Construction and Maintenance	55	-	7	-	809	7.86	0.07	13.3%	15.27	High Growth	Low Wage	Postsecondary Vocational
472151	Pipelayers	4	-	2	-	106	2.00	0.04	13.2%	23.68	High Growth	High Wage	Postsecondary Vocational
472152	Plumbers, Pipefitters, and Steamfitters	80	-	8	-	440	10.00	0.18	13.9%	19.87	High Growth	High Wage	Postsecondary Vocational
472181	Roofers	16	-	18	-	505	0.89	0.03	21.3%	12.95	High Growth	Low Wage	Postsecondary Vocational
472211	Sheet Metal Workers	18	-	-	-	230	N/A	0.08	11.8%	17.08	High Growth	Low Wage	Postsecondary Vocational
472221	Structural Iron and Steel Workers	16	-	1	-	189	16.00	0.08	10.0%	17.85	Low Growth	Low Wage	Postsecondary Vocational
473012	Helpers - Carpenters	52	-	3	-	121	17.33	0.43	21.2%	14.96	High Growth	Low Wage	Less than High School
473013	Helpers - Electricians	44	-	3	-	237	14.67	0.19	18.0%	12.39	High Growth	Low Wage	Less than High School
473019	Helpers - Construction Trades, All Other	21	-	-	-	16	N/A	1.31	13.9%	13.73	High Growth	Low Wage	Less than High School
474011	Construction and Building Inspectors	32	-	2	-	542	4.00	0.06	20.6%	30.34	High Growth	High Wage	Postsecondary Vocational
474051	Highway Maintenance Workers	5	-	8	-	62	2.50	0.08	7.8%	15.19	Low Growth	Low Wage	Postsecondary Vocational
474061	Rail-Track Laying and Maintenance Equipment Operators	-	-	-	-	21	N/A	0.00	14.5%	0.00	High Growth	Low Wage	High School Diploma
474071	Septic Tank Servicers and Sewer Pipe Cleaners	1	-	-	-	40	N/A	0.03	13.9%	13.85	High Growth	Low Wage	High School Diploma
491011	First-Line Superv. of Mechanics, Installers, and Repairers	37	-	6	351	901	0.10	0.04	8.6%	28.26	Low Growth	High Wage	Postsecondary Vocational
492011	Computer, ATM, and Office Machine Repairers	23	-	1	-	253	23.00	0.09	10.4%	16.77	High Growth	Low Wage	Postsecondary Vocational
492022	Telecommunications Equipment Installers and Repairers	45	-	10	-	372	4.50	0.12	5.6%	29.02	Low Growth	High Wage	Postsecondary Vocational
492091	Avionics Technicians	8	-	1	-	97	8.00	0.08	7.9%	25.56	Low Growth	High Wage	Postsecondary Vocational
492093	Electronics Installers & Repairers, Transportation Equip.	13	2	2	-	44	7.50	0.34	4.6%	31.17	Low Growth	High Wage	Postsecondary Vocational
492094	Electronics Repairers, Commercial and Industrial Equip.	25	-	2	-	53	12.50	0.47	5.0%	20.97	Low Growth	High Wage	Postsecondary Vocational
492095	Electrical Repairers, Powerhouse, Substation, and Relay	4	-	-	-	15	N/A	0.27	-6.6%	32.52	Low Growth	High Wage	Postsecondary Vocational
492097	Home Entertainment Electronics Installers and Repairers	25	-	-	-	157	N/A	0.16	16.4%	17.81	High Growth	Low Wage	Postsecondary Vocational
492098	Security and Fire Alarm Systems Installers	19	-	1	-	212	19.00	0.09	15.7%	18.33	High Growth	Low Wage	Postsecondary Vocational
493011	Aircraft Mechanics and Service Technicians	66	-	15	-	917	4.40	0.07	7.4%	24.91	Low Growth	High Wage	Postsecondary Vocational
493021	Automotive Body and Related Repairers	26	-	1	-	366	26.00	0.07	10.5%	16.92	High Growth	Low Wage	Postsecondary Vocational
493023	Automotive Service Technicians and Mechanics	96	-	24	182	1,921	0.47	0.05	8.2%	17.88	Low Growth	Low Wage	Postsecondary Vocational
493031	Bus and Truck Mechanics and Diesel Engine Specialists	17	-	5	-	355	3.40	0.05	12.9%	24.29	High Growth	High Wage	Postsecondary Vocational
493041	Farm Equipment Mechanics and Service Technicians	4	-	-	-	33	N/A	0.12	5.1%	17.74	Low Growth	Low Wage	Postsecondary Vocational
493042	Mobile Heavy Equipment Mechanics, Except Engines	4	-	4	-	209	1.00	0.02	9.5%	23.10	Low Growth	High Wage	Postsecondary Vocational
493043	Rail Car Repairers	4	-	-	-	37	N/A	0.11	14.2%	0.00	High Growth	Low Wage	Postsecondary Vocational
493051	Motorboat Mechanics and Service Technicians	2	-	2	-	101	1.00	0.02	7.0%	18.89	Low Growth	Low Wage	Postsecondary Vocational
493052	Motorcycle Mechanics	4	-	-	-	44	N/A	0.09	12.0%	16.19	High Growth	Low Wage	Postsecondary Vocational
493053	Outdoor Power Equipment and Small Engine Mechanics	5	-	-	-	46	N/A	0.11	10.9%	15.92	High Growth	Low Wage	Associate Degree
493093	Tire Repairers and Changers	11	-	2	-	375	5.50	0.03	1.6%	9.64	Low Growth	Low Wage	Less than High School
499011	Mechanical Door Repairers	1	-	1	-	89	1.00	0.01	19.8%	16.05	High Growth	Low Wage	High School Diploma
499012	Control and Valve Installers and Repairers, Except Door	-	-	-	-	49	N/A	0.00	0.0%	23.26	Low Growth	High Wage	High School Diploma
499021	Heating, A.C., and Refrigeration Mechanics and Installers	63	-	12	-	1,048	5.25	0.06	15.4%	18.04	High Growth	Low Wage	Postsecondary Vocational
499031	Home Appliance Repairers	9	-	-	-	164	N/A	0.05	6.6%	15.37	Low Growth	Low Wage	Postsecondary Vocational
499041	Industrial Machinery Mechanics	13	1	5	-	425	2.80	0.03	17.7%	22.20	High Growth	High Wage	Postsecondary Vocational
499043	Maintenance Workers, Machinery	14	-	10	-	57	1.40	0.25	17.1%	14.95	High Growth	Low Wage	Postsecondary Vocational
499051	Electrical Power-Line Installers and Repairers	8	-	-	-	248	N/A	0.03	2.8%	25.84	Low Growth	High Wage	Postsecondary Vocational
499052	Telecommunications Line Installers and Repairers	32	-	12	-	97	2.67	0.33	2.5%	20.99	Low Growth	High Wage	Postsecondary Vocational
499062	Medical Equipment Repairers	3	-	1	-	169	3.00	0.02	17.4%	16.04	High Growth	Low Wage	Postsecondary Vocational
499071	Maintenance and Repair Workers, General	293	25	43	444	3,489	0.65	0.09	8.6%	15.07	Low Growth	Low Wage	Postsecondary Vocational
499091	Vending and Amusement Machine Servicers & Repairers	5	-	-	-	22	N/A	0.23	1.0%	13.12	Low Growth	Low Wage	High School Diploma

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519071	Jewelers and Precious Stone and Metal Workers	15	-	-	-	36	N/A	0.42	-7.5%	18.14	Low Growth	Low Wage	Postsecondary Vocational
519081	Dental Laboratory Technicians	7	-	-	-	17	N/A	0.41	-11.9%	15.38	Low Growth	Low Wage	Postsecondary Vocational
519082	Medical Appliance Technicians	4	-	-	-	17	N/A	0.24	-7.1%	14.82	Low Growth	Low Wage	Postsecondary Vocational
519083	Ophthalmic Laboratory Technicians	7	-	-	-	149	N/A	0.05	5.0%	12.54	Low Growth	Low Wage	Postsecondary Vocational
519111	Packaging and Filling Machine Operators and Tenders	69	1	2	-	803	35.00	0.09	3.8%	9.50	Low Growth	Low Wage	Less than High School
519121	Coating, Painting, and Spraying Machine Operators	4	-	2	-	28	2.00	0.14	-1.6%	13.90	Low Growth	Low Wage	High School Diploma
519122	Painters, Transportation Equipment	10	-	-	-	66	N/A	0.15	7.6%	16.74	Low Growth	Low Wage	Less than High School
519123	Painting, Coating, and Decorating Workers	25	-	1	-	43	25.00	0.58	11.1%	18.84	High Growth	Low Wage	Less than High School
519151	Photographic Process Workers & Processing Machine Oprs.	19	-	-	-	26	N/A	0.73	-21.1%	13.47	Low Growth	Low Wage	Less than High School
519196	Paper Goods Machine Setters, Operators, and Tenders	3	-	-	-	55	N/A	0.05	-8.9%	13.49	Low Growth	Low Wage	High School Diploma
519198	Helpers - Production Workers	301	3	74	-	402	4.11	0.76	3.4%	9.61	Low Growth	Low Wage	Less than High School
519199	Production Workers, All Other	128	1	19	-	522	6.79	0.25	15.3%	9.53	High Growth	Low Wage	Less than High School
531011	Aircraft Cargo Handling Supervisors	34	-	1	-	46	34.00	0.74	6.9%	21.46	Low Growth	High Wage	Associate Degree
531021	First-Line Superv. Helpers, Laborers & Material-Movers, Hand	35	1	2	-	542	18.00	0.07	8.0%	20.65	Low Growth	High Wage	High School Diploma
531031	First-Line Superv. of Material-Moving Vehicle Operators	14	-	8	287	620	0.05	0.02	11.8%	27.12	High Growth	High Wage	Postsecondary Vocational
532012	Commercial Pilots	2	-	1	-	307	2.00	0.01	7.8%	47.46	Low Growth	High Wage	Postsecondary Vocational
532021	Air Traffic Controllers	4	-	-	-	157	N/A	0.03	-3.0%	66.24	Low Growth	High Wage	Postsecondary Vocational
532022	Airfield Operations Specialists	10	-	-	-	38	N/A	0.26	7.7%	29.49	Low Growth	High Wage	Associate Degree
532031	Flight Attendants	7	-	-	-	1,076	N/A	0.01	10.1%	27.49	Low Growth	High Wage	High School Diploma
533011	Ambulance Drivers and Attendants, Except EMTs	31	1	10	-	13	3.20	2.46	15.9%	13.87	High Growth	Low Wage	High School Diploma
533021	Bus Drivers, Transit and Intercity	55	-	6	-	344	9.17	0.16	8.7%	21.00	Low Growth	High Wage	Postsecondary Vocational
533022	Bus Drivers, School or Special Client	76	-	46	-	341	1.65	0.22	10.3%	13.55	High Growth	Low Wage	Postsecondary Vocational
533031	Driver/Sales Workers	413	-	50	-	1,021	8.26	0.40	10.4%	9.53	High Growth	Low Wage	High School Diploma
533032	Heavy and Tractor-Trailer Truck Drivers	252	10	34	336	2,153	0.71	0.12	9.1%	17.53	Low Growth	Low Wage	Postsecondary Vocational
533033	Light Truck or Delivery Services Drivers	137	-	15	222	2,211	0.58	0.06	10.1%	13.67	Low Growth	Low Wage	Postsecondary Vocational
533041	Taxi Drivers and Chauffeurs	141	2	20	-	973	7.15	0.15	22.7%	10.78	High Growth	Low Wage	Less than High School
533099	Motor Vehicle Operators, All Other	5	-	-	-	299	N/A	0.02	16.4%	14.20	High Growth	Low Wage	Postsecondary Vocational
534011	Locomotive Engineers	-	-	-	-	9	N/A	0.00	-3.5%	0.00	Low Growth	Low Wage	NA
534013	Rail Yard Engineers, Dinkey Operators, and Hostlers	-	-	-	-	10	N/A	0.00	13.6%	0.00	High Growth	Low Wage	NA
534041	Subway and Streetcar Operators	-	-	-	-	40	N/A	0.00	9.0%	0.00	Low Growth	Low Wage	High School Diploma
534099	Rail Transportation Workers, All Other	1	-	1	-	6	1.00	0.17	6.3%	0.00	Low Growth	Low Wage	High School Diploma
535011	Sailors and Marine Oilers	10	-	-	-	114	N/A	0.09	7.4%	14.58	Low Growth	Low Wage	Postsecondary Vocational
535021	Captains, Mates, and Pilots of Water Vessels	7	-	-	-	227	N/A	0.03	8.5%	31.09	Low Growth	High Wage	Postsecondary Vocational
536011	Bridge and Lock Tenders	3	-	-	-	15	N/A	0.20	9.7%	0.00	Low Growth	Low Wage	Less than High School
536021	Parking Lot Attendants	116	-	8	-	4,277	14.50	0.03	35.5%	9.30	High Growth	Low Wage	Less than High School
536061	Transportation Attendants, Except Flight Attendants	28	-	1	-	2	28.00	14.00	0.0%	21.72	Low Growth	High Wage	High School Diploma
536099	Transportation Workers, All Other	33	-	8	-	181	4.13	0.18	9.1%	16.53	Low Growth	Low Wage	Less than High School
537021	Crane and Tower Operators	9	-	1	-	173	9.00	0.05	8.0%	26.61	Low Growth	High Wage	Postsecondary Vocational
537032	Excavating and Loading Machine and Dragline Operators	16	-	3	-	48	5.33	0.33	15.5%	18.21	High Growth	Low Wage	High School Diploma
537051	Industrial Truck and Tractor Operators	126	-	27	-	1,122	4.67	0.11	7.6%	14.13	Low Growth	Low Wage	Postsecondary Vocational
537061	Cleaners of Vehicles and Equipment	111	-	10	-	1,649	11.10	0.07	12.1%	9.46	High Growth	Low Wage	Less than High School
537062	Laborers and Freight, Stock, and Material Movers, Hand	791	-	117	137	7,811	3.11	0.10	9.8%	11.86	Low Growth	Low Wage	Less than High School
537063	Machine Feeders and Offbearers	19	-	-	-	34	N/A	0.56	-5.2%	11.51	Low Growth	Low Wage	Less than High School
537064	Packers and Packagers, Hand	266	-	20	-	1,734	13.30	0.15	3.4%	9.48	Low Growth	Low Wage	Less than High School
537081	Refuse and Recyclable Material Collectors	32	-	1	-	239	32.00	0.13	14.0%	17.68	High Growth	Low Wage	Less than High School
		41,111	581	5,533	39,115	364,901	5.00	0.11	10.2%				