

## 2019-2020 Florida Job Growth Grant Fund Workforce Training Grant Proposal

Proposal Instructions: The Florida Job Growth Grant Fund Proposal (this document) must be completed and signed by an authorized representative of the entity applying for the grant. Please read the proposal carefully as some questions may require a separate narrative to be completed. If additional space is needed, attach a word document with your entire answer.

### Entity Information

Name of Entity: College of Central Florida

Federal Employer Identification Number (if applicable): ██████████

Primary Contact Name: Matt Matthews

Title: Director, Resource Development & Accreditation

Mailing Address: 3001 SW College Road  
Ocala, FL 34474

Phone Number: 352-854-2322 ext. 1566

Email: matthewm@cf.edu

Secondary Contact Name: Dr. Rob Wolf

Title: Dean, Business & Technology

Phone Number: 352-854-2322 ext. 1281

### Workforce Training Grant Eligibility

Pursuant to 288.101, F.S., the Florida Job Growth Grant Fund was created to promote economic opportunity by improving public infrastructure and enhancing workforce training. This includes workforce training grants to support programs offered at state colleges and state technical centers.

Eligible entities must submit proposals that:

- Support programs and associated equipment at state colleges and state technical centers.
- Provide participants with transferable and sustainable workforce skills applicable to more than a single employer.
- Are offered to the public.
- Are based on criteria established by the state colleges and state technical centers.
- Prohibit the exclusion of applicants who are unemployed or underemployed.

## 1. Program Requirements:

(If additional space is needed, attach a word document with your entire answer.)

Each proposal must include the following information describing how the program satisfies the eligibility requirements listed on page 1.

- A.** Provide the title and a detailed description of the proposed workforce training.

See attached

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- B.** Describe how this proposal supports programs at state colleges or state technical centers.

See attached

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- C.** Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer.

See attached

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- D.** Describe how this proposal supports a program(s) that is offered to the public?

- E.** Describe how this proposal is based on criteria established by the state colleges and state technical centers.

See attached

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- F.** Does this proposal support a program(s) that will not exclude unemployed or underemployed individuals?

Yes       No

See attached

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- G.** Describe how this proposal will promote economic opportunity by enhancing workforce training. Please include the number of program completers anticipated to be created from the proposed training. Further, please include the economic impact on the community, region, or state and the associated metrics used to measure the success of the proposed training.

See attached

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**2. Additional Information:**

(If additional space is needed, attach a word document with your entire answer.)

- A.** Is this an expansion of an existing training program?  Yes  No  
 If yes, please provide an explanation for how the funds from this grant will be used to enhance the existing program.

See attached

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- B.** Does the proposal align with Florida’s Targeted Industries?  Yes  No  
 ([View Florida’s Targeted Industries here.](#))

If yes, please indicate the specific targeted industries with which the proposal aligns.  
 If no, with which industries does the proposal align?

See attached

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- C.** Does the proposal align with an occupation(s) on the Statewide Demand Occupations List and/or the Regional Demand Occupations List? (View Florida’s Demand Occupations List here.)  Yes  No

If yes, please indicate the specific occupation(s) with which the proposal aligns.  
 If no, with which occupation does the proposal align?

See attached

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- D.** Indicate how the training will be delivered (e.g., classroom-based, computer-based, other).  
If in-person, identify the location(s) (e.g., city, campus, etc.) where the training will be available.  
If computer-based, identify the targeted location(s) (e.g. city, county, statewide) where the training will be available.

See attached

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- E.** Indicate the number of anticipated annual enrolled students and completers in the proposed program.

See attached

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- F.** Indicate the length of program (e.g., quarters, semesters, weeks, etc.), including anticipated beginning and ending dates.

Begin Date: 1/1/2020

End Date: 12/31/2024

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- G.** Describe the plan to support the sustainability of the program after grant completion.

See attached

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- H.** Identify any certifications, degrees, etc. that will result from the completion of the program. Please include the Classification of Instructional Programs (CIP) code and the percent of completer in each code, corresponding with Section E.

See attached

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- I.** Does this project have a local match amount?

Yes       No

If yes, please describe the entity providing the match and the amount (Do not include in-kind).

See attached

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J. Provide any additional information or attachments to be considered for the proposal.

See attached

### 3. Program Budget

(If additional space is needed, attach a word document with your entire answer.)

**Estimated Costs and Sources of Funding:** Include all applicable workforce training costs and other funding sources available to support the proposal.

1.) **Total Amount Requested**      \$ 2,954,946.00  
 Florida Job Growth Grant Fund \_\_\_\_\_

2.) Other Workforce Training Project Funding Sources:

City/County                      \$ 400,000.00  
 Private Sources                 \$ 1,975,000.00

Other (grants, etc.)             \$ \_\_\_\_\_  
 Total Other Funding            \$ 2,375,000.00

Please Specify: \_\_\_\_\_

3.) Workforce Training Project Costs:

Equipment                        \$ 764,985.00  
 Personnel                         \$ 684,560.00  
 Facilities                         \$ 797,493.00  
 Tuition                            \$ 327,908.00  
 Training Materials             \$ 380,000.00

Other                                \$ \_\_\_\_\_  
**Total Project Costs**            \$ 5,329,946.00

Please Specify: \_\_\_\_\_

**Note:** The total amount of the project should equal the total amount requested plus the total other funding.

- 4.) Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding, how equipment purchases will be associated with the training program, if applicable, and any other pertinent budget-related information.

See attached

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#### 4. Approvals and Authority

(If additional space is needed, attach a word document with your entire answer.)

- A. If entity is awarded grant funds based on this proposal, what approvals must be obtained before it can execute a grant agreement with the Florida Department of Economic Opportunity (e.g., approval of a board, commission or council)?

See attached

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- B. If approval of a board, commission, council or other group is needed prior to execution of an agreement between the entity and the Florida Department of Economic Opportunity:

- i. Provide the schedule of upcoming meetings for the group for a period of at least six months.
- ii. State whether entity is willing and able to hold special meetings, and if so, upon how many days' notice.

See attached

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- C. Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the entity. This evidence may take a variety of forms, including but not limited to: a delegation of authority, citation to relevant laws or codes, policy documents, etc.

See attached

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I, the undersigned, do hereby certify that I have express authority to sign this proposal on behalf of the above-described entity and to the best of my knowledge, that all data and information submitted in proposal is truthful and accurate and no material fact has been omitted.

Name of Entity: College of Central Florida

Name and Title of Authorized Representative: Dr. James D. Henningsen, President

Representative Signature: 

Signature Date: 9/5/19



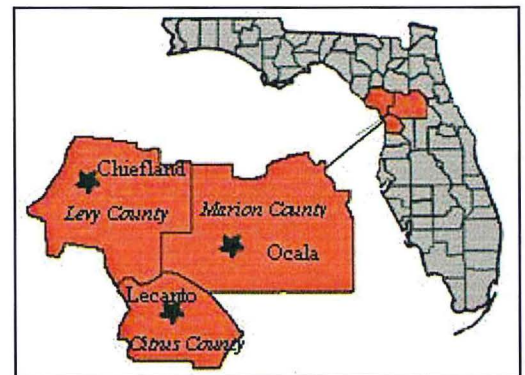
## 1. Program Requirements

### A. Provide the title and a detailed description of the proposed workforce training.

The Marion County Workforce Initiative (MCWI) proposed by the College of Central Florida (CF), in partnership with the Marion County Public Schools (MCPS) will create new degree programs including, Postsecondary Adult Vocational (PSAV), College Credit Certificates (CCC), and Associates of Science (A.S.) degrees to address the community workforce needs. CF will collaborate with multiple local businesses that service the area to increase the number of graduates with industry-recognized credential and degrees required to enter and advance in the workforce. Training and education will utilize both traditional and non-traditional methods in advanced manufacturing, engineering, logistics and distribution to allow graduates to enter and advance in high skill/high wage (HSHW) positions (Table 1).

Additionally, CF has a unique opportunity to not only partner with one of the area's largest employers, Lockheed Martin, but also to establish their first apprenticeship program. The apprenticeship program would be a first for CF, which displays innovation and adaptability to the growing and changing job market. CF and Lockheed Martin are disruptive innovators and have been exploring ideas and methods to attract and train new employees in the central Florida area. Since training space has become limited at Ocala location, so their management reached out to CF to see if a partnership could be formed to meet their employment training demands. CF has the necessary space to house the equipment and provide the needed coursework plus CF was looking to add apprenticeship-style programs to our current curriculum.

CF serves a predominantly rural, tri-county population in Northcentral Florida; our service area population is 516,000 includes large pockets of severely low-income households. The area has a per capita income that is 65% to 82% of the national average and poverty rates that are 109% to 153.9% of the national average (2010 Census). The communities CF serves also have lower levels of education and higher rates of unemployment than the Florida average. Our service area averages 16.7% of residents having a bachelor's degree and an unemployment rate of 7.1% compared to the statewide averages of 26.4% of residents with bachelor's degree and 6% unemployment (2010 census and 2014 Bureau of Labor statistics). Residents speak a language other than English at home in 9.8% of tri-county homes (2010 census); about 14% of residents lack basic literacy skills (2003, National Center for Education Statistics).



Mirroring the county it serves, Marion County Public Schools (MCPS) provides K-12 public education to a culturally diverse population of 43,000



students in 52 public schools. MCPS has a racial composition of 58.64% White, 16.8% Black, 24.5% Hispanic and 0.6% other. Marion County is the fifth largest geographical area (landmass equal to the state of Rhode Island) in the state and is home to the Ocala National Forest. Marion County Public Schools is not defined as a rural district by the Florida Department of Education, although only one-third of the schools fall within the city limits of Ocala, Florida (the largest municipality in Marion County). Besides the Ocala National Forest, the remaining landmass is home to the agriculture and horse industry, which attracts migrant families to Marion County. This reflected in a 10% increase of students identified English Speakers of Other Languages (ESOL), most of which have not acquired to the English language.

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 105,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration, and sustainment of advanced technology systems, products, and services. Their success depends on the ability of our talented, skilled employees to function as a tightly integrated team. They embrace diversity and respect each other, their customers, their partners, and suppliers we interact with. The Ocala operations employ over a thousand individuals that manufacture and assemble numerous products, including sensors for aircraft fire control systems, missile and vehicle electronics and cabling assemblies, and missile seeker and guidance systems.

The introduction of new programs and the expansion of existing ones is in response to Ocala/Marion County Chamber & Economic Partnership (CEP) most recent initiatives to address the needs to the top ten employers in Marion County, addressing deficiencies that CLM Workforce Board Region 10 identified, as well as growing occupations and industries as defined by Florida Department of Economic Opportunity for region 10. The initiative will increase efforts to move under and unemployed individuals into HWHS jobs in the community primarily in the following industries: engineering, advanced manufacturing, logistics, and distribution fields.

**B. Describe how this proposal supports programs at state colleges or state technical centers**

Majority of the educational programs will be offered at CF's Ocala Campus, some courses may be offered online, or as hybrids and/or traditional classroom setting. In addition, the programs will be offered to local high schools that CF is partnered with, which will allow them to begin their course work towards their A.S., and/or complete industry certifications and CCC that are stackable and transferrable if they want to pursue an associates at a later time. Programs will range in time they will take to complete, most of the CCC offered in engineering and technology can be completed in a year or less, the A.S. programs are designed to be completed in two years full time (six semesters).



MCPS will enroll students in the Logistic Academy at West Port High School. Students will graduate the program with industry certification in Microsoft Office Specialist, MSSC Certified Logistic Associate and MSSC Certified Logistic Technician. In addition, the students who enroll at the CF for an aligned A.S. degree during high school can earn up to nine (9) college credits free of charge.

Lockheed Martin's USDOL-approved National Standard of Apprenticeship establishes a consistent but flexible model of apprenticeship for the company that allows employees to participate in a time-based, competency-based, and/or hybrid apprenticeship model for various occupations in advanced manufacturing and engineering technology. CF's and Lockheed Martin partnership, apprenticeship training program that will provide training, thus bridging inequality gaps for individuals entering the program. Training will be offered to current Lockheed Martin employees interested in further their career prospects, or allow them to be cross-trained making them more essential to their organization. The program is open to all identified Lockheed Martin employees regardless of race, income, or other socioeconomic factors.

**C. Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer.**

Like other parts of Florida local employers would prefer to hire individuals that live in the region or at the very least in the state of Florida, which has become difficult due to the increasing in credentialing requirements of major manufacturing and engineering technology businesses in Region 10. Therefore, creating certificates and associate degree programs that can be completed in one to two years and obtaining certifications which can be transferable among employers is the goal of this initiative.

Through this initiative, CF is developing an educational training program for Lockheed Martin Ocala to provide specified training for new and existing employees. College credit will be awarded towards a CCC in Electronics. The certificate will be embedded in the college's Associate in Science Engineering Technology program. This customized program will meet the training demands of Lockheed Martin, while also creating a pathway for career advancement for employees at Lockheed Martin. Upon successful completion of the training apprenticeship program, individuals will be awarded a minimum of 9 credit hours towards a CCC, and/or A.S. in Engineering Technology.

This project addresses the needs of numerous employers throughout Marion County in a broad range of industries and professional occupations, which have been identified by Ocala/Marion County Chamber & Economic Partnership (CEP) and CLM Work Force Region 10.



## **CF Engineering and Advance Manufacturing**

**Engineering Technology Electronics Specialization (A.S., *New program*):** The program will prepare students to enter the field of Electronics as an Electronics/Electrical Engineering Technician that will have a background in not only electronics and electrical principles but also digital fundamentals, solid state, and basic robotics. The skills learned in this program will help individuals meet the demands required to maintain and troubleshoot high-tech electronic equipment. The core courses for this program are aligned with the Manufacturing Skills Standards Council's (MSSCN) Certified Production Technician (CPT) certificate, so students that complete the program are eligible to take the MSSC's Certified Production Technician exam. Additionally, the Electronics Specialization will include the following industry certifications: Electronics Technician Association International (ETAIN) and International Society for Certified Electronics Technicians (INCET).

**Engineering Technology: Basic Electronics Technician and Electronics Aide (CCC):** A study conducted by the Manufacturing Institute and Deloitte found that the United States (U.S.) is facing a major skill gap relating to manufacturing, which they predict by 2025 there will be about two million unfilled advanced manufacturing positions across the U.S. The Mid-Florida Regional Manufactures Association (MRMA) conducts annual reports that address characteristics of the region's economy, demands for advanced manufacturing, industry growth, industry changes, and size of establishments, wages, and risk factors based upon the type of manufacturing. In 2015, Mid-Florida regional manufacturing jobs were dominated by transportation equipment, machinery, and nonmetallic mineral manufacturing, which represents about 44% of the 10,000 manufacturing positions in this region and are categorized as durable manufacturing. This program would be designed to fit the needs of the one of the largest manufacturing companies in Marion County, Lockheed Martin Cooperation that currently has over 1,000 employees, and the other manufacturing companies that employ between 51-500 works (13.4% of the manufacturing in the area). Furthermore, the demand for electrical and electronic aide (electro-mechanical, industrial, mechanical, with the exception of drafters) is growing (average of 2.2%). The Mid-Florida region has about 40% of its manufacturing industry employment in advanced manufacturing sector, which is below the U.S. (46.8%) and Florida (49.7%); this below average figure depicts lost opportunities for innovation, productivity, and HSHW manufacturing jobs. The electric's aide program CF is proposing would not only fulfil the needs of Mid-Florida region but also increase the number of employees that would be classified as HSHW workers. Industry credentials that graduates will be eligible for are: ETAIN, and INCET.

**Advanced Manufacturing: Digital Manufacturing (A.S.), Digital Manufacturing Specialist (CCC, embedded), (*New programs*):** Students will develop their occupational skills related to computer design, manufacturing, automation tools, and ability to create custom parts with computer software. This program that will prepare students to join the workforce in areas



such as rapid prototyping, digital manufacturing, industrial design, product design, mechanical drafters, technicians, or detailers in various specialized areas of industry that use computer numeric control (CNC) machining, CAM, and additive or digital manufacturing technologies. Due to the magnitude of this program student will be able to sit for numerous industrial certification exams including but not limited to: ADESK, IHKBZ, CNC Machinists, National Institute for Metalworking Skills (NIFMS), and SOLID.

**Advanced Manufacturing: Rapid Prototyping Specialist CCC (new program), under Digital Manufacturing (A.S., not embedded):** This certification will lead to entry level positions in production, manufacturing, distribution, and engineering research and developmental facilities, thus allowing students to enter HSHW jobs after completion. This certification is not only advantageous to individuals looking to enter the field but, also for current employees that are interested in further education and career advancement. By completing this certificate, the students will provide the technical expertise for the engineering activities of industry in planning, designing, and detailing for Rapid Prototyping. This certificate utilizes the 3-D printers and CNC machines for the solid modeling design process and development of the final product. Upon completion of the certificate students will be able to take the following certifications exams: ADESK, DigitalQuest, Inc. (DIGIT), IHKBZ, CNC Machinists, NIFMS, and SOLID.

**Advanced Manufacturing: Specialization in Digital Design & Modeling (A.S), and Computer-Aided Design & Drafting (CADD) CCC (New programs):** The projected demand for architectural and civil drafters in the region is 8.1%. The A.S. degree will prepare students for a career as a Digital Design and Modeling technician. The CADD certificate will prepare students for entry level positions related to Solidworks and AutoCAD. Students will learn various CAD software such as AutoCAD, Inventor, and Solid works, in the creation 3D Parametric and solid models for design and analysis. The specialization is aligned with numerous industry certifications including but not limited to (on top of support certificate credentials): ADESK (multiple), American Design Drafting Association (AMDDA), IHK-Bildungszentrum, and SOLID.

**Advanced Manufacturing: Mechanical Designer and Programmer (expansion), and Design and Fabrication Specialization (new A.S. program):** As previously mentioned durable manufacturing dominates Mid-Florida region, with about 76.5% of the work force in this type of manufacturing, which is about 9% higher than the state average of 67.9%. Durable manufacturing positions are higher wages, which fits into the goals of CFWI by providing individuals currently in the industry with further education and providing them with specific skills and certifications needed to enter the advanced manufacturing industry. The Mechanical Designer and Programmer CCC will allow completers the opportunity to gain credentials in: ADESK, CNC, IHKBZ, NIFMS, and SOLID.



**Advanced Manufacturing: CNC Machinist Operator/Programmer (CCC).** This program offers a sequence of courses to prepare students for entry-level computer numeric control machining positions within the manufacturing industry. Content includes, but are not limited to, safety and quality practices, familiarity with computer-aided drafting/computer-aided manufacturing software, proper use of hand tools, and maintenance and operation of manual machining and computer numeric control (CNC) equipment. Students interested in this particular aspect of working with CNC Machining will primarily be creating and evaluating blueprints to identify correct part dimensions and reconfigurations that will lead to setting programs to create specific tools and items. This certificate will focus more on the programming side than the CNC Machinist/Fabricator which will focus more on executing and reevaluating programs as needed.

**Advanced Manufacturing: CNC Machinist/Fabricator.** The course work is designed to teach students how to set up a wide variety of machines, develop and oversee new programs, evaluate and draw blueprints to identify correct part dimensions and tool path configurations. Upon completion of this certificate students will be able to set up a variety computer controlled machines including but not limited to lathes, cutters, shears, borers, millers, grinders, presses, drills, and auxiliary machines that produce precision metal parts, instruments and tools. Due to their skill level upon completion they may enter the job force in the following rolls: CNC machine setter, CNC machinist, CNC operator, cell machine operator, machine operator, machine technician, machinists, setup person, operator, and/or tool maker. The industry certifications that will be attainable with this CCC are CNCSI, IHKBZ, and NIFMS.

**Advanced Manufacturing: CNC Machinist Operator/Programmer (CCC).** This certificate program offers a sequence of courses to prepare students for entry-level computer numeric control machining positions within the manufacturing industry. Content includes, but are not limited to, safety and quality practices, familiarity with computer-aided drafting/computer-aided manufacturing software, proper use of hand tools, and maintenance and operation of manual machining and computer numeric control (CNC) equipment. Students interested in this particular aspect of working with CNC Machining will primarily be creating and evaluating blueprints to identify correct part dimensions and reconfigurations that will lead to setting programs to create specific tools and items. This certificate will focus more on the programming side than the CNC Machinist/Fabricator which will focus more on executing and reevaluating programs as needed. The industry certifications that will be attainable with this CCC are CNCSI, IHKBZ, and NIFMS.

**Business and Technology: Supply Chain Management (A.S., ATC, and BAS, existing).** The program offers broad-based content to reflect the cross-functional relationships prevalent in supply chain management. Students are exposed to standard operating procedures, negotiation techniques, planning, organizing, and accounting concepts, purchasing, sustainability, warehousing, project management, quality control, import/export, and asset management theory. Emphasis is placed on understanding the planning, acquisition, flow, and distribution of goods



and services while managing the complexity of operational linkages in a fast-paced global supply chain. Learning is promoted via teamwork, case studies, practitioner guest lectures, and visits to work sites. In addition, students may complete the **Logistics and Transportation Specialist CCC**, either as an individual program, or while completing the A.S. in Supply Chain Management.

## **MCPS**

West Port High School is the largest high school in Marion County that offers a logistic career pathway with the support of two qualified and industry experienced logistic teachers. The program offers a course sequence for four (4) years

Year 1- Global Logistic and Supply Chain Technology

Year 2- Global Logistic Operation

Year 3- Global Logistics Management

Year 4- Introduction to Information Technology Applications

Students have access to forklift simulator and run an in-school warehouse. Students intern at local warehouses to get real world experience in the field of logistics. Students have opportunity to earn a nationally recognized industry certification in **Microsoft Office Specialist, MSSC Certified Logistic Associate and MSSC Certified Logistic Technician.**

## **Lockheed Martin**

CF will create an on-the-job training program for entry-level soldering training for 900 employees. The program will consist of 160 hours of entry-level soldering. The initial training will be 80 hours at CF and cover hands-on training and basic knowledge regarding soldering. CF will emulate the work environment at Lockheed Martin so that new employees will be familiarized themselves with not only the process and skills regarding soldering but also the work culture that Lockheed Martin possesses. CF will hire at least one full-time instructor who will be trained by Lockheed Martin trainers for this program. The remaining 80 hours will be spent on Lockheed Martin's Ocala campus that will include: orientation, an overview of policies and procedures, job shadowing, and further hands-on training. The partnership for the 4-week soldering apprenticeship program is unique due to the duration of the program. Lockheed Martin has partnerships with local colleges and various apprenticeships throughout the United States, but the time commitment for them is significantly higher, from 14 weeks to four years. In addition, completers of the apprenticeship will have the ability to transfer 9 credit hours into CF's A.S. in Engineering and Technology or CCC.

A key feature of this project is the focus on aligning training to employee competencies within Lockheed Martin versus registering an occupation in the company. This is a critical distinction because it expands the universe of apprentices and assists employers with upskilling across the entire career pathway—from entry-level technicians to engineers. Individuals can enter an apprenticeship opportunity along various points of Lockheed Martin competency ladder. As more competencies are gained through OJT experience and related instruction, apprentices have the chance to be upwardly mobile within Lockheed Martin and the industry. Credit for Prior Learning (CLP) will be a focus of this partnership, primarily as a priority for serving veterans through the application of credit for military transcripts. In addition, individuals with non-credit technical skills training tied to industry-recognized credentials. To promote opportunities for apprentices, CF will provide CLP services so that veterans and others with appropriate experience, credentials, or college engagement will receive CLP.

**D. Describe how this proposal supports a program(s) that is offered to the public?**

As provided for in Florida Statute 1004.65, the CF is an open-access institution. Admission for college credit studies is open to all high school graduates. Most degree programs at CF require an earned high school diploma, a signed affidavit attesting that the student has completed a home education program pursuant to the requirements of F.S.1002.41 or GED. No applicant will be refused admission on the basis of race, age, ethnic background, religious preference, disability or gender. In order to maintain the college ideals of scholarship and demeanor, the right is reserved to deny admission to applicants for any reason which is deemed to be in the best interest of the college.

**E. Describe how this proposal is based on criteria established by the state colleges and state technical centers.**

CF is the lead applicant for this project; we are committed to providing quality and affordable higher education programs that are accessible to our region. The creation of new and expanding program is not only to meet workforce region 10 growing demand for HSHW works but also the state as a whole. The project closely aligns with CFs strategic priorities:

- 1) Strengthen a high-quality learning environment that increases student engagement and success.
  - a. Improve achievement of student learning outcomes.
  - b. Increase student retention and completion.
  - c. Reimagine the student experience.
- 2). Strengthen partnerships that meet workforce needs and promote the social, economic and cultural development of the community.



- a. Improve engagement with employers and economic development partners to prepare the 21st century workforce.
- b. Create a college-going culture in our community to increase the number of students who choose CF for higher education.
- c. Engage community partners to strengthen diverse social and cultural relationships.

3) Promote a climate that supports team learning, success, and innovation.

- a. Empower a high-performing team.
- b. Cultivate a climate of inclusion through an intentional commitment to equity and diversity.
- c. Maximize technology to support student learning and college operations.

All courses and programs will have instructional integrity by meeting The Florida College System standards of excellence, and will fit into frameworks that lead to student success. Determination of degree and certification requirements involves adhering to state laws and regulations, curriculum frameworks, accreditation requirements, intended application of the certification and/or degrees after completion or graduation, transfer requirements, and business and industry demands. The programs that the state has established a curriculum framework for will be met entirely, including the number of credit or clock hours prescribed in the framework.

**F. Does this proposal support a program (s) that will not exclude unemployed or underemployed individuals?**

As provided for in Florida Statute 1004.65, the CF is an open-access institution. All employed, unemployed and underemployed individuals will be provided access to the proposed programs. Additionally, CF will provide program support, student services and veteran services as well as all federal financial aid opportunities afforded to current students enrolled at the college.

**G. Describe how this proposal will promote economic opportunity by enhancing workforce training. Please include the number of jobs anticipated to be created from the proposed training. Further, please include the economic impact in the community, region or state associated metrics used to measure the success of proposed training**

CF will collaborate with multiple local businesses that service the area to increase the number of graduates with industry-recognized credential and degrees required to enter and advance in the workforce. Training and education will utilize both traditional and non-traditional methods in advanced manufacturing, engineering technology, logistics and distribution fields to allow graduates to enter and advance in HSHW positions. The new projects and expanded programs would give completers the option to fulfill approximately 1,500 high demand occupations that are anticipated within the next 5 years.



Global logistics focuses on how products are acquired, stored and transported to their final destination. Currently, in Occupational Workforce Development Area 10 and there is a 14.8% growth rate in the need for logisticians with twenty-six (26) job openings. Logistics starting salary are \$34,532.00 with the potential to earn an average salary of \$67,045.00. Therefore, CF, Ocala, and West Port High school recognize the need in this growing industry and plan to establish a pathway and training to West Port students, so they can pursue a career in logistics and supply chain management.

It is projected over 150 students will be enrolled in the Logistic Academy school year 2019-2020 at West Port High School. Of the 150 students, approximately 40 students will graduate the program with industry certification in Microsoft Office Specialist, MSSC Certified Logistic Associate and MSSC Certified Logistic Technician. In addition, the students who enroll at the CF for an aligned A.S. degree during high school can earn up to nine (9) free college credits. These 40 students will be qualified to receive a minimum of entry pay @ \$16.15 per hour and either enrolled in CF to complete A.S. degree in 33593 or employed by a local distributor on a career path to making over \$ 60,000.00 per year, 55% higher than the current mean hourly rate.

Outcomes for the Lockheed Martin partnership are two-fold: 1) improving incumbent workers technical skills, and 2) providing completers of the program with pathways to achieving higher education at CF, both will allow Lockheed Martin to meet their industry demands. For example, in four years, CF expects 900 individuals to enter the program of which 70% of individuals enrolled in the apprenticeship will complete the program (630 workers in four years).

More importantly, of those 630 workers about 80% are expected to continue their education at CF in fields such as, electronics engineering technology, robotics technical certificate (12 credit hours) basic electronics technical certificate (18 credit hours), and potentially pursuing an A.S. in engineering technology with an emphasis in electronics (60 credit hours of which their apprenticeship will count for 9 credit hours). Consequently, the individuals that further their education beyond the apprenticeship training will likely advance their careers and provide them with job security at Lockheed Martin.

Potential Industry Recognized Credentials via completing the apprenticeship and/or a certificate or degree program at CF are **IHK, CNC Production Specialist, CNC Programming, Turning & Milling, CNC Operator Certificate, MSSC Certified Production Technician, and PMMI Mechatronics Certifications.**

#### **Additional information:**

##### **A. Is this an expansion of an existing training program, or new program?**



The majority of the programs are new training (CCCs and PSAVs) and associate degree level programs to prepare students to enter HSHW positions throughout workforce region 10.

### **CF Engineering and Advanced Manufacturing**

The engineering technology programs are both new programs and expansions upon existing ones. The programs that will be expanding are mechatronics (specialization and CCC) and mechanical designer and programmer due to new programs that will be utilizing some of the same coursework like as electronics aide. The electronics aide program is being created to fit specific regional demands for HSHW manufacturing positions. The computer-aided design technical civil and architectural program is being created due to rapid growth of positions for drafter, architectural, civil, and industrial engineering technicians in region 10; additionally, this program is designed to be completed in one year and local businesses in Marion County have already shown an interest in this program and the graduates from it.

### **MCPS**

Marion County School District wants to provide students educational opportunities in the attainment of Science, Technology, Engineering and Mathematical (STEM) skills. Rapid changes in the world – including technological advancement, scientific innovation, increased globalization, shifting workforce demands, and pressures of economic competitiveness – are redefining the broad skill sets students need to be adequately prepared to participate in and contribute to today’s society (Levy and Murnane 2005; Stewart 2010; Wilmarth 2010).

The gap between employer needs and workforce skills is greatest in the STEM fields as content mastery, technical skills, creativity, and innovative thinking become increasingly important in the workforce. Yet, while demand is growing rapidly, the U.S. is on track to respond with only modest increases in the number of graduates in science, technology, engineering, and mathematics related fields (President’s Council on Jobs and Competitiveness, 2011-2012).

As a result of a strong and strategic partnership with the following agencies, we are submitting this grant application to further expand the West Port High School’s Logistic Academy. The partnership between CF, Mid-FL Manufacturing Associations (MRMA), CareerSource Citrus Levy Marion (CSCLM), Chamber and Economy Partnership (CEP), Marion County Public Schools (MCPS), Marion County Board of County Commissions (MCBOCC), and numerous transportation and logistics businesses, the need to find and recruit logisticians became a topic of discussions. After several meetings and after researching the current workforce and availability of certified logistician, it was determined that there is not an adequate workforce to meet the needs and demands for future logistic businesses moving into our area. We are fortunate due to the efforts of CEP to have recruited four large distribution



centers into Ocala/Marion County area: Fed-Ex, AutoZone, Chewy & McLane Distribution, with each of these companies hiring hundreds of employees for logistics.

Expansion of existing training program at West Port High School will provide educational opportunities for high school students throughout Marion County. The school district in collaboration with the CF is requesting to build a 7500 square feet warehouse and outfit the building for the Logistic Academy on West Port High School campus. The warehouse will be fully utilized to support the current distribution of items for the homeless and needy children in Marion County and support local companies. The following companies have indicated their support of the Logistics Warehouse at West Port High School. Local companies supporting the Global Logistics Program at West Port are Earthly Way, Cheney Brothers, Country Meats, Custom Windows, FedEx Freight, FedEx Ground, Kraus USA, Packaging Alternatives, Real Truck, Signature Brands, JM Promo and RL Global. They have also indicated a willingness and interest in using the warehouse for storage and distribution of charitable and relief and activities. Currently the exiting warehouse stores inventory for the School Systems Homeless and Needy Children Program. Last year we filled over 280 orders from the School Districts Psychological Services Group for families in need in addition to serving as a staging area for Hurricane Michael Relief Operations.

### **Lockheed Martin**

The Engineering Technology degree is the fastest growing A.S. at CF. It has increased by 600% over the last five years. Due to the growth, new programs and certificates have been added to meet the industry needs and demands of the service area and the state of Florida. CF's engineering and technology department has a close working relationship with Lockheed Martin, which has led to the establishment of programs to meet and address their employment needs. The creation of the Engineering Technology A.S with an emphasis in Electronics, or/and will allow students to gain coveted industry certification, which Lockheed Martin is looking for specifically.

The partnership for the 4-week soldiering apprenticeship program is unique due to the duration of the program. There is only one similar program presently offered in Florida, but it is not paid, nor is job placement guaranteed. Completion of the program of Lockheed Martin employees through the partnership will lead to opportunities to advance the individual's career and the opportunity to immediately begin a degree program at CF with a certification and 9 credit hours earned. Consequently, the model and framework that CF and Lockheed Martin are creating is distinctive because of the market demand, paid hands-on training, short duration, and collaboratively enhancing higher education in engineering technology.



**B. Does the proposal align with Florida Targeted Industries?**

Advanced Manufacturing  
Engineering Technology  
Electronics  
Mechatronics  
AutoCAD  
Global Logistics

**C. Does the proposal align with an occupation (s) on the State Demand Occupations List and/or the Regional Demand Occupations List?**

Yes. (See Table 2)

**D. Indicate how the training will be delivered (e.g., classroom-based, computer-based, other). If in-person, identify the location(s) (e.g., city, campus, etc.) where the training will be available. If computer-based, identify the targeted location(s) (e.g. city, county, statewide) where the training will be available.**

**CF Engineering and Advanced Manufacturing**

The method of delivering training and education will primarily be classroom-based with hands on training facilitated by an instructor. The classroom-based programs will primarily be offered by CF at the Ocala Campus. CF offers the course work both in the classroom and online, but all hands on work must be completed in the open lab, which allows students the ability to utilize lab equipment at their leisure.

**MCPS**

Method of delivery for coursework in the Logistic Academy at West Port High School is primarily classroom based with a significant portion of hands-on training and simulators. In school warehouse provides daily hands-on experience to catalog and inventory items donated to the school district for the needy and homeless students. As the students' progress through the curriculum each year they will begin to work daily in the school warehouse as part of the learning experience.

**Lockheed Martin**

The initial training will be 80 hours at CF and cover hands-on training and basic knowledge regarding soldering. CF will emulate the work environment at Lockheed Martin so that new employees will be familiarized with not only the process and skills regarding soldering but also the work cultural dynamic that Lockheed Martin possesses. CF will hire at least one full-time instructor who will be trained by Lockheed Martin trainers for this program. The remaining 80

hours will be spent on Lockheed Martin's Ocala campus that will include: orientation, an overview of policies and procedures, shadowing, and further hands-on training.

**E. Indicate the number of anticipated enrolled students and completers**

See Table 3

Project Enrollment (Year 1-4): 1589 (duplicated), 1227 (unduplicated)

Project Completers (Year 1-4): 1202 (duplicated), 974 (unduplicated)

**F. Indicate the length of program (e.g. quarters, semesters, weeks, etc.), including anticipated beginning and ending dates:**

See Table 4

**G. Describe the plan to support the sustainability of the proposal.**

The project is ambitious, yet attainable and the staggered timeline will allow CF to appropriate resources and funding to maintain sustainability. A number of factors contribute to the sustainability of the proposed project. Deliberate planning, regular and frequent face-to-face meetings involving department heads, a clear vision and mission, community partnerships and cooperation, as well as establishing goals that are specific, measurable, attainable, results-oriented, and timely (SMART goals). Existing relationships have resulted in truly transparent and collaborative community partnerships. The program design and implementation plan responds to identified needs within the region (10). CF has a demonstrated capacity to provide the leadership necessary to implement and manage large grant projects, such as the two current long-term federally funded U.S. Department of Education TRIO programs and Title III grant and past U.S. Department of Labor TAAACCT grant.

**CF Engineering and Advanced Manufacturing**

Project funding will allow CF to investment in needed capital equipment to implement the proposed programs. This is a long term investment, the equipment is expected to be productive well into the future (at least 10 years), fully institutionalized with ongoing maintenance and upkeep fully integrated into CFs regular operating budget. Increased capacity of engineering technology will provide the opportunity for increased program enrollments, thus generating revenue in the form of tuition and fees.

**MCPS**

Expansion of existing training program at West Port High School will provide educational opportunities for high school students throughout Marion County for years to come. The



warehouse MCPS, in collaboration with CF, is requesting will ensure a proper state of the arts facility for future generations. The warehouse will be fully utilized to support the current distribution of items for the homeless and needy children in Marion County and support local companies.

The following companies have indicated their ongoing support of the Logistics Warehouse at West Port High School. Local companies supporting the Global Logistics Program at West Port are Earthly Way, Cheney Brothers, Country Meats, Custom Windows, FedEx Freight, FedEx Ground, Kraus USA, Packaging Alternatives, Real Truck, Signature Brands, JM Promo, and RL Global.

### **Lockheed Martin**

Lockheed Martin provides a “roadmap” where continuous improvement will provide ongoing dynamic feedback for adjustments in curriculum or approach and take “lessons learned” and distribute them nationally through their network, in concert with local community colleges in their service areas.

At the end of the grant, Lockheed Martin will continue the training program for new soldering employees, either at the CF through the college's Corporate College, Lockheed Martin Ocala facilities, or both. Upon completion of the training, the current and future employees will continue to be eligible for the proposed nine credits (three, three-credit courses) that will articulate to the proposed 12-credit credit certificate and the 60-credit Associate in Science degree with Electronics Specialization.

The program was recently approved by CF's curriculum committee for a new 60-credit Engineering Technology Electronics Specialization. At least the nine credits that we have negotiated within a draft MOU with Lockheed Martin include Introduction to Electronics, High-Reliability Soldering, and Advanced Surface Mount Technology have been implemented as electives within this program and can be articulated either toward this program or be implemented into a college credit certificate.

**H. Identify any certifications, degrees, etc. that will result from the completion of the program. Please include the Classification of Instructional Programs (CIP) code, if applicable.**

**See Table 5**

**Table 1: Marion County Job Type and Employers Advanced Manufacturing, Engineering Technology, and Supply Chain and Logistics Employers**

<i>County</i>	<i>Job Type</i>	<i>Employers</i>
Marion County	Electronics Technician	E-ONE, Lockheed Martin, Securus Technologies, FedEx Ground, Marion County Board of County Commissioners, FM Meat Products, and Marion County
	CNC/Machinist	Ofab, Inc., Lockheed Martin, Winco, Mfg., LLC, JIT CNC Machining, Marion Precision Tool, Inc., and Cardinal Glass Industries, Inc.
	AutoCAD/CAD + Drafting	American Panel Corporation, Kimley-Horn & Associates, Inc., The Villages Technology Solutions Groups, Aerotek, SPX FLOW, Custom Window Systems Inc., TriMech Services, Rathbone Precision Metals, Inc., Contemporary Interiors, Dimension Works, and The Structures Company, LLC
	Engineering Technicians	FM Meat Products, Kimley-Horn and Associates, Inc., City of Ocala, Lockheed Martin, E-ONE, Insituform Technologies, LLC, Hamilton Products, Inc., The Structures Company, LLC, and SIBE Automation
	Logistics & Supply Chain Management	E-ONE, Chewy, LLC, Winco Mfg., LLC, Lockheed Martin, R+L Global Logistics, PetSmart, Cheney Brothers, Earthly Way, Country Meats, Custom Windows, FedEx, Kraus USA, Packaging Alternatives, Real Truck, Signature Brands, JM Promo, RL Global, UniFirst, Ring Power Corporation, Builders FirstSource, Advanced Auto parts, RealTruck, Northern Safety and Industry, XPO Logistics, PetSmart, Transform KM LLC, and Marion County
	Factory Workers/Assemblers	E-ONE, Chewy, Insituform Technologies, LLC, Winco Mfg., LLC, Lockheed Martin, Highway Systems, Inc., American Panel Corporation, PepsiCo, SIBE Automation, Ofab, Inc., Solid Covers Inc., B & S Trailer Manufacturers, Inc., Exquisite Designs Kitchen & Bath, ClosetMaid, Cavco Industries Inc., SIBE Automation, Fidelity Manufacturing, and Trailers USA Inc.
	Skilled Trades	Magma Granite & Marble, ALIEN Engineered Products, B&T Metal Works, Inc., Rathbone Precision Metals, Inc., E-ONE, Insituform Technologies, LLC, Winco, Mfg., LLC, Cardinal Glass Industries, Inc., FM meat Products, Silver Springs Bottled Water Co., Duke Energy, Ofab, Inc., Express Employment Professionals, ESD Waste2Water Inc., Solid Covers Inc., B & S Trailer Manufacturers, Inc., Exquisite Designs Kitchen & Bath, U Dump Trailers LLC, SPX Flow, SGF Global, Progress Rail Services Corp., Contemporary Interiors, Commercial Industrial Corporation, Fidelity Manufacturing, Krausz Industries, Southern Marble Manufacturing, Inc., and B & S Trailer Manufacturers, Inc.



**Table 2: Occupations Workforce Development Area 10: Marion, Citrus and Levy Counties**

SOC Code	HSHW	Occupation Title	Percent Growth	Job Openings	2018 Wage		2018 Salary		EFI Target Industry
					Mean	Entry	Mean	Entry	
111021	HSHW	General & Operations Managers	10.5	824	\$48.36	\$21.71	\$100,578	\$45,152	YES
113051	HSHW	Industrial Production Managers	13.8	84	\$46.26	\$30.07	\$96,233	\$62,500	YES
113071	HSHW	Transportation, Storage & Distribution Managers	15.6	62	\$42.67	\$32.14	\$88,750	\$66,846	YES
119199	HSHW	Managers All Other	11.5	232	\$43.11	\$22.72	\$89,661	\$47,250	YES
131081	HSHW	Logisticians	14.8	26	\$32.23	\$16.61	\$67,045	\$34,532	YES
131111	HSHW	Management Analysts	22.4	342	\$42.77	\$20.62	\$88,979	\$42,885	YES
131199	HSHW	Business Operations Specialists, AO	11.3	866	\$29.55	\$17.90	\$61,453	\$37,532	YES
152031	HSHW	Operations Research Analysts	19.1	30	\$27.63	\$16.87	\$57,473	\$35,081	YES
173022	HSHW	Civil Engineering Technician	10.1	314	\$25.29	\$17.23	\$52,591	\$35,849	YES
173023	HSHW	Electrical & Electronics Engineering Technicians	8.9	36	\$25.20	\$19.89	\$52,430	\$41,368	YES
173026	HSHW	Industrial Engineering Technicians	7.5	73	\$23.28	\$17.04	\$48,439	\$35,439	YES
472073	GPB	Operating Engineers & Other Construction Equipment Operators	12.9	651	\$17.81	\$12.78	\$35,742	\$26,589	YES
472211	GPM	Sheet Metal Workers	11.1	124	\$16.37	\$10.90	\$34,038	\$22,681	YES
473013	GPM	Helpers--Electricians	8.1	414	\$14.32	\$10.96	\$29,789	\$22,793	YES
491011	HSHW	FL Supervisors-Mechanics, Installers & Repairers	12.4	69	\$27.04	\$17.66	\$56,245	\$36,741	YES
492094	HSHWE	Electrical & Electronics Repairers, Commercial & Industrial Equipment	9.8	91	\$18.67	\$16.61	\$38,816	\$34,552	YES
493042	CPB	Mobile Heavy Equipment Mechanics, No Engines	8.1	207	\$16.93	\$12.54	\$35,222	\$26,084	YES
499041	HSHW	Industrial Machinery Mechanics	11.2	1,657	\$22.96	\$15.55	\$47,758	\$32,332	YES
499098	GPB	Helpers--Installation, Maintenance & Repair Workers	17.7	271	\$15.61	\$12.45	\$32,472	\$25,896	YES



499099	GPM	Installation, Maintenance & Repair Workers, AO	6.8	584	\$16.42	\$10.41	\$34,163	\$21,647	YES
511011	HSHW	FL Supervisors-Production & Operating Workers	13.3	73	\$27.67	\$18.19	\$57,551	\$37,835	YES
514011	GPB	CNC Machine Tool Operators, M&P	8.1	414	\$16.32	\$13.82	\$33,932	\$26,324	YES
514031	GPB	Cutting, Punching & Press Machine Setters, Operators & Tenders, M&P	4.1	186	\$15.30	\$12.13	\$31,833	\$25,234	YES
514033	GPB	Grinding, Lapping, Polishing & Buffing Machine Tool Setters, Operators & Tenders, M&P	3.4	106	\$15.95	\$12.49	\$33,179	\$25,969	YES
514041	HSHWE	Machinists	0.9	93	\$20.29	\$14.53	\$42,204	\$30,224	YES
514111	HSHW	Tool and Die Makers	14.3	46	\$25.99	\$17.57	\$54,064	\$36,559	YES
514121	GPB	Welders, Cutters, Solderers & Brazers	10.0	491	\$17.27	\$13.11	\$35,926	\$27,267	YES
519023	GPM	Mixing & Blending Machine Setters, Operators & Tenders	8.0	75	\$15.22	\$11.26	\$31,659	\$23,426	YES
519032	GPB	Cutting & Slicing Machine Setters, Operators & Tenders	11.7	64	\$14.95	\$12.65	\$3,112	\$26,324	YES
519061	GPB	Inspectors, Testers, Sorters, Samplers & Weighers	1.6	303	\$17.33	\$12.02	\$36,053	\$24,998	YES
531021	NA	FL Supervisors-Helpers, Laborers & Material Movers Hand	7.9	82	na	na	na	na	YES
531031	GPM	FL Supervisors-Transportation & Material-Moving Machine & Vehicle Operators	11.3	223	\$26.24	\$18.68	\$54,568	\$38,856	YES
537051	GPM	Industrial Truck and Tractor Operators	13.1	139	\$14.51	\$10.77	\$30,178	\$22,400	YES



**2E. Additional Requirements: Indicate the number of anticipated enrolled students and completers**

Program Titles	Launch Year	Projected Enrollment Years 1 & 2	Projected Enrollment Years 1-4	Projected Completers Year 1 & 2	Projected Completers Years 1-4
CCC: Mechatronics	EXP	13	41	10	33
A.S.: Digital Design & Modeling	2020	17	54	10	33
CCC: Computer-Aided Design & Drafting	2020	22	75	17	60
A.S.: Digital Manufacturing	2021	29	95	18	57
CCC: Digital Manufacturing Specialist	2020	17	54	13	43
CCC: Rapid Prototyping Specialist	2020	25	81	20	65
A.S.: Electronics	2020	30	105	21	73
CCC: Electronics Aide	2020	34	120	28	96
CCC: Basic Electronics Technician	2021	39	135	31	108
A.S.: Mechanical Design & Fabrication	2021	17	54	10	33
CCC: CNC Machinist/Fabricator	2021	21	68	17	54
CCC: CNC Machinist Operator/Programmer	2021	21	68	17	54
CCC: Mechanical Designer & Programmer	2020	17	54	13	43
Lockheed Martin Soldering	2020	450	900	315	630
MCPS Logistics Academy	2020	300	600	80	120

**2F. Indicate the length of program (e.g. quarters, semesters, weeks, etc.), including anticipated beginning and ending dates:**

Program	Program Type	Length of Program	Launch Date	End Date
Electronics Aide	CCC	2-3 Semesters	Fall 2019	Fall 2020
Electronics Specialization	A.S.	5-6 Semesters	Fall 2019	Fall 2022
Mechanical Designer & Programmer	CCC	2-3 Semesters	Fall 2018	Fall 2019
Mechanical Design & Fabrication Specialization	A.S.	5-6 Semesters	Fall 2019	Fall 2021
Computer-Aided Design & Drafting	CCC	2-3 Semesters	Fall 2019	Fall 2020
Rapid Prototyping Specialist	CCC	2-3 Semesters	Fall 2019	Fall 2020
Digital Manufacturing Specialization	A.S.	5-6 Semesters	Fall 2020	Fall 2022
Digital Design & Modeling Specializations	A.S.	5-6 Semesters	Fall 2020	Fall 2022
Lockheed Martin Soldering	Ind. Cert.	80 hours	Spring 2020	Completion of grant
MCPS Logistics Academy		2 Semesters	Fall 2020	Spring 2024

**2H. Additional Requirements: Identify any certifications, degrees, etc. that will result from the completion of the program. Please include the Classification of Instructional Programs (CIP) code, if applicable.**

<b>Table 5: Degree Type and Title, FL CIP CODE, and CAPE Industry Certifications</b>		
Degree Type and Title	FL CIP CODE	Industry Certifications
A.S. Specialization: Advanced Manufacturing	1615000001	ADESK002, FANUK001, FLENG001, INSOC002, MANSI001, MSSCN001 & SOLID003
CCC- Mechatronics	0615000013	ADESK002, FANUK001, INSOC002, RECFN001 & RECFN002
A.S. Specialization: Digital Design & Modeling	1615000001	ADESK002, ADESK008, ADESK011, ADESK021, ADESK023, ADESK024, ADESK025, ADESK029, ADESK031, AMDDA002, AMDDA005, CARCH002, FLENG001, MANSI001, MSSCN001 & SOLID003
CCC- Computer-Aided Design & Drafting	0615130304	ADESK002, ADESK008, ADESK011, ADESK021, ADESK023, ADESK024, ADESK025, ADESK029, ADESK031, AMDDA002, AMDDA005, CARCH002, FLENG001, MANSI001, MSSCN001, SOLID003
A.S. Specialization: Digital Manufacturing	1615000001	ADESK002, CNCSI001, CNCSI002, FLENG001 IHKBZ001, IHKBZ002, IHKBZ003, IHKBZ004, IHKBZ005, MANSI001, MSSCN001, NIFMS018, NIFMS019, NIFMS020, NIFMS021*, SOLID003, SOLID004
CCC- Digital Manufacturing Specialist	0615000009	CNCSI001, CNCSI002, FLENG001, SOLID003
CCC- Rapid Prototyping Specialist	0615000012	ADESK002, ADESK008, ADESK011, ADESK021, ADESK023, ADESK024, ADESK025 ADESK029, ADESK031, CNCSI001, CNCSI002, DIGIT802, SOLID003, SOLID004
A.S. Specialization: Electronics	1615000001	ADESK002, ETAIN008, FLENG001, ISCET002, MANSI001, MSSCN001, SOLID003
CCC- Electronics Aide	0615000012	ETAIN008, ISCET002, INSOC002
CCC- Basic Electronics Technician	0615030310	ETAIN008, ISCET002, INSOC002
A.S. Specialization: Mechanical Design & Fabrication	1615000001	ADESK002, CNCSI001, CNCSI002, FLENG001 IHKBZ001, IHKBZ002, IHKBZ003, IHKBZ004, IHKBZ005, INSOC002, MANSI001, MSSCN001 SOLID003, SOLID004
CCC- CNC Machinist/Fabricator	0648051002	CNCSI001, CNCSI002, IHKBZ001, IHKBZ002, IHKBZ003, IHKBZ004, IHKBZ005, NIFMS019, NIFMS020, NIFMS021
CCC- CNC Machinist Operator/Programmer	0615000015	CNCSI001, CNCSI002, IHKBZ001,



		IHKBZ002, IHKBZ003, IHKBZ004, IHKBZ005, NIFMS019, NIFMS020, NIFMS021
CCC- Mechanical Designer & Programmer	0615080503	ADESK002, IHKBZ001, IHKBZ002, IHKBZ003, IHKBZ004, IHKBZ005, NIFMS019, NIFMS020, NIFMS021 (bundle of 9 level I exams), SOLID003, SOLID004
Lockheed Martin Soldering	N/A	
MCPS Logistics Academy	N/A	Microsoft Office Specialist, MSSC Certified Logistic Associate and MSSC Certified Logistic Technician.

*Notes: NIFMS021\*- bundle of 9 NIMS level I exams*

## Grant Budget Overview

**TOTAL REQUEST: \$2,954,946**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Total</b>
<b>CF</b>	\$453,390	\$453,390	\$93,140	\$93,140	\$1,093,060
<b>MCPS</b>	\$717,491	\$44,485	\$0	\$0	\$761,976
<b>Lockheed Martin</b>	\$289,977	\$269,977	\$269,978	\$269,978	\$1,099,910
<b>TOTAL</b>	<b>\$1,460,858</b>	<b>\$767,852</b>	<b>\$363,118</b>	<b>\$363,118</b>	<b>\$2,954,946</b>

**MATCH: \$2,375,000**

<b>Match</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Total</b>
<b>Lockheed Martin</b>	\$547,000	\$476,000	\$467,000	\$467,000	\$1,975,000
<b>MCPS</b>	\$400,000				\$400,000
<b>TOTAL</b>					<b>\$2,375,000</b>



**CF ENGINEERING AND ADVANCED MANUFACTURING BUDGET**

**TOTAL REQUEST: \$1,093,060**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Total</b>
<b>Personnel</b>	\$71,088	\$71,088	\$71,088	\$71,088	\$284,352
<b>Benefits</b>	\$22,052	\$22,052	\$22,052	\$22,052	\$88,208
<b>Travel</b>					
<b>Equipment</b>	\$360,250	\$360,250			\$720,500
<b>TOTAL</b>	\$453,390	\$453,390	\$93,140	\$93,140	\$1,093,060

**SUMMARY:**

**PERSONNEL: \$284,352**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
<b>Personnel Total</b>	\$71,088	\$71,088	\$71,088	\$71,088

Unless otherwise indicated, all listed full-time staff and instructor positions are charged 100% to this grant, with 100% of their time and effort assigned to direct program activities.

Personnel include full time and part time faculty necessary to administer and conduct the initiative activities. Salaries are inclusive of benefits and are reasonable and commensurate with current positions at CF with similar responsibilities.

<b>Title</b>	<b>Annual Salary</b>	<b>Total Salary</b>
Part time Lab Assistant	\$23,088	\$92,352
1 FTE Instructor	\$48,000	\$192,000

**FRINGE BENEFITS: \$88,208**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
<b>Fringe Total</b>	\$22,052	\$22,052	\$22,052	\$22,052

Staff benefits for FTE are calculated at 30% of wage. Staff benefits include FICA (6.2%); Medicare (1.45%); worker’s compensation, retirement, and health insurance costs. Part time calculated at 7.65%

**Equipment: \$720,500**

<b>Equipment (Over \$5000)</b>	<b>Quantity</b>	<b>Total</b>
Upgrade existing Mechanical Trainer	1	\$25,200.00
Upgrade existing Hydraulic Trainer	1	\$7,000.00
New Mechanical Trainer	1	\$62,500.00
New Motor Control Trainer + Troubleshooting	1	\$32,000.00
New Hydraulic Trainer*	1	\$20,000.00
New Pneumatic Trainer*	1	\$13,000.00
Pneumatic Troubleshooting Trainer*	1	\$40,000.00
Hydraulic Troubleshooting Trainer*	1	\$27,100.00
Flow/level Process Control Trainer	1	\$64,000.00
Temperature Process Control Trainer	1	\$76,000.00
Floor Standing Conveyor	1	\$13,000.00
Portable AC/DC Trainer	1	\$12,000.00
Basic Electrical Machines (Motor Trainer)	1	\$28,400.00
Portable PLC Trainer	1	\$54,000.00
Mechatronics Training System*	1	\$155,000.00
NI ELVIS Training Boards	1	\$34,200.00
Ultimate 3 3D Printer	1	\$9,200.00
Motor Control Wiring Stations	1	\$13,700.00
PLC Wiring Stations	1	\$17,100.00
Motor Drive Wiring Stations	1	\$17,100.00
<b>Total Equipment</b>		<b>\$720,500.00</b>

Equipment supports the operations of the proposed programs through this initiative. All items will increase training capacities and provide students with up-to-date and state-of-the-art technology. Equipment will be purchased following all appropriate local and state procurement policy and procedures.



**MCPS LOGISTICS ACADEMY BUDGET NARRATIVE**

**TOTAL REQUEST: \$761,976**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Total</b>
<b>Equipment</b>	\$0	\$44,485	\$0	\$0	\$44,485
<b>Other (Construction)</b>	\$717,491	\$0	\$0	\$0	\$717,491
<b>TOTAL</b>	\$717,491	\$44,485	\$0	\$0	\$761,976

**Equipment: \$44,485**

<b>Equipment</b>	<b>Quantity</b>	<b>Total</b>
See Attached	1	\$44,485
<b>Total Equipment</b>		<b>\$44,485</b>

Equipment supports the operations of the proposed program through this initiative. All items will increase training capacities and provide students with up-to-date and state-of-the-art technology. Equipment will be purchased following all appropriate local and state procurement policy and procedures.

**OTHER: \$717,491**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
<b>Warehouse Construction</b>	\$717,491			

Funds to construct a 7,500sqft warehouse for real world simulation. See attached for budget details.

**MATCH:**

<b>Match</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Total</b>
MCPS	\$400,000				\$400,000
<b>Total</b>	<b>\$400,000</b>				<b>\$400,000</b>

**LOCKHEED MARTIN SOLDERING PROGRAM**

**TOTAL REQUEST: \$1,099,910**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Total</b>
<b>Personnel</b>	\$60,000	\$60,000	\$60,000	\$60,000	\$240,000
<b>Benefits</b>	\$18,000	\$18,000	\$18,000	\$18,000	\$72,000
<b>Travel</b>					
<b>Equipment</b>					
<b>Supplies</b>	\$5,000	\$5,000	\$5,000	\$5,000	\$20,000
<b>Contractual</b>	\$90,000	\$90,000	\$90,000	\$90,000	\$360,000
<b>Other</b>	\$116,977	\$96,977	\$96,978	\$96,978	\$407,910
<b>TOTAL</b>	<b>\$289,977</b>	<b>\$269,977</b>	<b>\$269,978</b>	<b>\$269,978</b>	<b>\$1,099,910</b>

**SUMMARY:**

**PERSONNEL: \$240,000**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
<b>Personnel Total</b>	\$60,000	\$60,000	\$60,000	\$60,000

Unless otherwise indicated, all listed full-time staff and instructor positions are charged 100% to this grant, with 100% of their time and effort assigned to direct program activities. All positions have a 2% cost-of-living adjustment calculated.

- **Project Director.** Responsible for oversight and management of all grant activities, deliverables, and outcomes. Will focus specifically on partner communications and coordination, including employer and industry engagement.
- **Job Title: Instructor (1).** Responsible for teaching Lockheed Martin approved Soldering coursework to students.

<b>Title</b>	<b>Annual Salary</b>	<b>Total Salary</b>
.25 FTE Project Director	\$12,000	\$48,000
1 FTE Instructor	\$48,000	\$192,000

**FRINGE BENEFITS: \$**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
<b>Fringe Total</b>	\$18,000	\$18,000	\$18,000	\$18,000



Staff benefits are calculated at 30% of wage. Staff benefits include FICA (6.2%); Medicare (1.45%); worker's compensation, retirement, and health insurance costs.

**SUPPLIES: \$20,000**

	Year 1	Year 2	Year 3	Year 4
<b>Supplies Total</b>	\$5,000	\$5,000	\$5,000	\$5,000

Consumable Program Supplies @ \$0/participant: \$0

Instructional Supplies 900 @ \$22/participant: \$20,000 (rounded)

Supplies cost are per participant and include: soldering tips, cleaners with rosin flux, anti-static tweezers, and polyamide hi temp insulation, workbooks, study guides, safety equipment, etc. needed to successfully complete the training of the participants

**CONTRACTUAL: \$588,000**

**ALL SUBRECIPIENT AND CONTRACTOR COSTS**

	Year 1	Year 2	Year 3	Year 4
<b>Contractual Total</b>	\$90,000	\$90,000	\$90,000	\$90,000

**Lockheed Martin \$360,000**

Funds Allotted to Lockheed Martin for Related Training Instruction (RTI) 900 participants at \$400/per participants = \$360,000

**OTHER: OJT, Tuition, Supportive Services, etc.**

	Year 1	Year 2	Year 3	Year 4
<b>Renovation, Solid Waste</b>	\$35,000	\$15,000	\$15,000	\$15,000
<b>Tuition Waivers (CF)</b>	\$81,977	\$81,977	\$81,978	\$81,978

**ITEM: \$407,910**

Renovation of identified space by CF facilities personnel to meet standards of Lockheed Martin corporate requirements for training facilities in the first year of operations. Renovation consists of electrical work, reconfiguration of non-load bearing walls, Installation of ventilation hoods and safety equipment (\$20,000 year one). Required hauling of Solder Waste by approved third party vendor per Lockheed Martin, CF and OSHA requirements and Resource Conservation and Recovery Act (RCRA) enacted in 1976 (\$15,000 Yrs. 1-4).

Tuition Waivers – Lockheed employees to continue education with additional classes to complete CCC, A.S. degrees in related engineering field. 2,981/hrs. X \$110.00/credit hr.

**MATCH: 1,975,000**

<b>Match</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Total</b>
CF - Lockheed Martin (Ocala Plant)	\$547,000	\$476,000	\$467,000	\$467,000	\$1,975,000
Match is calculated @ \$10.75/per hour x 900 participants x 160 hrs. = \$1,548,000					
Cost includes 2 Lockheed Martin instructors \$40,000 per x 2 = \$80,000 x 4 years.					
\$80,000 for year one to training CF instructors					
<b>Total</b>					<b>\$1,975,000</b>



West Port High School Logistics Bldg  
7,500 S.F.

Project name	West Port HS Logistics BI Ocala FL
Estimator	Bill Sheaffer
Labor rate table	Edwards
Equipment rate table	Edwards
Job size	7500 sf
Duration	6 mo
Bid date	7/31/2019 12:00 PM
Notes	DOES NOT INCLUDE THE FOLLOWING  * PERMITTING AND INSPECTION FEES * SITE WORK * BUILDING FIRE PROTECTION SYSTEMS * CONSTRUCTION MANAGEMENT FEES
Report format	Sorted by 'Group phase/Phase' Detail summary

Group	Phase	Item	Description	Takeoff Quantity	Labor Cost/Unit	Labor Amount	Sub Amount	Sub Name	Equip Amount	Other Amount	Total Cost/Unit	Total Amount	Location
1000.00			<b>GENERAL REQUIREMENTS</b>										
	1050.00		General Conditions										
		10	General Conditions (Lump Sum)	6.00 MO	0.00	0	180,000		0	0	30,000.00	180,000	
2100.00			<b>SITWORK</b>										
	2220.20		Earthwork										
		10	Earthwork	1.00 AL	-	-	0		-	-	0.00	0	
	2513.00		Paving Concrete										
		10	Concrete Paving / Dock Well	600.00 SF	-	-	9,000		-	-	15.00	9,000	
		30	Side Walks	1,100.00 SF	-	-	4,400		-	-	4.00	4,400	
	2831.00		Fencing & Gates										
		100	6' Chain Link Fence Repairs	1.00 LS	-	-	2,500		-	-	2,500.00	2,500	
	2900.00		Landscape & Irrigation										
		60	Landscape & Irrigation Sub	5,000.00 AL	-	-	5,000		-	-	1.00	5,000	
3000.00			<b>CONCRETE</b>										
	3010.00		Concrete										
		01	Soil Poisoning	8,000.00 SF	-	-	720		-	-	0.09	720	
		10	Concrete Sub	7,500.00 SF	-	-	67,000		-	-	8.93	67,000	
4000.00			<b>MASONRY</b>										
	4001.00		Masonry										
		10	Masonry Sub	1.00 LS	-	-	18,000		-	-	18,000.00	18,000	
5000.00			<b>METALS</b>										
	5500.00		Misc. Metals										
		sub	Misc. Metals & Fabrications	1.00 LS	-	-	5,500		-	-	5,500.00	5,500	
8000.00			<b>DOORS &amp; WINDOWS</b>										
	8100.00		Doors & Frames										
		15	Door Frame & Hardware Package	9.00 EA	-	-	13,500		-	-	1,500.00	13,500	
	8360.00		Overhead Doors										
		5	OHD Sub	2.00 EA	-	-	4,500		-	-	2,250.00	4,500	
9000.00			<b>FINISHES</b>										
	9200.00		Cement Stucco										
		10	Stucco on CMU	3,040.00 SF	-	-	10,640		-	-	3.50	10,640	
	9250.00		Drywall/Metal Studs										
		10	Drywall/Metal Studs Sub	2,040.00 SF	0.00	0	13,500		0	0	6.62	13,500	
	9511.00		Acoustical Ceilings										
		10	Acoustical Ceiling Tiles	1,200.00 SF	-	-	3,000		-	-	2.50	3,000	
	9660.00		Flooring Resilient Tile										
		103	VCT Flooring and Base	1,200.00 SF	-	-	4,800		-	-	4.00	4,800	
	9800.00		Special Coatings										
		10	Seal Warehouse Floors	6,300.00 SF	-	-	6,300		-	-	1.00	6,300	
	9900.00		Painting										
		10	Painting Sub	7,500.00 SF	0.00	0	11,250		0	0	1.50	11,250	
10000.00			<b>SPECIALTIES</b>										
	10520.00		Fire Extinguishers - All										
		fe	Fire Extinguishers & Cabinets	4.00 EA	-	-	1,200		-	-	300.00	1,200	
	10950.00		Specialties Package										
		10	Specialty Package	2.00 EA	-	-	8,000		-	-	4,000.00	8,000	
11000.00			<b>EQUIPMENT</b>										
	11160.00		Dock Equipment										
		10	Dock Equipment Sub	1.00 EA	0.00	0	8,000		0	0	8,000.00	8,000	
13000.00			<b>SPECIAL CONSTRUCTION</b>										
	13121.00		Pre-Engineered Buildings										
		100	Fully Pre-Eng Building	7,500.00 SF	-	-	60,000		-	-	8.00	60,000	
		200	Fully Pre-Eng Bldg Erection	7,500.00 SF	-	-	41,250		-	-	5.50	41,250	
	13127.00		Vinyl Insulation										
		10	Vinyl Insulation	7,500.00 SF	-	-	15,000		-	-	2.00	15,000	
15000.00			<b>MECHANICAL</b>										
	15400.00		Plumbing										
		10	Plumbing	7,500.00 SF	-	-	22,500		-	-	3.00	22,500	
	15770.00		H.V.A.C. (NEW)										
		13	HVAC Sub	7,500.00 SF	0.00	0	31,000		0	0	4.13	31,000	
16000.00			<b>ELECTRICAL</b>										
	16010.00		Electrical										
		10	Electrical Sub	7,500.00 SF	-	-	35,625		-	-	4.75	35,625	
		80	Site Lighting	4.00 EA	-	-	12,000		-	-	3,000.00	12,000	
		100	Fire Alarm	7,500.00 SF	-	-	15,000		-	-	2.00	15,000	
		152	Low Voltage	7,500.00 SF	-	-	11,250		-	-	1.50	11,250	

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total
Labor			0.800				
Material							
Subcontract	620,435					82.725 /sf	86.47%
Equipment							
Other							
	620,435	620,435				82.725 /sf	86.47%
Builder's Risk Insurance	2,009			0.280 \$ /	100 T	0.268 /sf	0.28%
Liability Insurance	1,672			0.233 %	T	0.223 /sf	0.23%
	3,681	624,116				83.215 /sf	86.99%
Civil Engineers Fees	40,000			5.575 %	T	5.333 /sf	5.57%
Architect and Engineers Fees	15,000			2.091 %	T	2.000 /sf	2.09%
Material Testing	2,500				L	0.333 /sf	0.35%
Construction Management Fee					T		
Contingency	35,875			5.000 %	T	4.783 /sf	5.00%
<b>Total</b>		<b>717,491</b>				<b>95.665 /sf</b>	



<b>MATERIALS AND SUPPLIES</b>	
"Skid-free floor tap and signs/reflective safety tape (2" x 100') x 1 yellow and x 1 black @ \$147.00 each = \$294.00	\$ 294.00
Stocking - vinyl safety tape x 3 rolls of each color red/white, blue, purple @ \$4.50 each x 9 = \$40.50	\$ 40.50
Mini Wrap guage @ 7.25 x 12 = \$87.00; Metal dispenser for mini wrap @ \$29.95 for a total of \$116.95	\$ 116.95
Medium Duty Edge Protector	\$ 72.00
Pallet Cones - White	\$ 80.00
Amercian Flag	\$ 64.00
2 part inventory tags with adh.	\$ 98.98
Safety Shrink Bands - 75 mm	\$ 20.00
Monarch 1136 Labels white	\$ 37.00
Monarch 1136 Alpha Numeric	\$ 123.00
First Aid Poster Kit	\$ 29.00
Lockout/Tagout Kit - Electrical	\$ 160.00
Uline Ratchet Tie Downs - U-Hook, 2" x 15', 5,000 lb Capacity @ \$24.00 each x 2 = \$48.00	\$ 48.00
Wheel Chock Chain - 15' @ \$19.00 x 2 = \$38.00; Wheel Chocks - Laminated @ \$31.00 x 2 = \$62.00 , 8 x 8 x 8"; Wheel Chocks - Rubber, 9 3/4 x 8 x 6" @ \$19.00 x 2 = \$38.00 for a total of \$138.00	\$ 138.00
Barrel/Drums steel, black lined, open top 55 gal @ 115.00 x 2 = \$230.00; 30 gal @ \$97.00 x 2 = \$156.60 for a total of \$424.00	\$ 424.00
Shelving Storage Bulk Storage Racks @\$424.00 each x 3 = \$1,272.00; Shelving Cantilever @ \$859.00 for a total of \$2,131.00	\$ 2,131.00
Safety Mirrors @ \$66.00 x 6 = \$396.00	\$ 396.00
<b>EQUIPMENT</b>	
Zebra ZD620D Direct Thermal Printer @ \$610.00 x 2 = \$1,220.00	\$ 1,220.00
Deluxe L-Bar Sealer	\$ 850.00
Deluxe Packing Table	\$ 1,249.00
Manual Lift Table - Double Scissor, 770 lb, 36 x 20"	\$ 640.00
Uline Expandable Conveyor - 24" x 24'	\$ 1,722.00
Weight Scale 4'x4'x4" low profile floor scale	\$ 1,495.00
Picking Cart 53 x25 x 39 stock picking cart	\$ 269.00
Edge Protector Cutter	\$ 425.00
Uline Pallet Truck Hand Break	\$ 438.00

<b>TECHNOLOGY SUPPLIES/COMPUTER HARDWARE AND SOFTWARE</b>	
Laptop Acer Aspire Switch 10e with wireless or WiFi	\$ 249.00
Supply Chain Management System IBIS 3.0 SCMS (Retail \$7995.00/ Educ. Discount 40%)	\$ 4,800.00
Floor trays drum spill tray with gate @ \$117.00 each x 4 = \$468.00	\$ 468.00
Barcode Scanner @ \$50.00 each x 8 = \$400.00	\$ 400.00
Clear Touch Screen 75" \$3,200.00 with wall mount \$749.25 = \$3,949.25	\$ 3,949.25
White Boards 8 foot @ \$429 each x 4 = \$1,716.00	\$ 1,716.00
<b>SIGNAGE</b>	
Warehouse signage 11" x 8.5" @ \$32.00 x 2 = \$64.00; Safety Signage fork truck traffic @ \$30.00; Caution Fork lift sign @ \$28.00 x 2 = \$56.00; Keep aisles clear @ \$28.00 x 6 = \$168.00 for a total of \$318.00	\$ 318.00
<b>FURNITURE</b>	
Student Tables (two person) @ \$38.00 x 20 = \$760.00	\$ 760.00
Teacher Desks L shaped @ \$721.49 x 2	\$ 1,443.00
Storage Cabinets for classroom @ \$189.65 each x 4 = \$758.60	\$ 758.60
<b>TOTAL</b>	\$ 27,442.28





# COLLEGE of CENTRAL FLORIDA

## POLICY MANUAL

<b>Title:</b> DUTIES AND POWERS OF THE DISTRICT BOARD	<b>Number:</b> 2.00	<b>Page:</b> 1 of 1
<b>See Procedures:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>Legal Authority:</b> Florida Statutes 1001.61, 1001.63, 1001.64, 1004.726	<b>Board Adoption/Revision Approval Dates:</b> 9/3/80, 6/10/87, 10/19/88, 8/19/98, 12/2/98, 10/22/02	

The college district of Citrus, Levy and Marion Counties, authorized by law and the Department of Education, is an independent, separate, legal entity created for the operation of the College of Central Florida and governed by the District Board of Trustees.

The Board is constituted a body corporate by the name of "District Board of Trustees of the College of Central Florida, Florida."

All the components of the institution and all aspects of its operation are responsible to the District Board through the College President. The District Board is charged by Florida Statutes and Florida Board of Education Rules with responsibility for establishing, upon advice and recommendation of the College President, the policies which determine the quality and direction of the development of the College, which establish an effective management of the College, and which assist the institution in carrying out the approved mission and objectives.

The District Board supervises the implementation of these established rules and delegates to an appointed president the responsibility for administration of the College in accordance with its rules.

- A) **DUTIES AND POWERS:** The duties and powers of the District Board are enumerated in Florida Statutes and the Florida Board of Education Rules as referenced above. The statutes and rules cited are incorporated herein, by reference, as policies of the District Board of Trustees.
- B) **OPERATION OF THE BOARD:** The operation of the Board, including information about meetings, notification of the meetings, agendas, appearance of interested parties before the Board, adoption of rules, telephone polling of the Board, and general rules of operation are described in F.S. Chapter 120, Chapters 28-101 et. seq., of the rules of the Florida Administration Commission, Florida Board of Education Rules, Florida Department of Administration Rules and the Board's Governance Handbook.



# COLLEGE of CENTRAL FLORIDA

## POLICY MANUAL

<b>Title:</b> DISTRICT BOARD OF TRUSTEES OPERATIONS	<b>Number:</b> 2.01	<b>Page:</b> 1 of 2
<b>See Procedures:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>Legal Authority:</b> Florida Statutes 1001.61-65, 120.525, 286.011, 286.0114	<b>Board Adoption/Revision Approval          Dates:</b> 10/22/02, 2/25/03, 10/25/05, 4/29/15	

The college is governed at the local level by an appointed District Board of Trustees composed of seven members representing Citrus, Levy and Marion Counties who work directly with the college President in all policy matters pertaining to governance and operation of the institution. A Chair and a Vice Chair are elected on an annual basis at the organizational meeting of the Board.

- A. The District Board of Trustees shall approve an annual calendar as recommended by the President with regular meeting dates that will generally be the fourth Wednesday of each month. However, monthly meetings will generally not be held in July or November. Further, the December meeting will generally be held on the first Wednesday of the month. The annual organizational meeting shall be held in June, unless need arises to hold it on a later date upon determination of the Board. Special meetings of the Board may be called by the Chair or by the college President.
- B. Notice of regular and special meetings of the Board shall be given not less than 7 days before the meeting by: 1) publication in a newspaper of general circulation in the tri-county area; and 2) mail to all persons who have made requests of the Board for advance notice of Board meetings and to organizations representing persons affected by any rule proposed for adoption at the meeting.
- C. An agenda shall be prepared by the office of the President and advertised and distributed in accordance with Florida Statutes, Chapter 120, at least 7 days prior to each meeting of the Board.
  1. The agenda shall contain the items to be considered in the order of presentation.
  2. After the agenda has been made available, change shall be made only for good cause in accordance with law. Notification of said change shall be made at the earliest practicable time.





# COLLEGE of CENTRAL FLORIDA

## POLICY MANUAL

DISTRICT BOARD OF TRUSTEES OPERATIONS	2.01	2 of 2
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3. The board will allow time at each meeting for public comment and a form will be available at each meeting for members of the public to request to speak at the meeting.

D. When an official decision or other official act is taken or adopted, board members may not abstain from voting, except when there is, or appears to be, a possible conflict of interest under the provisions of Chapter 112, Florida Statutes.

E. Emergency meetings of the Board shall be held only in compliance with procedures established by the Florida Statutes and State Board of Education Rules.

F. The college shall notify the public of any proposed new rules, revisions to existing rules, or elimination of rules, at least 21 days before the Board meeting at which the intended action will be taken. Notice will be given in accordance with procedures set forth in Section B of this rule and will comply with Chapter 120, Florida Statutes.

An individual may discuss concerns about rule changes with the administrator designated by the President prior to the public meeting. That administrator or the President will then take any modifications to the Board as a result of this discussion and the Board in turn may modify or reject the proposed rule at the public meeting. The final version adopted by the Board at the public meeting will then become the adopted rule.

Any substantially affected person may seek an administrative declaration of the invalidity of any proposed rule by following the procedures set forth in Chapter 120, Florida Statutes.

G. Those employees who have business to come before the Board relating to their particular area of responsibility or relating to their welfare as an employee shall be expected to attend the meeting at which it will be discussed or to send a representative. Other employees are encouraged to attend Board meetings at times when they are not obligated to perform their regular duties.

H. *Robert's Rules of Order, Newly Revised* shall govern proceedings of the District Board of Trustees except that the Chair of the Board may vote and make or second a motion.



# COLLEGE of CENTRAL FLORIDA

## POLICY MANUAL

<b>Title:</b> GENERAL POWERS OF THE COLLEGE PRESIDENT	<b>Number:</b> 2.02	<b>Page:</b> 1 of 1
<b>Legal Authority:</b> Florida Statutes 1001.61, 1001.64, 1001.65 FAC: 6A-14.0261	<b>See Procedures:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Board Adoption/Revision Approval  Dates:</b> 9/3/80, 6/10/87, 10/19/88, 8/19/98, 10/22/02, 10/25/05	

The President of the College of Central Florida is the executive officer and corporate secretary of the District Board of Trustees as well as the chief administrative officer of the College, and all the components of the institution and all aspects of its operation are responsible to the Board through the President.

The President is selected and appointed by the District Board in accordance with qualifications prescribed in Florida Board of Education Rules and with criteria established by the Board. The President is charged by these rules and by board policy with carrying out the rules of the Board and with administering the College in the most efficient and effective manner possible. The President is responsible for the establishment of an administrative organization appropriate to the size, complexity, and objectives of the College.

The powers, duties, and responsibilities of the President are enumerated in Florida Statutes and State Board of Education Rules. The statutes and rules cited are incorporated herein as policies of the District Board of Trustees.

**Rules of the District Board:** It is presumed that policies, appointments, programs, and expenditures not recorded in the official minutes of the Board but made and actually in effect were made and put into effect according to rules of the Board. The President shall obtain Board approval for exceptions to rules of the Board.

**Emergency Closing of the College:** In the event of a weather-related or other significant emergency, the President is authorized to temporarily close the college. When doing so, the president will inform the Board of such action.

**Other College Emergencies:** When the safety or security of the College, its students or employees is at risk, the President shall enact such rules and take such action on behalf of the Board of Trustees as he or she deems appropriate in the circumstances to protect the College, its students and employees. Such rules or action shall be brought to the next meeting of the Board of Trustees for ratification.



# COLLEGE OF CENTRAL FLORIDA

## District Board of Trustees

### Meeting Dates for 2019-2020

<u>Date</u>	<u>Location</u>
August 28, 2019	Ocala Campus
September 25, 2019	Hampton Center
October 30, 2019	Ocala Campus
December 4, 2019	Appleton Museum of Art
January 22, 2020	Ocala Campus
February 26, 2020	Levy Campus
March 25, 2020	Ocala Campus
April 22, 2020	Citrus Campus
May 27, 2020	Ocala Campus
June 24, 2020	Ocala Campus

**All meetings begin at 3:00 p.m.**



**Marion County  
Board of County Commissioners**

Office of the County Administrator

601 SE 25th Ave.  
Ocala, FL 34471  
Phone: 352-438-2300  
Fax: 352-438-2309

August 15, 2019

Dr. James D. Henningsen  
President  
College of Central Florida  
3001 SW College Road  
Ocala, FL 34474

RE: Florida Jobs Growth Grant proposal *Marion County Workforce Initiative*

Dear Dr. Henningsen,

It is my pleasure to write a letter of support for the Florida Jobs Growth Grant proposal *Marion County Workforce Initiative (MCWI)*, being submitted by the College of Central Florida, in partnership with the Marion County School District.

This project addresses the needs of numerous employers in the advanced manufacturing, engineering, logistics, and distribution fields throughout Marion County in a broad range of industry and professional occupations. The MCWI grant proposal shows an initiative that will help fill these high-skills, high-wage positions, and provide a greater availability of entry-level employees moving forward.

The timeliness of getting students trained and ready for the work force as outlined in your proposal fits the Florida Jobs Growth Initiative's mission of "A new way to create jobs and economic growth for Florida families." This grant will provide for manufacturing, engineering, logistical and distribution companies, suppliers and educators the ability to exchange ideas, share knowledge, and discuss future opportunities for the mutual benefit of a high-skill, high-wage job environment in Marion County.

In conclusion, I fully support the MCWI grant proposal working with the College of Central Florida and Marion County School District that will benefit our students, Marion County, and the State of Florida.

Sincerely,

Mounir Bouyounes, P.E.  
County Administrator





August 20, 2019

Dr. James D. Henningsen  
President  
College of Central Florida  
3001 SW College Road  
Ocala, FL 34474

Dear Dr. Henningsen,

It is my pleasure to write a letter of support for the Florida Jobs Growth Grant proposal *Marion County Workforce Initiative (MCWI)* being submitted by the College of Central Florida, in partnership with the Marion County School District.

This project addresses the needs of numerous employers in the advanced manufacturing, engineering, logistics, and distribution fields throughout Marion County in a broad range of industry and professional occupations. The MCWI grant proposal shows an initiative that will help fill these high-skills, high-wage positions, and provide a greater availability of entry-level employees moving forward.

The timeliness of getting students trained and ready for the work force as outlined in your proposal fits the Florida Jobs Growth Initiative's mission of "A new way to create jobs and economic growth for Florida families." This grant will provide for manufacturing, engineering, logistical and distribution companies, suppliers and educators the ability to exchange ideas, share knowledge, and discuss future opportunities for the mutual benefit of a high-skill, high-wage job environment in Marion County.

Over the past decade, the City of Ocala has invested millions of tax payer dollars to encourage and support the development of these diverse industries. Now that we are an economic hub for north Central Florida, it is critical that we invest similar dedication and resources to provide the highly skilled workforce necessary to sustain the continued growth of these very valued employment centers.

In conclusion, I fully support the MCWI grant proposal working with the College of Central Florida and Marion County School District that will benefit our students, the City of Ocala, Marion County and the State of Florida.

Sincerely,

Jay Musleh  
City Council President Pro Tem

5 September 2019

Dr. James D. Henningsen  
President  
College of Central Florida  
3001 SW College Road  
Ocala, FL 34474

Dear Dr. Henningsen:

It is my pleasure to write a letter of support for the Florida Jobs Growth Grant proposal *Marion County Workforce Initiative (MCWI)* being submitted by the College of Central Florida, in partnership with the Marion County School District.

This project addresses the needs of numerous employers in the advanced manufacturing, engineering, logistics, and distribution fields throughout Marion County in a broad range of industry and professional occupations. The MCWI grant proposal shows an initiative that will help fill these high-skills, high-wage positions, and provide a greater availability of entry-level employees moving forward.

The timeliness of getting students trained and ready for the work force as outlined in your proposal fits the Florida Jobs Growth Initiative's mission of "A new way to create jobs and economic growth for Florida families." This grant will provide for manufacturing, engineering, logistical and distribution companies, suppliers and educators the ability to exchange ideas, share knowledge, and discuss future opportunities for the mutual benefit of a high-skill, high-wage job environment in Marion County.

In conclusion, I fully support the MCWI grant proposal working with the College of Central Florida and Marion County School District that will benefit our students, Marion County, and the State of Florida

Best,



Kevin T. Sheilley  
President/CEO