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CITY OF ST CLOUD, FLORIDA JOBS GROWTH GRANT APPLICATION

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every student, future ready

School District of
OSCEOLA COUNTY
FLORIDA

FLORIDA DEPARTMENT of ECONOMIC OPPORTUNITY

ENTERPRISE FLORIDA.

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: City of St. Cloud

Federal Employer Identification Number (if applicable): _____

Primary Contact Name: Leslie Flores

Title: Procurement Services Director

Mailing Address: 1300 9th StreetT

St Cloud, FL 34769

Phone Number: 407-957-7318

Email: lflores@stcloud.org

Secondary Contact Name: Tami Ray

Title: AFS Director Woodard & Curran

Phone Number: 850-258-8303

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.

2018-2019 FLORIDA JOB GROWTH GRANT FUND

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.

Osceola Technical College Welding Technology Program - See attached description.

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

The Welding Technology Program will be operated by the School Board of Osceola County and the Osceola Technical College - See attached description

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

Welding is a craft that is in high demand according to the workforce Florida statistics and is listed as a high demand target occupation. The skills provided by this technical program will provide accreditation and licensing See attached description.

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

In 1994, Osceola Technical College began as the only post-secondary training school in the County. Today, the school offers 28 career programs on three campuses that serve the greater central Florida region. See attached.

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

Osceola Technical College follows the Florida Department of Education criteria in establishing classroom frameworks. The College offers state certification and national accreditation for its graduates. See attached.

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

◉ Yes ○ No

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.

The proposal supports a newly formed welding program that will produce highly skilled welders to meet the workforce demand with certified and accredited welders. The workforce demand for welders is high and the job opportunities in the central Florida region are high. New manufacturing that may be relocating or newly formed in the state of Florida need trained, accredited welders. Without the available workforce these manufacturers may locate outside of Florida. It is our desire to meet demands and entice new industry. 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.

B. Does the proposal align with Florida's Targeted Industries?

(View Florida's Targeted Industries here.) ◉ Yes ○ No

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

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

(View Florida's Demand Occupations Lists 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?

Aviation/Aerospace Manufacturing
Homeland Security/Defense Manufacturing
Other Manufacturing

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, etc.) where the training will be available.

The proposed welding training facility will be located at the St Cloud Campus of the Osceola Technical College and will be classroom based with lab based learning. See attached.

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

The classroom and laboratory will be set up for thirty (30) full time students at each enrollment period. See attached.

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

Begin Date:_____ End Date:_____

See attached schedule.

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

See attached sustainability plan.

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 completers in each code, corresponding with Section E.

See attached description of certification and accreditation.

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 match description. The match is pledged by the City of St. Cloud and the facility will be operated and maintained by the Osceola School Board.

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** $ 3,000,000.00
Florida Job Growth Grant Fund

A. Other Workforce Training Project Funding: Sources:

City/County	$ 350,000.00
Private Sources	$
Other (grants, etc.)	$ 35,496.00
Total Other Funding	$ 450,000.00

Please Specify: Annual O&M

B. Workforce Training Project Costs:

Equipment	$ 745,787.00
Personnel	$ 77,000.00
Facilities	$ 2,491,717.00
Tuition	$
Training Materials	$
Other	$ 35,496.00
Total Project Costs	$ 3,450,000.00

Please Specify: Lab Stations

Note: The total amount requested must be calculated by subtracting the total other workforce training project funding sources in A. from the total workforce training project costs in B.

C. 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 Start-up Expenses Description.

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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)?

This proposal and program concept has been approved by the Osceola County School Board, Technical College and the City of St. Cloud. The City of St. Cloud City Council would need to approve acceptance of the grant award.

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.

City Council meets the 2nd and 4th Thursday of each month at 6:30 pm. Special sessions may be called if required with 48 hours prior notice to the public.

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 documentation supporting the authority to execute this application.

WORKFORCE TRAINING GRANT PROPOSAL

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: City of St Cloud

Name and Title of Authorized Representative: Bill Sturgeon, City Manager

Representative Signature: William E. Sturgeon

Signature Date: 2/4/2020

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

The ***Osceolla Technical College Welding Technology Program*** is a coordinated effort between the *City of St. Cloud and the School District of Osceola County*. Coordination between the municipal government and school district began months ago when the need for an established training program for certified welders was identified. It is the hope of the cooperating partners that a welding technology program be established by the Osceola Technical College to address the advancing need for trained and certified welders in the state of Florida and most importantly the central Florida area.

Assistance from the Florida Department of Economic Opportunity will establish a Welding Institute within the City of St. Cloud to prepare participants for nationally recognized certifications in welding. The Institute will be located in a City of St Cloud owned facility and operated by the Osceolla Technical College, St. Cloud Campus. The program will provide participants the necessary training and testing to obtain jobs in the welding industry and satisfy a growing jobs need in Florida. Currently, over 14,000 jobs annually for certified welders in the state. It is recognized that this continues to grow by 6-8% annually. Florida has one of the most aggressive new construction growth rates in the nation and this, coupled with the continuing demand, requires a trained workforce of newly skilled individuals.

The demand for certified welders will impact the Florida Workforce by filling the high-wage job expectations as a unexperienced certified welder starting wage is approximately $13.00 per hour and an experienced certified welder is upward of $22.00 per hour. Due to the aggressive marketspace for new construction in Florida of $567 billion, and the continuing growth, it is imperative that skilled labor is available to fulfill this need. The Institute will develop a trained workforce to meet the needs of Osceola County and the greater central Florida area. It is our expectation that the workforce effect will extend throughout the state as enrollment in the program propagates. The proposed training program will provide education in the use of blueprints, welding processes, use of gases and lab activities. Participants will be expected to be proficient in various processes and techniques of welding such as: oxyacetylene cutting (OFC), Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW) as a few examples. The curriculum will be industry-specific and address all requirements of Nationally Recognized Certification requirements.

Due to the increasing Florida population growth rate the need for a skilled welding workforce continues to be a challenge. Current workforce numbers area affected by a variety of issues including a high percentage of skilled welders are reaching retirement age and a newly trained workforce pool is at a shortfall. As the ***Tampa Bay Times*** reported in August ***'Florida Construction projects slowed by worker shortage. Program could get worse.'*** The Vice-President of KAST Construction in Tampa stated "We're seeing a real shortage of available workers and It's grown into a serious issue that affects costs." Other General Contractors throughout Florida have stated ***"It's a pretty significant crisis"***. According to the ***American Welding Society,*** the US will face a shortage of 400,000 welders by the year 2024. The reasons given are ageing population of current welders and absence of new welders with competent skill sets. The lack of newly trained and skilled welders coupled with the growing Florida demand is set to converge at sometime soon and dramatically affect the jobs market and our state economy. The strong need for welders in our state economy is evident given that welders are necessary for virtually all new construction and manufacturing companies from the production of assemblies to maintenance and repair.

'Skilled welders are in short supply and the situation is only getting worse.' American Welders Society

Recognizing this convergence, and hoping to decrease the immediate effect on the central Florida area, the City of St. Cloud and the School District of Osceola County, in coordination with the Osceola Technical College desire to partner with the Florida Department of Economic Opportunity to create a solution by delivering a skilled and certified welding workforce to Florida.

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

The City of St Cloud proposal clearly defines and supports the Osceola Technical College in creating, developing and expanding the Welding Institute to be managed by the Osceola Technical College staff. This proposal will support the City and School Board in remodeling an existing structure to incorporate classrooms, provide welding workstations and ventilation systems, and support the Osceola Technical College in staffing.

The proposed approach is to fast-track the training and testing that will provide the required certifications to immediately begin to impact the jobs market. The Florida Department of Education in partnership with technical colleges and industry partners throughout the state has a well-defined Curriculum Framework for the Welding Technology program that would be implemented at Osceola Technical College.

The following table illustrates the postsecondary program structure:

OCP	Course Number	Course Title	Length	SOC Code
			150 hours	51-9198
	PMT0070	Welder Assistant 1	150 hours	51-9198
A	PMT0071	Welder Assistant 2		
			150 hours	51-4121
	PMT0072	Welder, SMAW 1	150 hours	51-4121
B	PMT0073	Welder, SMAW 2		
C	PMT0074	Welder	450 hours	51-4121

The **Welder Assistant 1** course prepares students for entry into the welding industry. Students explore career opportunities and requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study workplace safety and organization, basic manufacturing processes, metals identification, basic interpretation of welding symbols, and oxyfuel gas cutting practices.

The **Welder Assistant 2** course is designed to build on the skills and knowledge students learned in Welder Assistant 1 for entry into the welding industry. Students explore career opportunities and requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study drawings and welding symbols, intermediate oxyfuel gas cutting practices, plasma arc cutting principles, and basic shielded metal arc welding (SMAW).

The **Welder SMAW 1** course prepares students for entry into the welding industry as a basic Shielded Metal Arc Welder. Students explore career opportunities and requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study basic shielded metal arc welding (SMAW), Carbon Arc Gouging (GAC) principles, and visual examination skills.

The **Welder SMAW 2** course is designed to build on the skills and knowledge students learned in Welder SMAW 1 for entry into the welding industry as a basic Shielded Metal Arc Welder. Students explore career opportunities and requirements of a professional welder. Content emphasizes beginning skills key to the success of working in the welding industry. Students study employability and welding careers, and intermediate shielded metal arc welding (SMAW).

The **Welder** course builds on the skills and knowledge students learned in the Welder Assistant and Welder SMAW courses. Students explore career opportunities and requirements of a professional welder. Content emphasizes skills key to the success of working in the welding industry. Students study basic and intermediate Gas Metal Arc Welding

(GMAW), basic and intermediate Flux-Core Arc Welding (FCAW), basic and intermediate Gas Tungsten Arc Welding (GTAW), and a basic understanding of pipe welding.

After successfully completing this program in its entirety, the student will be able to perform the following:

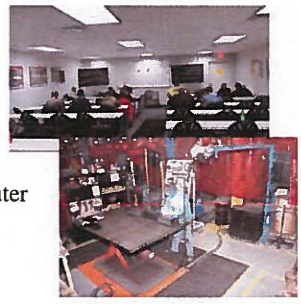
01.0 Demonstrate an understanding and apply workplace safety and workplace organization skills.
02.0 Demonstrate basic knowledge of industrial and manufacturing processes.
03.0 Describe and identify metals and their properties accurately.
04.0 Demonstrate and apply basic knowledge of drawing and interpreting AWS welding symbols.
05.0 Apply basic oxy-fuel gas cutting principles and practices.
06.0 Create a product using basic oxy-fuel gas cutting principles and practices.
07.0 Apply intermediate oxy-fuel gas cutting principles and practices.
08.0 Demonstrate plasma arc cutting principles and practices.
09.0 Demonstrate a basic understanding of shielded metal arc welding (SMAW).
10.0 Create a product using basic shielded metal arc welding (SMAW) principles and practices.
11.0 Apply basic shielded metal arc welding (SMAW) skills.
12.0 Demonstrate and apply Carbon Arc Gouging (GAC) principles and practices.
13.0 Apply visual examination skills.
14.0 Create a product using Carbon Arc Gouging and basic shielded metal arc welding (SMAW) principles and practices.
15.0 Demonstrate an understanding of employability skills and career opportunities related to the welding industry.
16.0 Apply intermediate shielded metal arc welding (SMAW) skills.
17.0 Create a product using intermediate shielded metal arc welding (SMAW) principles and practices
18.0 Apply basic gas metal arc welding (GMAW) skills.
19.0 Apply intermediate gas metal arc welding (GMAW) skills.
20.0 Apply basic flux-core arc welding (FCAW) skills.
21.0 Apply intermediate flux-core arc welding (FCAW) skills.
22.0 Apply basic gas tungsten arc welding (GTAW) skills.
23.0 Apply intermediate gas tungsten arc welding (GTAW) skills.
24.0 Demonstrate and apply basic pipe welding principles and practices.

These standards are also aligned to the corresponding national standards provided by the American Welding Society.

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the manufacturing career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the manufacturing career cluster. This program offers a broad foundation of knowledge and skills to prepare students for employment in the welding industry. Instruction would take place via a combination of the classroom, computer lab, and workshop learning environments.

Facilities Plan

The current plan set forth by the City of St. Cloud is to use existing structures owned and maintained by the City for the purpose of accommodating the Welding Institute. The government owned facility requires renovation to house multiple classrooms, lab and welding workstations. The building currently is estimated at a $350,000 value and has been offered as a pledge by the City of St. Cloud to the sole purpose of providing available space for the Osceola Technical College to occupy the Welding Institute. The proposal is to create a leading welding program for central Florida that will start with thirty (30) workstations and be adaptable for future growth and expansion as the program succeeds. The proposed project includes welding equipment for thirty (30) workstations with positive ventilation systems; computer labs for two (2) classrooms; two (2) classrooms; staffing and remodeling.



Students will have the following access for direct hands-on training:

Two (2) Classrooms	**Accommodate up to thirty (30) fulltime students**
Two (2) Computer Labs	**Accommodate up to thirty (30) fulltime students**
Workstations	**Thirty (30) Welding Workstations**
Staffing	

Program Schedule

The Welding Technology program is 1050 hours in length which corresponds to ten months of instruction for a full-time student. This is equivalent to one school year. If this program were to start in the 2020 – 2021 school year, the start date of the program would be August 10th, 2020 and the end date would be variable as to when a student entered the program. All students would be scheduled for and required to complete the 1050 hours of the program regardless of when they entered the program.

Proposed use of funds includes:

- Capital Improvement of existing building to retrofit and update to include a fully functional welding bay equipped with thirty welding booths
- Capital improvement of existing building to retrofit and update to include four fully functioning classrooms
- Professional Development and Continued training for the instructor(s)
- Student Liability Insurance
- Travel for the instructor(s) to attend professional development and industry events as well as job shadowing
- Certified Welder Industry Certification Testing
- OSHA-10 and CPR/First Aid Training and Testing
- Supplies such as safety glasses, hearing protection, de-greaser hand soap, and other such items
- Instructional materials such as textbooks, workbooks, software, online access fees and other such items
- Capitalized computer hardware to include thirty Latitude 3400 laptops and a laptop cart
- Capital equipment such as a central fume system, power wave multi-process welders, plasma cutters, tig welders, downdraft welding tables, rod ovens, welding rods, virtual welding simulators, CNC plasma tables, and other such items as defined by the curriculum frameworks.
- Non-Capital Equipment such as plasma cutting grids, welding safety equipment, OXY fuel gas cutting packages, welding wire and other such items.

Timeline

It is proposed that acquisition of equipment, installation and retrofit will occur while students are invited to enroll in upcoming courses in Fall 2020. The proposed launch will enroll students by August 2020 for coursework while workstations and additional retrofits will be completed. Students will receive the benefit of beginning classes during the Spring and continue with a work-based training center soon after enrollment.

It is proposed that while execution of installation occurs students will be able to complete coursework in a classroom setting. While planning and installation occur, the first enrollment of students will be able to complete the first three to four weeks of class studies. It is also proposed that testing occur at the Welding Institute in St. Cloud until National Certification is achieved.

ACTIVITY	GOAL
Facility Retrofit	July 2020
Classes Begin	August 2020
First Graduating Class	August 2021
Three Year Project Period	Estimated 90 Graduates by August 2023
Five Year Project Period	Estimated 150 Graduates by August 2025

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

Upon successful completion of the Welding Technology program, students will receive an official Certificate of Program Completion from Osceola Technical College. Students who are successful on the Certified Welder certification will also receive an official notice of their advanced credential through the American Welding Society.

Welding crosses many commercial and industrial job position needs. It may be plumbers, general contractors or metalworks businesses that need a certified welder. Currently, ***Indeed.com*** has seventy-four (74) open positions for welders with starting pay from $14.00 per hour upward. These positions are diverse; pipe welders, metalworks, architectural, fencing, maintenance, structural, fabrication, etc. This is only one example of the immediate jobs need in welding. Each of these positions require national certification and are looking for hands on skills. The Welding Institute will deliver qualified, trained, skills based, and certified welders to help meet this demand.

The program will provide transferrable credentials to professional welders who have demonstrated skills that are being sought after by the industry. These certifications will remain valid as long as the participant submits their required certification documents on a regular basis. This means the impact of each certified graduate will continue for many years to come as they continue their career.

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

Osceola Technical College, the City of St. Cloud, and the Osceola County School Board are public advocate organizations that have a steady outreach program to encourage public involvement and participation in all activities offered by each entity. It is our plan to continue a multi-faceted approach to encourage public involvement in our activities and develop a specific agenda to market this opportunity for public encouragement. The marketing approach will be established to reach all demographics: unemployed, employed, low income, displaced workers, veterans, and other disadvantaged populations. The program will only be available to qualified individuals over the age of 18 as required by Federal Law.

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

Osceola Technical College is governed by the Osceola County School Board and is accredited by AdvancED and the Council on Occupational Education (COE). COE accreditation allows Osceola Technical College to offer Career Pathway programs such as the Welding Technology program.

Students would be considered graduates of this program by satisfying the following parameters:

- Successfully completed each course in the program with a 70% average or higher
  - This would correlate to the successful completion of the 1050 program hours
- Successful completion of the Basic Skill Requirements of the program by achieving a 9th grade equivalency score in the Mathematics, Language, and Reading sections of the Test of Adult Basic Education exam to be administered at Osceola Technical College

  OR
- Successful completion of the Basic Skill Requirements of the program by meeting a state defined exemption to be evaluated by Osceola Technical College

- 100% of the training will be conducted at Osceola Technical College's St. Cloud campus located at 2901 17th Street, St. Cloud, FL 34769

After successfully completing this program in its entirety, the student will be able to perform the following:

25.0 *Demonstrate an understanding and apply workplace safety and workplace organization skills.*
26.0 *Demonstrate basic knowledge of industrial and manufacturing processes.*
27.0 *Describe and identify metals and their properties accurately.*
28.0 *Demonstrate and apply basic knowledge of drawing and interpreting AWS welding symbols.*
29.0 *Apply basic oxy-fuel gas cutting principles and practices.*
30.0 *Create a product using basic oxy-fuel gas cutting principles and practices.*
31.0 *Apply intermediate oxy-fuel gas cutting principles and practices.*
32.0 *Demonstrate plasma arc cutting principles and practices.*
33.0 *Demonstrate a basic understanding of shielded metal arc welding (SMAW).*
34.0 *Create a product using basic shielded metal arc welding (SMAW) principles and practices.*
35.0 *Apply basic shielded metal arc welding (SMAW) skills.*
36.0 *Demonstrate and apply Carbon Arc Gouging (GAC) principles and practices.*
37.0 *Apply visual examination skills.*
38.0 *Create a product using Carbon Arc Gouging and basic shielded metal arc welding (SMAW) principles and practices.*
39.0 *Demonstrate an understanding of employability skills and career opportunities related to the welding industry.*
40.0 *Apply intermediate shielded metal arc welding (SMAW) skills.*
41.0 *Create a product using intermediate shielded metal arc welding (SMAW) principles and practices*
42.0 *Apply basic gas metal arc welding (GMAW) skills.*
43.0 *Apply intermediate gas metal arc welding (GMAW) skills.*
44.0 *Apply basic flux-core arc welding (FCAW) skills.*
45.0 *Apply intermediate flux-core arc welding (FCAW) skills.*
46.0 *Apply basic gas tungsten arc welding (GTAW) skills.*
47.0 *Apply intermediate gas tungsten arc welding (GTAW) skills.*
48.0 *Demonstrate and apply basic pipe welding principles and practices.*

These standards are also aligned to the corresponding national standards provided by the American Welding Society.

Upon successful completion of the Welding Technology program, students will receive an official Certificate of Program Completion from Osceola Technical College. Students who are successful on the Certified Welder certification will also receive an official notice of their advanced credential through the American Welding Society.

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

YES [X] NO [ ]

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 the proposed training.

The City of St. Cloud population data demonstrates 35k in 2010 and 55k in 2019. This aggressive population increase is expected to continue with projections being a 92% increase in population by 2025. This level of growth is difficult to plan or manage but the City is working diligently to manage the residential growth while encouraging commercial and industrial growth by promoting economic development in the region. One of the regional demands for job growth that links the City's desire to encourage

high wage growth is welding. The economic opportunities being evaluated and executed encourage job demands for certified welders. The regional number of certified welders available in the central Florida market are below current need projections. The Welding Institute will provide available labor force to meet and encourage the economic opportunity regional demands. Available work force will inspire economic investors to move forward with commercial and industrial development in the region.

The Welding Institute is expected to begin with thirty (30) fulltime students enrolled in 2020. It is expected that the continued regional growth will expand the program by the year 2022. Based upon these expectations the first class of thirty certified graduates would occur by Fall 2021. Delivery of these additional welders to the local employee seekers should help fill the immediate gap and encourage new businesses that are looking to develop in and around the greater St. Cloud area to do so. The team fully anticipates this to grow to a total of over two hundred (200) graduates by 2022-2023 FY. The availability of skilled and licensed work force will encourage vast opportunities in commercial and industrial development. The regional economic development plan goes 'hand-in-hand' with the outpour of available work force.

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 [X]

If yes, please provide an explanation for how the funds from this grant will be used to enhance the existing program.

B. Does the proposal align with Florida's Targeted Industries?
(View Florida's Targeted Industries here.)

YES [X] NO [ ]

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

Yes, the target industries that require certified welders include Homeland Security/Defense, CleanTech, Aviation Aerospace, and other manufacturing. Welders are required by a variety of industrial, commercial and technology investors. Welders are required by manufacturing, production and other general contract purposes.

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 Lists here.)

YES [X] NO [ ]

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

514121 **Welders, Cutters, Solderers, and Brazers**

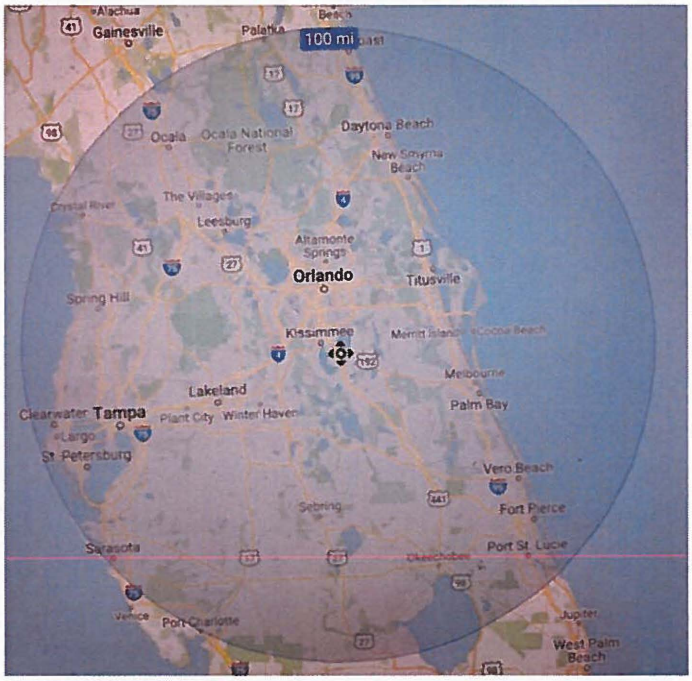
D. Indicate how the training will be delivered (e.g., classroom-based, computer-based, other).If in-person, identify the location(s) (e.g., city, campus, etc.) where the training will be available.

If computer-based, identify the targeted location(s) (e.g. city, county, statewide, etc.) where the training will be available

The training will be delivered in a classroom setting with available lab and workstations for student hands-on learning. 100% of the training will take place in the proposed facility associated with the St. Cloud Campus of the Osceola Technical College at the Welding Institute.

Project will be located within the City of St. Cloud on the St. Cloud campus of the Osceola County Technical College:

The area to be served is within 100 miles of the City of St. Cloud, Florida:



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

FY 2020/2021 Thirty (30) Fulltime Students
The program fully expects to grow based upon enrollment.

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

The Welding Technology program is 1050 hours in length which corresponds to ten months of instruction for a full-time student. This is equivalent to one school year. If this program were to start in the 2020 – 2021 school year, the start date of the program would be August 10th, 2020 and the end date would be variable as to when a student entered the program. All students would be scheduled for and required to complete the 1050 hours of the program regardless of when they entered the program.

- **Number of hours total per year.**

1050 hours or 10 months for a full-time student.

Begin Date: 8/10/2020 End Date: 8/10/2020 (variable based on student)

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

Osceola Technical College and the School District of Osceola County will allocate workforce dollars, Perkin's Grant funds, and FEFP funding to maintain this program once the grant has been expended. Grants and appropriation requests through the Florida Legislature will also be sought for program growth and expansion.

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 completers in each code, corresponding with Section E.

Upon successful completion of the Welding Technology program, students will receive an official Certificate of Program Completion from Osceola Technical College. Students who are successful on the Certified Welder certification will also receive an official notice of their advanced credential through the American Welding Society.

CIP Code 48.0508 100% Completers

I. Does this project have a local match amount?

YES [X] NO [ ]

If yes, please describe the entity providing the match and the amount.

The City of St. Cloud has pledged the facility owned and maintained by the City of St. Cloud for the purpose of developing the Welding Institute. The estimated value is $350,000.00. The Osceola School Board has agreed to operate and maintain the facility.

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

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 $ 3,000,000.00

Florida Job Growth Grant Fund

A. Other Workforce Training Project Funding: Sources:

City/County	$ 350,000.00 (Facility)	
Private Sources	$ 0.00	
Other (grants, etc.)	$ 100,000.00	Please Specify: Annual O&M
Total Other Funding	**$ 450,000.00 (Facility, Operations, Maintenance)**	

B. Workforce Training Project Costs:

Equipment	$ 745,787.00	
Personnel	$ 77,000.00	
Facilities	$ 2,491,717.00	
Tuition	$	
Training Materials	$	
Other	$ 35,496.00	Please Specify: Lab Stations
Total Project Costs	$3,450,000.00	

C. 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.

STARTUP EXPENSES

Welding Institute

BUILDINGS/REAL ESTATE	AMOUNT
Purchase	$350,000.00
Remodeling	$2,141,717.00
Total	**$2,491,717.00**

EQUIPMENT PURCHASES	AMOUNT
Welding Stations/Lab	$745,787.00
Total	**$745,787.00**

Personnel Costs	AMOUNT
Instructional Staffing	$42,000.00
Non-Instructional Staffing	$35,000.00
Total	**$77,000.00**

Other	AMOUNT
Furniture/WorkStations	$35,496.00
Total	**$35,496.00**

STARTUP EXPENSES	TOTALS
Buildings/real estate	$2,491,717.00
Equipment Purchases	$745,787.00
Personnel Costs	$77,000.00
Lab Stations	$35,496.00
Operations and Maintenance	$100,000.00
Total	**$3,450,000.00**

Item Descriptions:

Salary – (Full-time, will dedicate 100% of time to project.) Non-Instructional	**Non-Instructional Coordinator provides overall supervision including facilities coordination. The Coordinator aids recruitment, enrollment development and follow up with students to provide support services/job placement.**
Salary – (Full-time, will dedicate 100% of time to project.) Instructional	Provides overall training, hands on education and facilities coordination. Provide students support and job placement aide.
Remodeling	Design, permitting, and remodel of the existing facility currently owned and maintained by the City of St. Cloud. The facility has been pledged for the Osceola Technical College Welding Institute.

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)?

City of St. Cloud Council has approved the FDEO Jobs Growth Grant Application for submittal. Once approved the Council would need to formally accept the grant and approved the grant agreement.

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.

City council meets on the 2nd and 4th Thursday of every month at 6:30 p.m. (unless otherwise advertised). Meetings are held at City Hall in Council Chambers:

1300 9th Street
Building A, 3rd Level
St. Cloud, FL 34769

ii. State whether entity is willing and able to hold special meetings, and if so, upon how many days' notice.

Yes – with at least two weeks' notice

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 EVIDENCE OF AUTHORITY:

Education Foundation
Osceola County
ESTABLISHED 1985

October 25, 2019

Florida Department of Economic Opportunity
107 East Madison Street
Tallahassee, FL 32399

To Whom It May Concern:

This letter is to request funding approval for the City of St Cloud Jobs Growth Grant application under the Florida Department of Economic Opportunity. Grant funds are being requested in support of Osceola Technical College, the School District of Osceola County, and the City of St Cloud planning and implementing a welding program for this region of the state of Florida, in conjunction with other appropriate agencies.

Welding is a high demand career field that is expected to gain over 1,600 new jobs by 2026 with a median hourly wage of $17.44 according to the DEO's most current statewide employment projections. Furthermore, the Certified Welder certification is a sought-after advanced credential for employers throughout our state. The goal of the Education Foundation's Construction Pipeline is to educate students about the different careers available to them in the industry. We want them to realize there are many options for high wage/high demand jobs in the construction industry. There is a shortage in these fields, so we hope to increase the students pursuing these pathways. The Welding program at oTECH would help train and prepare students for many of these opportunities and would be a great asset to our community. It is our desire to demonstrate our full support of the grant application and program implementation.

If you have any questions or concerns, feel free to contact me at 407-870-4855 or email me at Kerry.Avery@osceolaschools.net. We look forward to building a superior welding program in the City of St. Cloud in partnership with Osceola Technical College and the School District of Osceola County and developing a highly skilled group of certified welders for job placement in Florida.

Sincerely,

Kerry Avery
Executive Director

2310 New Beginnings Road • Kissimmee, FL 34744 • Phone (407) 870-4855 • Fax (407) 343-8624 • www.foundationosceola.org

Education Foundation
Osceola County
ESTABLISHED 1985

October 24, 2019

The Florida Senate
The Florida House of Representatives
404 S. Monroe St.
Tallahassee, FL 32399

To Whom It May Concern:

This letter is to request Project Request appropriations from the Florida Legislature in support of Osceola Technical College, the School District of Osceola County, and the City of St Cloud planning and implementing a welding program for this region of the state of Florida, in conjunction with other appropriate agencies.

Welding is a high demand career field that is expected to gain over 1,600 new jobs by 2026 with a median hourly wage of $17.44 according to the DEO's most current statewide employment projections. Furthermore, the Certified Welder certification is a sought-after advanced credential for employers throughout our state. The goal of the Education Foundation's Construction Pipeline is to educate students about the different careers available to them in the industry. We want them to realize there are many options for high wage/high demand jobs in the construction industry. There is a shortage in these fields, so we hope to increase the students pursuing these pathways. The Welding program at oTECH would help train and prepare students for many of these opportunities and would be a great asset to our community. It is our desire to demonstrate our full support of the grant application and program implementation.

If you have any questions or concerns, feel free to contact me at 407 870 4855 or email me at Kerry.Avery@osceolaschools.net. We look forward to building a superior welding program in the City of St. Cloud in partnership with Osceola Technical College and the School District of Osceola County and developing a highly skilled group of certified welders for job placement in Florida.

Sincerely,

Kerry Avery
Executive Director

Thomas Ott
Principal
Osceola Technical College
501 Simpson Road
Kissimmee, Florida 34744-4492

Tom,

Thanks for contacting me about the proposed Welding Institute program at the St. Cloud campus. There is a critical need for welders in the construction industry, as well as manufacturing and other industrial employers.

In the latest DEO data for Florida, there were nearly 14,000 jobs held by "Welders, Cutters, Solderers, and Brazers" earning a starting wage of $13.53 (with no skills), up to $21.84 for experienced craftsmen. Since welding skills enhances the earning of trades working with metals – including ironworkers, plumbers, pipefitters and steelworkers – they can earn more as they become more productive in the field or in the shop.

The construction industry employs a total of about 567,000 workers in Florida working on billions of dollars of new construction, and has been growing at a rate of 5-8% per year. After completing requisite training and passing nationally recognized certifications, skilled welders can earn great salaries with lots of overtime potential, with virtually unlimited opportunities everywhere in the state.

Thanks for taking on this initiative, and the construction industry would certainly welcome the skilled welders it would produce.

Please contact me if you need additional information.

Sincerely,

Mark P. Wylie
President & CEO

CareerSource
CENTRAL FLORIDA

November 5, 2019

The Florida Senate
The Florida House of Representatives
404 S. Monroe St.
Tallahassee, FL 32399
Re: Osceola Technical College, Welding Institute Fund

To Whom It May Concern:

This letter is to request Project Request appropriations from the Florida Legislature in support of Osceola Technical College, the School District of Osceola County, and the City of St Cloud planning and implementing a welding program for this region of the state of Florida, in conjunction with other appropriate agencies.

Welding is a high demand career field that is expected to gain over 1,600 new jobs by 2026 with a median hourly wage of $17.44 according to the DEO's most current statewide employment projections. Furthermore, the Certified Welder certification is a sought-after advanced credential for employers throughout our state. It is our desire to demonstrate our full support of the grant application and program implementation.

If you have any questions or concerns, feel free to contact me at 407-531-1222 x2048 or email me at mcoenen@careersourcecf.com. We look forward to building a superior welding program in the City of St. Cloud in partnership with Osceola Technical College and the School District of Osceola County and developing a highly skilled group of certified welders for job placement in Florida.

Sincerely,

Mimi Coenen
Chief Operating Officer
CareerSource Central Florida

"A Rising Tide Lifts All Ships." - Together we can do what no individual organization or business can achieve on its own.

1200 New York Avenue
St. Cloud, Florida 34769
Phone: (407) 892-3671
Fax: (407) 892-5289
info@stcloudflchamber.com

October 17, 2019

Dear Sir:

Every Chamber of Commerce experiences a rush of excitement when a program is brought forth that helps propel its community forward. I enthusiastically support Osceola Technical College's Welding Technology program.

The Chamber feels this program will strongly impact our workforce for years to come.

Respectfully,

Dirk E Webb

Dirk E Webb, President and CEO
St. Cloud Greater Osceola Chamber of Commerce

Mission Statement:

Creating community and business prosperity through education, advocacy and well-planned development.

BUSINESS PARTNER SHARING OUR VISION

TRUSTEE PARTNERS

City of St. Cloud

OUC – The Reliable One

ACCREDITED INSTITUTION

Osceola Technical College (oTECH)

St. Cloud

2901 17th Street, St. Cloud, FL

is accredited by the
Commission of the Council on Occupational Education
and is entitled to the recognition and privileges resulting therefrom.

Dr. Lois M. Gackenheimer RN

Dr. Lois M. Gackenheimer RN
Chair

COUNCIL ON OCCUPATIONAL EDUCATION
COE
1972

Gary Puckett

Gary Puckett
Executive Director

ID#: 205004
Effective Date: July 1, 2019
Expiration Date: June 30, 2020

ACCREDITED INSTITUTION

Osceola Technical College (oTECH)

501 Simpson Road, Kissimmee, FL

is accredited by the
Commission of the Council on Occupational Education
and is entitled to the recognition and privileges resulting therefrom.

Dr. Lois M. Gackenheimer RN
Dr. Lois M. Gackenheimer RN
Chair

Gary Puckett
Gary Puckett
Executive Director

ID#: 205000
Effective Date: July 1, 2019
Expiration Date: June 30, 2020