



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.

Entity Information

Name of Entity: Chipola College

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

Contact Information:

Primary Contact Name: Dr. Sarah Clemmons

Title: President

Mailing Address: 3094 Indian Circle
Marianna, FL 32446-1701

Phone Number: 850.718.2288

Email: clemmonss@chipola.edu

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:

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.
Chipola College Welding Program Compliance Request. Additional information attached.
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- B. Describe how this proposal supports programs at state colleges or state technical centers.

Participants are trained in welding skills, primary and advanced, and such skills are transferable and provide multiple employment points. See attached.

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

Welding skills transfer to aero-, auto-, ship-, and other building / manufacturing firms, in addition to local level entrepreneurial opportunities. See attached.

- D. Does this proposal support a program(s) that is offered to the public?

Yes No

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

The Chipola College Welding Program follows the approved FLDOE curriculum frameworks for welding and advanced welding. Program codes are: J400-400 and J400-410 (advanced). CIP codes: 0648050805 and 0648050806

- 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 jobs 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.

Industry demand for entry-level through highly skilled welders is increasing with the advent of growing manufacturing across north Florida. Major manufacturers gearing up for large projects include Eastern Shipbuilding, Berg Pipe, BAE Systems, and North Florida Shipyard.

See attached for more details.

2. Additional Information:

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

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

Yes No

If yes, please indicate the targeted industries with which the proposal aligns.

If no, with which industries does the proposal align?

Cleantech; Aviation/Aerospace; Homeland Security/Transportation; Other Manufacturing

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 Occupation Lists [here.](#))

Yes No

If yes, please indicate the occupation(s) with which the proposal aligns.

If no, with which occupation does the proposal align?

Welding



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.

Classroom - Chipola College, Marianna, FL

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

50 students annually; 25 completers each year.

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

Begin Date: each semester End Date: 12 months

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

The program is sustained through enrollment and related fees. The equipment request will support the ongoing changes to the industry standards and requirements of knowledge and skills expected of new, entry-level employees.

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.

Welding CIP 064805085 has 3 occupational completion points and culminates in a certificate of completion.

Welding CIP 064805086 is an advanced welding course with 2 OCP's and a certificate.



I. Does this project have a local match amount?

Yes No

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

N/A

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

See attached

3. Program Budget

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

A. Workforce Training Project Costs:

Equipment	<u>\$76,240</u>	
Personnel	<u>\$0</u>	
Facilities	<u>\$0</u>	
Tuition	<u>\$0</u>	
Training Materials	<u>\$0</u>	
Other	<u>\$0</u>	Please Specify: _____
Total Project Costs	<u><u>\$76,240</u></u>	

B. Other Workforce Training Project Funding Sources:

City/County	<u>\$0</u>	
Private Sources	<u>\$0</u>	
Other (grants, etc.)	<u>\$0</u>	Please Specify: _____
Total Other Funding	<u><u>\$0</u></u>	

Total Amount Requested \$76,240

Note: The total amount requested must equal the difference between the workforce training project costs in 3.A. and the other workforce training project funding sources in 3.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

4. Approvals and Authority

- 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)?

Acceptance of funds and initiating the project can start upon review of the agreement and consensus by the Chipola College Board of Trustees.

- 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.

Every 3rd Tuesday of each month.

- ii. State whether that group can hold special meetings, and if so, upon how many days' notice.

7 days notice according to Section 120.525 F.S.

- 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.



I, the undersigned, do hereby certify that I have express authority to sign this proposal on behalf of the above-described entity.

Chipola College
Name of Entity: Sarah Clemmons
Dr. Sarah Clemmons, President
Name and Title of Authorized Representative: _____
SC
Representative Signature: _____
Signature Date: 09/22/2017

Chipola College, Marianna, FL

DEO Application for <https://www.enterpriseflorida.com/florida-job-growth-grant-fund/>

Welding Program request

Florida Job Growth Grant Fund Workforce Training Grant Proposal

Contact: Dr. Sarah Clemmons, President

Phone: 850.718.2288

Email: clemmonss@chipola.edu

Address: 3094 Indian Circle, Marianna, FL 32446-1701

CareerSource Region 3 – CareerSource Chipola

Supplemental Instruction Responses

Workforce Training Grant Eligibility

- Pursuant to 288.101, F.S., Chipola College is eligible to apply for these funds.
- 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:

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

Chipola College Welding Program Compliance request.

Applied Welding PSAV J400400, CIP 064805085

Advanced Welding PSAV J400410, CIP 064805086

Chipola College offers Welding and Welding Advanced, with NCCER credentials (industry-recognized practical exams of knowledge and skills). Each program has occupational completion exits and certificates of completion. The program is approximately 12 months for a full-time student.

In order to maintain training and credentials recognized by the Florida Department of Education (FLDOE) and industry, the college needs to add four key pieces of equipment to the lab practical component of the curriculums. This mandate is addressed in the curriculum frameworks, CTE Standards and Benchmarks as follows:

- 01.0 Apply intermediate shielded metal arc welding (SMAW) pipe welding (B-Class Welder) skills.
- 02.0 Apply and understand fabrication techniques using pipe fitting techniques.
- 03.0 Apply advanced gas-tungsten arc welding (GTAW) pipe skills.
- 04.0 Apply advanced gas-tungsten arc welding (GTAW) and shielded metal arc welding (SMAW) heavy-wall pipe skills.

Chipola College, Marianna, FL

DEO Application for <https://www.enterpriseflorida.com/florida-job-growth-grant-fund/>
Welding Program request

05.0 Apply emerging welding technologies.

The college does not have a metal lathe, milling machine, plate roll, or pipe cutter/welder to teach these mandated skills.

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

Chipola College has a FLDOE approved Welding program, part of its Workforce Training Department. Students attending Chipola can transfer their clock or credit hour courses to any of Florida's approved state college or state technical center programs.

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

Welding skills transfer to aero-, auto-, ship-, and other building / manufacturing firms, in addition to local level entrepreneurial opportunities. There are many small welding shops located in northwest Florida that serve the agriculture industry, providing maintenance and repair of large agriculture equipment during planting and harvest seasons. Many students from Chipola and other regional technical schools become contract employees, serving the manufacturing industry in California, North Dakota, South Dakota, Texas, and south Florida.

The Chipola Welding program is partnered with NCCER, a nationally accredited agency representing workers in the manufacturing and construction industries. NCCER designed their credentialing system to be transportable; as identified by the information provided through their website, <https://www.nccer.org/about-us>.

NCCER is a not-for-profit 501(c)(3) education foundation created in 1996 as The National Center for Construction Education and Research. It was developed with the support of more than 125 construction CEOs and various association and academic leaders who united to revolutionize training for the construction industry. . . NCCER develops standardized construction and maintenance curriculum and assessments with portable credentials. These credentials are tracked through NCCER's Registry System that allows organizations and companies to track the qualifications of their craft professionals and/or check the qualifications of possible new hires. NCCER's Registry System also assists craft professionals by maintaining their records in a secure database.

Chipola College's welding instructor is a certified NCCER instructor.

D. Does this proposal support a program that is offered to the public? Yes

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

The Chipola College Welding program follows the approved FLDOE curriculum frameworks for welding and advanced welding. Program codes are:

Chipola College, Marianna, FL

DEO Application for <https://www.enterpriseflorida.com/florida-job-growth-grant-fund/>

Welding Program request

J400400 CIP 064805085

J400410 CIP 064805086

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

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 on the community, region, or state and the associated metrics used to measure the success of the proposed training.

Industry demand for entry-level through highly skilled welders is increasing with the advent of growing manufacturing across north Florida. Major manufacturers gearing up for large projects include Eastern Shipbuilding and Berg Pipe in Panama City, and BAE Systems and North Florida Shipyard in Jacksonville.

The www.GoWeldingNetwork.org estimates there are 2,600 annual welding positions available with employers between Jacksonville, Florida and Texas. ***This estimate was established prior to Hurricanes Matthew and Irma.*** These two events will generate a greater need for construction and manufacturing skilled labor to rebuild infrastructure through Texas and Florida.

Locally, Eastern Shipbuilding won a federal contract to build Coast Guard cutters and another contract to manufacture ferries for the Staten Island Ferry system. The company is revamping the Nelson Shipyard to manage the manufacture of the Coast Guard contract. Once ready this yard will employ about 600 welders and other positions, while the Allanton yard will continue to hire new and replacement employees for 1,200-1,400 welding and other positions annually. <http://www.easternshipbuilding.com/news/>

Economic development in the Panhandle's Jackson County is supported by the surrounding counties. The purchase, site preparation, and recruiting for a major manufacturer to this location has been ongoing for about two years. Once a manufacturer is recruited for this location, welders will be needed for the construction of the manufacturing facility, and for the future manufacture of the product.

2. Additional Information:

A. Is this an expansion of an existing training program? Yes

The thrust of the Chipola Welding program request is to ensure compliance with changes to the curriculum outlining training outcomes for students. However, growth of welding jobs in the region has dictated that the program expands its enrollment in order to meet demand for entry-level welding jobs. Enrollment will grow to 25 new students per semester. Therefore, 50 students will be in the classroom or on the welding lab floor practicing skills each day.

Chipola College, Marianna, FL

DEO Application for <https://www.enterpriseflorida.com/florida-job-growth-grant-fund/>

Welding Program request

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

Cleantech; Aviation/Aerospace; Homeland Security/Transportation; Other Manufacturing

C. Does the proposal align with an occupation on the Statewide Demand Occupations List and/or the Regional Demand Occupations List? Yes

Welding

D. Indicate how the training will be delivered.

Classroom – Chipola College campus, Marianna, FL (rural county of economic concern as indicated by the DEO Rural Areas of Opportunity designation,

<http://www.floridajobs.org/business-growth-and-partnerships/rural-and-economic-development-initiative/rural-areas-of-opportunity>.

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

50 students annually; 25 completers each year.

F. Indicate the length of program, including anticipated beginning and ending dates.

Enrollment in the Chipola College welding program begins each semester:

Fall (August) and Spring (January)

End date / completion of the program is 12 months for a full time enrolled student.

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

The program is sustained through enrollment and related fees. Increased enrollment will assist with financial sustainability. The equipment request will support the ongoing changes to the industry standards and expectations of knowledge and skills expected of a new, entry-level employee. Sustainability includes local and regional employers who provide paid internships, offer scholarships and other assistance as identified, and support the program through participation on the workforce advisory committee for the program.

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

- Welding CIP 064805085 has 3 occupational completion points (OCP) and culminates in a certificate of completion.
- Welding Advanced CIP 064805086 with 2 OCP's and a certificate upon completion.
- There are multiple NCCER recognized credentials the students can test for as recognition and transportability of individual skills / skill level.

I. Does this project have a local match amount? No, but Perkins funds can be shared as needed to make purchases and support personnel (instructors, aides).

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

3. Program Budget:

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

Pricing is from quotes provided by vendors. All equipment will be rebid to multiple vendors for the best piece of equipment for the best value to the welding program.

A. Workforce Training Project Costs:

Equipment	\$76,240.	
Personnel	0	
Facilities	0	
Tuition	0	
Training Materials	0	
Other	0	Please Specify: NA
Total Project Costs	\$76,240.	

B. Other Workforce Training Project Funding Sources:

City/County	\$0	
Private Sources	0	
Other (grants, etc)	0	
Total Other Funding	0	Please Specify: NA

Total Amount Requested **\$76,240.**

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.

Timeline: Upon project approval the Administrative Affairs office and Workforce Dean will develop invitations to bid on the equipment. The bid window will be open for two weeks and upon acceptance of bids, purchase orders will be processed. Equipment should be on site and installed in the Welding program within three months of project approval.

Equipment: Baileigh Metal Lathe, PL-1236E or similar product \$5,150

The lathe will provide training in tapering, turning, and polishing with multiple speeds, and allow operator decision on use of voltage. Additional features include jaw chucks, steady and follow rest, face plate, live center, foot brake, coolant system, and work light.

What students learn using a lathe: The lathe is a machine tool used principally for shaping pieces of metal (and sometimes wood or other materials) by causing the workpiece to be held and rotated by the lathe while a tool bit is advanced into the work causing the cutting action. The basic lathe that was designed to cut cylindrical metal stock has been developed further to produce screw threads, tapered work, drilled holes, knurled surfaces, and crankshafts. Modern

lathes offer a variety of rotating speeds and a means to manually and automatically move the cutting tool into the workpiece. Machinists and maintenance shop personnel must be thoroughly familiar with the lathe and its operations to accomplish the repair and fabrication of needed parts.

Baileigh Milling Machine, VM-936E-1 or similar product \$6,195.00

The milling machine is a vertical mill, allowing small shops, small jobs and classrooms to introduce students or employees to the use of the mill in the field.

What students learn using a vertical milling machine: Milling is the process of machining flat, curved, or irregular surfaces by feeding the workpiece against a rotating cutter containing a number of cutting edges. The usual mill consists basically of a motor driven spindle, which mounts and revolves the milling cutter, and a reciprocating adjustable worktable, which mounts and feeds the workpiece.

Baileigh Plate Roll, PR-503 or similar product \$24,895.00

The plate bending roll will provide students with the experience of bending pipe for local area manufacturers, Berg Pipe and Eastern Shipbuilding. However, pipe bending skills are used by many manufacturers in the region.

What students learning using a plate roll: Roll benders work by pinching the metal between two rolls and curving it as it comes in contact with a back forming roll. This curves the metal workpiece into a cylindrical form, where it is welded together to produce a cylinder.

4. Approvals and Authority

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)?

The President and Chipola College Board of Trustees have authority to accept and implement the agreement upon receipt of such agreement and review of the terms of the agreement.

Policy 1.010 Actions of Board of Trustees includes the following:

VI. Delegation to the President

The Board delegates to an appointed President the responsibility and authority for the administration of the College in accordance with its established policies and the applicable rules and laws of the State of Florida.

The general duties and powers of the Board of Trustees are those prescribed in 1001.64 F.S. and 1004.73 F.S. The Board of Trustees and the President shall extend to each other the fullest cooperation and recognition of the responsibilities that evolve upon the Board as a rule-making body and upon the President as the chief executive.

Chipola College, Marianna, FL

DEO Application for <https://www.enterpriseflorida.com/florida-job-growth-grant-fund/>

Welding Program request

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.
Every 3rd Tuesday of each month.
- ii. State whether the group can hold special meetings, and if so, upon how many days' notice.
7 days' notice according to Section 120.525 F.S.

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.

Certain powers and duties of the President are listed in Sections 1001.61(5) FS; 1001.65 FS and in 6A-14.0261 FAC, and confirmation of such action by Chipola College Policy and Procedures, Duties and Responsibilities of the President, 1.020.



September 19, 2017

Chipola College
Dr. Sarah Clemmons, President
3094 Indian Circle
Marianna, FL 32446

Dr. Clemmons:

On behalf of CareerSource Chipola I am proud to write this letter of support for your Florida Jobs Growth Grant Fund application supporting your welding program. With the tremendous increase in need for certified welders that will come from the expansion at Eastern Shipbuilding Group we see your efforts to expand this program as crucial.

We view your modest request for funding as one that would have a significant impact on the economy of our region and the ability of residents of our Rural Area of Opportunity to gain employment allowing them to support their families.

In addition to Eastern Shipbuilding Group we realize this grant application, if successful, would also provide a boost to local and regional manufacturing operations by increasing the number of trained welders available and able to work in a production environment.

We have always found Chipola College to be a solid partner as we both work to improve the economic health of our region. Thank you for this opportunity to express our support for your application.

Respectfully,

A handwritten signature in black ink, appearing to read "R Williams", is written over a light gray background.

Richard Williams
Executive Director

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www.careersourcechipola.com

Equal Opportunity Employer. Auxiliary aids and services are available upon request to individuals with disabilities via the Florida Relay Service at 711.