



January 27, 2022

TO: THE DISTRICT BOARD OF TRUSTEES OF VALENCIA COLLEGE

FROM: DR. KATHLEEN PLINSKE
President


RE: SUBMISSION OF GRANT PROPOSALS

RECOMMENDED ACTION:

The President recommends that the District Board of Trustees of Valencia College approve the Submission of Grant Proposals, as presented.

A handwritten signature in black ink that reads "Kathleen Plinske". The signature is written in a cursive, flowing style.

President

	Grants Submitted 12/01/21 - 12/31/21	Total Submitted this month: \$10,005,742
<p>Project Name: NSF BPE UF Subaward CPS: Medium: Connected Federated Farms: Privacy-Preserving Cyber Infrastructure for Collaborative Smart Farming (FY 2022)</p> <p>Description: The PIs from UF will collaborate with the Plant Science and Agricultural Technology Program (Program Chair, Dr. Javier Garces) to organize a half a day workshop during the second and third years of the project to discuss fundamental topics related to (1) cyber-physical systems with examples in agriculture, (2) new technological developments for sensing and data collection in agricultural settings, (3) artificial intelligence and its applications to smart farming, (4) federated learning and federate farming analytics, and (5) privacy challenges in AI and federated learning solutions.</p> <p>Valencia's scope of work for this project includes:</p> <ul style="list-style-type: none"> • Hosting the workshop for 150 individuals (in-person and online) at the West Campus Special Events Center or other West Campus site in 2023 and 2024 (specific dates TBD). • Transporting students the East and Osceola Regions to the West Campus via grant supported rental buses. • Providing outreach and information to Divisions of Science across Valencia College as well as via the NSF Louise Stokes Alliance for Minority Participation (LSAMP) Program to support attendance by 50 or more students. • Providing refreshments during the workshop to 150 or less participants via grant supported catering. • Potentially integrating the workshop into one or more classes in the Plant Science and Agricultural Technology program as a supported experience, depending on alignment between class learning outcomes and workshop topics. Specifics for this can be determined during grant period as workshop topics are finalized. 		
Funding Agency: National Science Foundation	Campus/Program: College Wide	Amount Requested: \$5,742
Funding Program: Broadening Participation in Engineering	Accountable Administrator: Terri Graham	Match (Yes/No): No
Funding Category: Federal	Project Director: Javier Garces	Date Submitted: 12/17/2021

Project Name: EDA ARP, Economic Adjustment Assistance, Valencia College: Transportation and Logistics Workforce Development Project (FY 2022)

Description: Requested grant funds will support the construction of a 30,000 SF building for its Center for Accelerated Training program, and pave five additional acres for its Commercial Driving License program. The Center for Accelerated Training (CAT) will offer programs in Commercial Truck Driving, Distribution Operations, Advanced Manufacturing, and other critical areas to meet the demand of local and regional employers. These programs are in alignment with the Comprehensive Economic Development Strategy (CEDs) developed by the East Central Florida Regional Planning Council, which is the planning council covering Orange and Osceola Counties. Total land disturbance will be approximately ten acres (.7 building, 5.0 CDL, 2.3 parking, 2.0 access roads), including complete excavation of an existing undisturbed site and bringing utilities to the new building. The construction staging area would be located entirely within the existing campus property, which is adjacent to the School of Public Safety. The estimated project schedule is thirty-one months, from initial solicitation of a design team to Certificate of Occupancy. Design would be approximately nine months and construction sixteen months. Valencia owns the land and holds title to it. The CE team has already met with industry leaders to identify the most necessary AST programs for this location.

Funding Agency: Economic Development Administration	Campus/Program: College Wide	Amount Requested: \$10,000,000
Funding Program: EDA American Rescue Plan	Accountable Administrator: Joe Battista	Match (Yes/No): Yes
Funding Category: Federal	Project Director: Carolyn McMorran	Date Submitted: 12/20/2021

**December 2021
Featured Sponsored Project:
FL Dept. of Education Rapid
Credentialing (CARES Act Funding)**

The Rapid Credentialing grant provided support for Accelerated Skills Training (AST) programs via the Governor’s Emergency Education Relief (GEER) Fund under the federal Coronavirus Aid, Relief, and Economic Security (CARES) Act. Funds were used for tuition assistance in multiple AST programs, along with equipment and software. Valencia received \$2,283,020 in funding to provide workforce training for unemployed, under-employed, and furloughed Central FL residents. Some of the funding provided equipment at the newly opened Center for Accelerated Training Northwest Orlando, with its grand opening held on 11/12/21.

Impact of Rapid Credentialing

Number of Students Served	528
Number of Credentials Earned	3,166

**AST Scholarships Awarded:
\$526,947**

15 Number of Programs Supported by Rapid Credentialing Funding:

- Apartment Maintenance Technician (AMT)
- Carpentry
- Construction
- Electrical Powerline Technician (Lineman)
- Heavy Equipment Operations: Level I (HEO)
- CNC Production Specialist (CNC)
- Distribution Operations Technician (DOT)
- Electronic Board Assembly Operator (EBA)
- Mechatronics
- Welding Level 1
- Clinical Medical Assisting (CMA)
- Commercial Vehicle Operator - CDL Class A and B (CDL)
- Certified Fork Lift Technician (CFT)
- Medical Office Specialist
- IT/Network Support Specialist




Rapid Credentialing funding was used to outfit the new Center for Accelerated Training Northwest Orlando. The largest purchases included vehicles and wraps for the CDL program (above) and equipment for the Welding program. Below, Welding students attend the grand opening event.



Unlimited Welding in Winter Springs, FL states that students who complete programs at Valencia have "an edge on any other candidates." The business owner states concern about the number of qualified welders retiring, both at the industry level and at his own company. Funding from Rapid Credentialing provided equipment so that welders train for what they will experience on the job, along with technology and software to support many other programs.

**RESOURCE DEVELOPMENT MONTHLY REPORT
FOR VALENCIA DISTRICT BOARD OF TRUSTEES
November 2021**



 Grants Awarded 11/01/21 - 11/30/21		Total Awarded this month: \$14,200	
Campus/Program	Agency/Opportunity Name	Project	Amount
Osceola Region	Florida Humanities Community Grants	Florida Humanities Community Project Grant: Valencia Voices (FY 2022)	\$4,200
Continuing Education	Lockheed Martin Community Grants	Lockheed Martin: CAT Marketing and Recruiting (FY 2022)	\$10,000

**November 2021
Featured Sponsored Project:
FL Dept. of Education Carl D. Perkins
Career and Technical Education
(Perkins V Grant)**


Carl Perkins funds are calculated on the performance of Career and Workforce Education (CWE) programs and used to support all technical programs at the college. Valencia currently offers 99 Certificate programs and 36 Associate in Science (A.S.) Degrees

\$3,575,939: The 2021-22 Carl D. Perkins Grant allocation for Valencia College was the highest among all 28 state colleges. Way to go, Valencia!

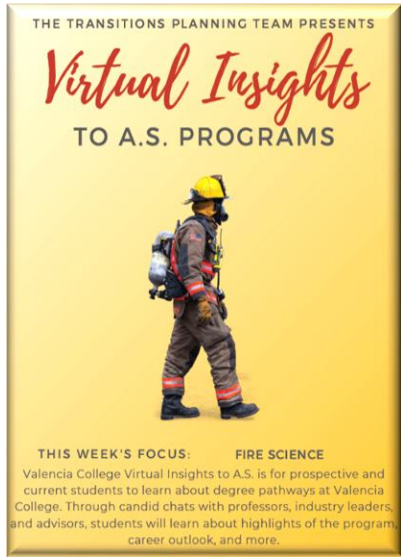
Career and Technical Education (CTE) programs at Valencia College have strong partnerships and working relationships with businesses and industries in the community. They provide valuable support in the form of curriculum advising & development, internship/mentorship, scholarships, and valuable employment opportunities for students. Currently there are:

- 31** unique Advisory Councils
- 630+** Advisory Council members
- 335+** different local companies represented

DECLARED PROGRAM MAJORS	
A.S. Degrees	13,538
Certificates	5,478



Student Support and Outreach
Perkins supports Valencia students by providing 18 Career Program Advisors (CPAs), that are active partners in program and course planning of Valencia’s Associate in Science (A.S.) degree, Technical Certificate, and Career Certificate programs. The Career Program Advisors reach out to students at various points in their degree progression path with intentional interventions to help ensure students are progressing to their credential in the most expeditious manner. They assist with awards of credit for technical center articulation agreements and industry certifications and facilitate course substitutions to assist students in reaching their educational goals while maintaining program learning outcomes.



“Virtual Insights to A.S. Programs allows students to explore the career opportunities that await them with an A.S. degree from Valencia College. During these live streamed events, students have access to highlights of select A.S. Degree programs, industry insights and career outlook information for Central Florida, steps to enrollment, and an opportunity for Q&A with faculty, staff, and industry leaders.”
Niurka Ferrer | Director, Transitions Planning

“Perkins enabled us to speck state-of-the-art equipment that not only reflects current industry standards, but also includes new technologies that may have not penetrated the market yet. Students trained in our labs will seamlessly transfer into a fulltime position after graduation, with the knowledge and skills to properly operate any commercial piece of equipment at the job site. We were also able to provide knives and small-wares in all labs, so our students don’t have to buy knife-kits anymore, resulting in savings of up to \$800 for each culinary or baking/pastry student, and **eliminating** a huge barrier of entry into our programs!”

Alex Erdman | Dean, School of Hospitality & Culinary



“Perkins has supported the Sound & Music Technology program with specialized equipment that has enabled us to expand our offerings and include courses that allow students to get better employment and freelancing options. One of these fields is Location Sound recording which is in high demand, and which we could not teach before. We have been able to train students on Dolby Atmos, which is rapidly becoming the industry standard for multichannel audio delivery, and has allowed our students to get better entry-level jobs in several markets, like Orlando, Miami, Atlanta and NYC. This has put the Valencia College program way ahead of the curve in training in this new technology before anybody else, including expensive private colleges.”
Raul Valery | Chair, Sound & Music Technology