

Addendum 11a

**Community College Programs that
Support the Region's Workforce Efforts**

Addendum #11 – Community College Programs that Support the Region’s Workforce Efforts

Cuyahoga Community College’s Examples of Workforce Development and Key Sector Projects (with employer partners)

Advanced Manufacturing

Alcoa Foundation, Advanced Manufacturing Integrated Systems Design Program

Program is helping students to become more proficient with using industrial equipment and better prepared for in-demand, high-growth jobs. Alcoa Foundation is a charitable arm of Alcoa.

Ohio Department of Higher Education, Regionally Aligned Priorities in Delivering Skills (RAPIDS) Program (Northeast Ohio West, Advanced Manufacturing proposal led by Lorain CCC)

Enhance fab lab with equipment for training in mechatronics and industrial maintenance skills development. Steel Warehouse Company and others provided letter of support.

Ohio Department of Higher Education, Ohio Means Internships and Co-Ops (2.5)

Regional faculty professional development initiative to grow internships and co-op placements in advanced manufacturing, with emphasis on digital manufacturing. The following are project partners (to date): Alcoa; ASG, a division of Jergens; Assembly Tool Specialists, Inc.; Chromoflo Technologies, Inc.; Cleveland Whiskey; e-Pallet, Inc.; Falcon Industries Inc.; Force Robots; Good Nature Organic Lawn; Graf-Tech; ID Images LLC; Kent Displays Inc.; Mansfield Engineered Components; Reuther Mold and Manufacturing; Synergy Grinding, Inc.; TRI-CRAFT Inc. & TECH-MATIC Industries.

Ohio Department of Higher Education, Workforce Development Equipment and Facilities Program

Two welding labs for fast track workforce training. AT&F, Great Lakes Shipyard, HoseMaster, Lincoln Electric, Pucel Enterprises and Stainless Works provided letters of support.

Ohio Department of Higher Education / Ohio Treasurer, Revolving Loan Program

Loans for tuition support for students in Fast Track Welding program or Right Skills Now program. Swagelok and Element Materials Technology provided letters of support.

United States Department of Labor, TAACCCT, Additive Manufacturing

Cuyahoga Community College developed lab, curriculum, programming and outreach for additive manufacturing industry. Eaton, Fredon, GrafTech and Jergens are among the partners.

United States Department of Labor, TAACCCT, Welding (Advanced Manufacturing proposal led by Lorain CCC)

Cuyahoga Community College developed curriculum, programming and outreach for welding industry. The required employers who provided letters of support for the grant are Lincoln Electric, Arcelor Mittal and General Motors. The additional employer partners are: Hose

Masters Inc., Alloy Bellows & Precision Welding, Stainless Works, Pucel Enterprises, Inc., AT&F, Great Lakes Towing Company, Cleveland Die and Manufacturing, NEOSD (North East Ohio Sewer District) and Element Materials Technology.

Numerous companies in this industry are providing support for scholarships.

Healthcare

Ohio Department of Higher Education, Regionally Aligned Priorities in Delivering Skills (RAPIDS) Program (Telemed proposal led by Kent State)

Enhance labs with equipment for training in delivery of medical care and services through telemedicine cart. *Cleveland Clinic, University Hospitals, St. Vincent Charity Hospital and others provided letters of support.*

Numerous companies in this industry are providing support for Tri-C student scholarships.

Information Technology

Ohio Department of Higher Education / Ohio Treasurer, Revolving Loan Program

Loans for tuition support for students in Network Support Specialist program. *Fusion Storm and Acuative provided letters of support.*

AT&T, Hack-a-Thon

Recently, 66 Cleveland area students engaged in a competition to solve real world challenges while learning software coding skills. The CLETeenHack – Coding for Community: Civic Engagement was a 9-week programming competition for greater Cleveland area high school students. Participants in the CLETeenHack learned how to code from *AT&T partner organization We Can Code It.*

Lakeland Community College Workforce-Related Grant Summaries

The Cleveland Foundation, the Fenn Educational Fund, “Excelling from Intake to Internship: Restructuring Career Services' Experiential Learning Process,” 2016-2018.

This initiative will enable Lakeland’s Career Services to restructure its Experiential Learning (EL) Program to improve student retention, enhance student engagement and lead to higher rates of EL completion. Specifically, Lakeland will improve relationships with local business and community partners, expand student seminars and workshops to better integrate job skills preparation, and introduce soft skills training to students while they pursue an internship.

ODHE, Regionally Aligned Priorities in Delivering Skills (RAPIDS) Program: (1) Telemedicine; and (2) MakerSpace Equipment, 2016-2018.

RAPIDS grants are used to purchase state-of-the-art equipment for use in learning laboratories specific to regional workforce needs. Lakeland will use these two grants to fund telemedicine and MakerSpace equipment. The equipment will enhance education and skill training of students and/or incumbent

workers to meet the current and future talent needs of growing, emerging and high-demand industries by investing in capital equipment and facilities. Businesses, colleges and universities, and career technical centers were asked to work together to develop strategic plans for using the funds.

ODHE, RAPIDS/OMIC III: Northeast Ohio Regional Consortium Internship and Co-Op Project, 2016-2018.

A collaboration among two and four year colleges and universities throughout Northeast Ohio to strengthen ties between industry and academia through internships and co-ops, employer outreach and marketing, and duplication of best practices for developing soft skills in intern and co-op students.

ODHE, Regionally Aligned Priorities in Delivering Skills (RAPIDS) Program: Telemedicine and MakerSpace Equipment, 2016-2018.

RAPIDS grants are used to purchase state-of-the-art equipment for use in learning laboratories specific to regional workforce needs. The funds will support education and skill training of students and/or incumbent workers to meet the current and future talent needs of growing, emerging and high-demand industries by investing in capital equipment and facilities. Businesses, colleges and universities, and career technical centers were asked to work together to develop strategic plans for using the funds

US Dept. of Labor, Trade Adjustment Assistance Community College and Career Training (TAACCCT) Ohio TechNet, 2014-2018 (Lorain County Community College).

A statewide consortium of 11 Ohio community colleges called the Ohio Technical Skills Innovation Network or Ohio TechNet. Each college will receive \$1 million to create or expand job-driven training for the advanced manufacturing sector; Lakeland's high growth employment sector is in welding. Partners will: 1. Identify and Replicate Best Practices for Job-Driven Training Work with industry and workforce partners for consistent, statewide adoption and replication of evidence-based strategies and best practices that meet industry needs; Expand best practices that redesign student intake, success and placement; Create mechanisms for statewide collaboration among partners and their economic and workforce development allies that help to advance Ohio's innovation economy; Strengthen employer roles 2. Accelerate Student Completion and Success Pilot changes to accelerate completion of job-driven training and job placement (focusing on welding, CNC machining, industrial maintenance, digital fabrication/industrial automation and occupational safety); Customize program delivery to meet student needs, and labor market demand; Expand access to state-of-the-art safety education and training; Expand training for self-employment and entrepreneurship; 3. Statewide Impact and Career Pathways; Facilitate partner colleges to scale innovations into comprehensive, systemic reforms that advance state career pathways; and support state priorities for economic development, workforce transformation and student success.

ODHE, Choose Ohio First Scholarship Program, "Biotechnology Science Program," 2009-2017.

Scholarships for students in Lakeland's Biotechnology Science Program. Students are educated and trained for careers in the global biomedical engineering industry, which is identified as an in-demand occupation by the Governor's Office of Workforce Transformation. National, state, and regional employment growth is projected to be strong through 2024. The Choose Ohio First Scholarship program (COFs) has been instrumental in enhancing student enrollment, retention and graduation rates in this

program over the past seven years. Building on this success, Lakeland has designed a COFs scholarship program in close partnership with industry that will continue to graduate students who are well-prepared to contribute to this growing industry and positively impact Ohio's economy.

ODHE, Ohio Means Internships and Co-Ops (OMIC 2.5), 2016 (Cuyahoga County Community College).

Lakeland, Cuyahoga Community College (Tri-C), and NOCHE will expand on its successes and strengths in OMIC 2.0, including an expansion of its Colloquium model and the development of a regional infrastructure the region's higher education faculty participate in externship experiences in the fields related to the Northeast Ohio RAPIDS project and other key industries. The colloquium is being expanded to be more inclusive of business partners, which will create more opportunities for communication with those employing students; strengthen existing relationships; and foster unified messaging and approaches. The Colloquium format of a half-day professional development will be open to all of Ohio's higher education community (university, community college, technical centers, private or public). Project partners will also create professional development series for more intensive learning between colloquia. Faculty had the opportunity for externships and to participate in a field trip to two key area manufacturing companies.

ODHE, Ohio Means Internships and Co-Ops (OMIC 2.0), Lakeland, NOCHE, and Tri-C, 2014 - 2016 (Cuyahoga County Community College).

Grant funds will enable Lakeland and Tri-C, working with business and industry partners from throughout the region, to identify and create valuable experiential learning opportunities for students over two years. This initiative will enhance the existing infrastructure to ensure the support provided to business partners is high quality and responsive and support provided to students is seamless and outcomes focused. NOCHE to provide employer focused support and expand opportunities for feedback. Tri-C and LCC will engage Cleveland Society for Human Resource Management (SHRM), universities and technical centers in advisory roles, to participate in faculty professional development events, and support broad dissemination of successful models across Ohio. A pinnacle project was the development of a "21st Century Workplace Skills" toolkit (workbook), from which faculty can select soft skills curriculum and activities to insert into their established class curricula.

ODHE, Ohio Means Internships and Co-Ops (OMIC 1.0), 2013 (Cuyahoga County Community College).

A partnership between Tri-D, Lakeland & NOCHE "*Internships and Co-Ops Mean Careers*" better aligns the skills, knowledge and experience of our students with area businesses. Expanding work-based learning opportunities will increase degree attainment, narrow the skills gap, and grow the state economy. Lakeland, Tri-C and NOCHE developed a consistent approach to co-ops and internships for industry partners that doubled the number of internships and co-ops offered in the short term and increase medium and long-term results exponentially. More than 200 area employers are interested in this proposal and committed to hiring local talent. Primary business partners and Associations include ArcelorMittal, FirstEnergy, Lincoln Electric and the Alliance for Working Together, which represents 82 manufacturers in Northeast Ohio. There was a special focus on developing marketing strategies and products to engage students and employers to participate in internships.

ODHE, Small Campus Targeted Workforce Development Expansion Grant, 2015-2018.

A \$5 million grant award to expand and renovate Lakeland's health technology building and to increase graduates to be employed in high growth, high demand jobs. The capital grant will enhance workforce development in the healthcare and biotechnology and bioengineering. By 2020 the Greater Cleveland area will experience a 19.8% increase in jobs for healthcare practitioners and in technical healthcare occupations. This amounts to 89,640 jobs in healthcare for this area. Employers in healthcare and biotechnology currently lack qualified workers to fill the growing vacancies. Available jobs in this sector continue to outpace the number of skilled candidates. Healthcare and biotech employers that will benefit from a highly skilled workforce including the Cleveland Clinic and UH Case Medical Center, two of Northeast Ohio's leading employers, as well as Lake Health Hospital.

US Department of Labor, Ohio Bioscience Workforce Preparedness, (BioOhio), 2010-2013.

BioOhio, Lakeland, and 5 other Ohio community colleges expanded work based learning opportunities in biotechnology science. Lakeland offered programs that expedited education and training in this high growth employment sector including 4 week modules of laboratory training in Lab Math and Graphing, Safety and Regulatory Compliance, Reagent Preparation, and Basic Laboratory Instrumentation. Students not eligible for state or federal assistance were awarded full scholarships.

National Science Foundation, Nuclear and Electrical Energy Education (University of Toledo), 2012.

To enhance education and training programs by building hybrid educational trainers to support students in the nuclear and electrical engineering programs.

The Cleveland Foundation, Fenn Educational Fund, "Geospatial Technologies Project: Mapping Success with GIS Internships," 2013-2016.

This initiative increases the number of skilled Geographical Information Systems (GIS) practitioners in the Northeast Ohio area, and builds awareness within the public and private sector about the advantages of GIS in their operations. The project was implemented by Lakeland in partnership with government entities and area businesses and corporations. The project focuses recruits students for both the AAS degree and the new accelerated certificate (4+1) programs.

The Dominion Foundation, "Geospatial Technology Education & Training" (2012-2014).

To enhance student education, including purchase of hardware and software, to support a new Applied Associate of Science degree and certificate program in Geospatial Technology.

The Cleveland Foundation, Fenn Educational Fund, "Alliance for Working Together (AWT): Developing a Sustainable Manufacturing Sector," 2010-2013.

Lakeland and a consortium of 100 area manufacturing companies partnered to promote careers in manufacturing. A dedicated Lakeland website, Exploring Careers in Manufacturing, was created to promote the field of manufacturing and educational and job opportunities. This website also houses a

free, online course for high school students and grads to assess their interests and aptitude for a career in manufacturing in addition to providing targeted information regarding Lake County manufacturing work environments, positions, pay ranges, skills required, and pathways.

Mt. Sinai Foundation, “Enhanced STNA Training for Acute Care Settings & Home Health,” 2013.

To develop a curriculum for enhanced education and training for STNA employees working in both acute care and home environments. The curriculum was developed in partnership with area healthcare employers and distributed to community colleges and career centers in Northeast Ohio.

**Lorain County Community College (LCCC), Elyria, Ohio
Grant-funded Workforce Development-Related Programs (since late 2014)**

The following workforce projects and programs were grant funded and operated by LCCC:

FUNDER: U.S. Department of Labor
PROJECT NAME: Trade Adjustment Assistance Community College Career Training (TAACCCT) – Round IV – Ohio TechNet Project
PROJECT TERM: October 1, 2014 – September 30, 2018
AMOUNT: \$15,000,000
BRIEF DESCRIPTION:

Ohio TechNet launched in 2014 as the result of a \$15 million Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant made to Lorain County Community College on behalf of a statewide consortium of 11 Ohio community colleges, multiple government agencies, and workforce and community partners. The funding provided to Ohio TechNet is the only state-wide TAACCCT consortium investment made in Ohio.

Ohio TechNet is helping to transform the way in which higher education works with employers to better align training and education with manufacturing workforce needs. Ohio TechNet partners are modeling or replicating innovative strategies that accelerate the readiness for workers who are in transition (particularly veterans, the under-employed and those impacted by foreign trade) to fill in-demand, skilled jobs in advanced manufacturing. Focus occupations include Welding, CNC Machining, Industrial Maintenance, Digital Fabrication/Industrial Automation, and Occupational Safety.

LCCC is also including Digital Fabrication as an area of focus for their OTN Base grant. In developing Train OH, an LCCC pilot program based on the KY Fame model with a focus on MEMS, Leanne Gluck from America Makes visited LCCC with Brynt Parmeter from Next Flex to provide suggestions and advice as LCCC developed and prepared to launch TrainOH. Leanne was present for an employer session and spoke on behalf of America Makes. Key to this work was the support of Team NEO and their role in the NEO Speed to Market Accelerator (see below), a prior DOL funded initiative which supported talent development for cluster companies. All of this DOL-funded work is creating a sustainable pathway for Additive Manufacturing in Ohio.

FUNDER: U.S. Department of Labor/Employment Training Administration
PROJECT NAME: *Speed-to-Market Accelerator*

PROJECT TERM: September 2011 – August 2015

AMOUNT: \$2,100,000

BRIEF DESCRIPTION:

The *Northeast Ohio Speed to Market Accelerator* (STMA) program, part of the national Jobs and Innovation Accelerator initiative (JIAC), was a collaborative effort designed to accelerate the speed-to-market for high-potential products in advanced energy, flexible electronics and water technologies. The federal grant funding for STMA provided free services across a 12-county Northeast Ohio economic development region to speed product to market and to help companies acquire the best talent.

The STMA was led by an existing, close-knit network of nationally recognized service providers with a history of success and regional collaboration - JumpStart, Lorain County Community College (LCCC), MAGNET and Team NEO (formerly NorTech). The STMA built & accelerated commercialization and talent development opportunities in targeted NEO industry clusters. Significant performance outcomes include jobs and commercialization in targeted sectors (Flex and Energy), plus development of career-pathway curricula & a proven 5-step employer engagement methodology.

The overarching success story of the STMA program was the foundational idea behind it: (1) building on Northeast Ohio’s regional strengths and; (2) linking together investments in economic development and workforce development investments, and operationalizing that connection to create jobs in industries of the future. Insights from the program provide a strong strategic foundation for further work that will accelerate innovation-fueled job creation and economic prosperity for Northeast Ohio, as well as other communities that adopt these strategies.

The following program outcomes illustrate the return on the \$2.1 million investment in the Northeast Ohio STMA by the JIAC. These results are indicative of the value that the integration of commercialization and talent development support can bring to a community.

Metric	Result
New Jobs Created	125
New Payroll	\$7.2M
Capital Attracted	\$24M
Total Participants	181
Participants Entering a Career Pathway	127
Participants Entering Employment	71

FUNDER: U.S. Dept. of Education Office of Career, Technical, and Adult Education (OCTAE)--Improved Reentry Education (IRE) program

PROJECT NAME: IMPROVED REENTRY EDUCATION GRANT/Positive Re-Entry for Ohio Prisoners (PROP)

PROJECT TERM: Jan. 1, 2016 – December 30, 2018

AMOUNT: \$1,041,367

BRIEF DESCRIPTION:

The Positive Re-Entry for Ohio Prisoners (PROP) initiative at LCCC is funded by the U.S. Dept. of Education Office of Career, Technical, and Adult Education (OCTAE)--Improved Reentry Education (IRE) program. Working the partners including Ohio Means Jobs, the Lorain County Joint Vocational School,

the Ohio Dept. of Rehabilitation and Correction, and the Lorain-Medina Community-Based Correctional Facility, PROP enables three key initiatives which help men and women ending their incarceration periods put their lives back on track and earn their second chance, promoting not only justice and fairness, but also public safety. The needs of a significant number of these incarcerated individuals include a substantial gap in basic skills, high school graduation or GED completion, and pursuit of any postsecondary education.

PROP's three initiatives include the following:

- A. A working partnership with the Lorain Correctional Institute (LCI), that provides enhanced mentoring training as part of Reception Reform at LCI to prepare inmates to become Inmate Mentors as they are placed throughout the ODRC System. Selected inmates from within the ODRC are given the opportunity to contribute to the enhancement of education opportunities for themselves and others by participating as mentors. Instruction is offered directly by LCCC in this program. "Success Coaching and Mentoring" is a 3 credit course offered at LCCC. This "Train the Trainers" course is one of the incentives offered to carefully selected mentors and staff to participate in. Each earns college credits towards a certificate or an AA/AS. Currently there are 86 mentors at LCI.

- B. A literacy initiative in partnership with the Lorain-Medina Community Based Correctional Facility (CBCF). LCCC's ABLE Program brings Adult Basic Literacy (ABLE) to CBCF's population. Previously no academic services were available for Diploma/GED holders, although many had lower basic skill levels than the GED Prep students. Enhanced ABLE services are available for CBCF residents with high school diplomas who demonstrate academic-skills deficiencies. Post-secondary courses are available to qualified CBCF Residents.
 - ✓ 70 Enhanced ABLE participants
 - ✓ All but 4 of the participants who have attended for at least 40 hours (minimum to retest) have met the programmatic goal of increasing their skill level by 2 grade levels(1 EFL Level for ABLE)
 - ✓ Those students who then are released to the community have an opportunity to transition seamlessly to LCCC and continue their Post secondary education on campus at LCCC.
 - ✓ They are afforded an academic advisor that is exclusive to the participants in this PROP initiative.

- C. A "Second Chance Program" that offers Enhanced Wrap around Supportive Services for students at CBCF, LCCC and LCJVS whose legal status poses potential and actual challenges to academic participation and employment.

FUNDER: Ohio Department of Higher Education (ODHE)
PROJECT NAME: Ohio Talent Development Network (OTDN)
PROJECT TERM: July 1, 2015 – June 30, 2017 (most recent funding period)
AMOUNT: \$488,000
BRIEF DESCRIPTION:

The Ohio Talent Development Network (OTDN) Resource Center provides the backbone for a collaborative statewide approach which consists of fifty four (54) Two-Year Colleges and Ohio Technical Centers. Since 1999, Ohio Department of Higher Education (ODHE) and Lorain County Community College (LCCC) supported the creation and ongoing work of the OTDN which provides proven talent management and organizational effectiveness tools combined with customized consulting services and training, to deliver superior talent services to employers and individuals.

ODHE resources are supporting a project in partnership with JobsOhio to address the need to expand system capacity for credentialed public education system staff in the regions to provide new hire talent services to businesses, including:

- Upgrade and certify the skill level of education system personnel to meet the new hire needs of businesses by region
- Research and recommend the menu of products available to be used in the new hire process and make bulk purchases recommendations if and where relevant for the public education institutions
- Develop a core menu of services that JobsOhio can utilize as part of their talent/workforce packages for businesses with common approaches and outcomes across regions
- Develop and deliver a “no cost” training session to members on the menu of services, approaches and outcomes. This includes marketing material development in conjunction with ODHE that lists these services statewide by region.

FUNDER: LIFT (Lightweight Innovation for Tomorrow/Manufacturing USA Innovation Institute)

PROJECT NAME: OhioTechNet Workforce Partnership

PROJECT TERM: March 1, 2016 – June 17, 2017

AMOUNT: \$372,800 Cost Share: \$576,300 Total: \$949,100

BRIEF DESCRIPTION:

LIFT, American Lightweight Materials Manufacturing Innovation Institute (ALMMII), now part of the Manufacturing USA Network, is a public-private partnership to develop and deploy advanced lightweight materials manufacturing technologies, and implement education and training programs to prepare the workforce. ALMMII was selected through a competitive process led by the U.S. Department of Defense under the [Lightweight and Modern Metals Manufacturing Innovation \(LM3I\)](#) solicitation issued by the U.S. Navy’s Office of Naval Research. ALMMII is one of the founding institutes in the [National Network for Manufacturing Innovation](#), a federal initiative to create regional hubs to accelerate the development and adoption of cutting-edge manufacturing technologies.

In collaboration with partners from education and industry, Ohio TechNet (led by LCCC) will lead the charge in addressing the critical gap at the very entry level of manufacturing career pathways in Ohio.

This includes pathways to high demand manufacturing occupations. Foundations for Manufacturing Careers will address not only the skills needed to operate today’s manufacturing equipment, but also the greatest entry-level need of manufacturing employers—employability skills—by providing Ohioans with a path to enter into and move along a career pathway toward high-demand occupations.

FUNDER: NextFlex, America’s Flexible Hybrid Electronics (FHE) Manufacturing Institute
PROJECT NAME: Training & Recruitment Accelerated Innovation Network, or TRAIN Ohio
PROJECT TERM: October 1, 2016 – September 30, 2018
AMOUNT: NextFlex: \$100,000 Cost Share: \$200,000 Total project: \$300,000

BRIEF DESCRIPTION:

NextFlex has lent its support to an innovative workforce development initiative called the Training & Recruitment Accelerated Innovation Network, or TRAIN Ohio. TRAIN Ohio blends school and work into a 21st century “earn and learn” program where companies and educators integrate activities in both space and time. Modeled after successful programs championed by companies such as Toyota and Honda in other areas of Ohio and the country, a pilot of TRAIN Ohio launched at Lorain County Community College in Fall 2016, with a special focus on small to medium innovation companies who are part of the front line of adoption of Flexible Hybrid Electronics (FHE) technology and processes in NE Ohio. In the TRAIN program, students attend school full-time, participating in class sessions two days per week, and engage in paid work-based learning at a sponsor company three days per week. Regional partners in the announced program include Team Northeast Ohio (Team NEO), SMART Microsystems, University of Akron College of Polymer Science and Polymer Engineering, RBB and other Northeast Ohio employers and educators.

FUNDER: Ohio Department of Higher Education (ODHE)
PROJECT NAME: Ohio Means Internships and Co-Ops (OMIC)
PROJECT TERM: Annual since 2012
AMOUNT: \$100,000

BRIEF DESCRIPTION:

Through OMIC, over \$2,000,000 in public and private dollars has supported the statewide advancement of Internships and other forms of Experiential Education over the past four years. For students at LCCC and other area institutions of higher education, this experiential, work-based learning opportunity is invaluable in job-skill development and many times leads to sustaining, living-wage+ employment.

Working with over 100 local employers, 200 Advanced Manufacturing, Engineering, Business, and IT internships have been developed and filled for LCCC students. These internships generated over \$500,000 in wages to student interns. On average, 67% of these internships are converted to employment creating approximately 134 jobs for LCCC students/graduates.

The success achieved through the OMIC grants fosters a culture at LCCC that recognizes the importance of internships and other forms of Experiential Learning. Acknowledging the impact internships has on our student learning, and the local economy and workforce systems, LCCC committed to embedding Experiential Learning into all programs of study. This has become important element of LCCC’s overall completion and workforce development strategic plan.

FUNDER: Ohio Department of Higher Education
PROJECT NAME: Regionally Aligned Priorities in Developing Skills (RAPIDS)
PROJECT TERM: 2016-2017
AMOUNT: \$150,000

BRIEF DESCRIPTION:

In a joint proposal in partnership with Cuyahoga Community College (TriC), LCCC and TriC received \$300,000 (\$150,000 each) to support advanced manufacturing programs.

LCCC obtained equipment for two programs of study which are responsive to in-demand careers for the community's manufacturing employers. This includes equipment for Industrial Maintenance to support upgrades at both LCCC – where the program serves an anchor customer of Arcelor Mittal– and at Lorain County Joint Vocational School (LCJVS) in Oberlin, where the program is a collaboration between LCCC and LCJVS that offers a technical certificate serving employers such as Beckett Gas and Thogus. This funding and capital resource enables the *Right Skills Now* initiative, held at LCJVS and LCCC. LCCC also received funding to purchase updated equipment for the CNC Machining program located in LCCC's on-campus Nord Advanced Technology Center. The Advanced Digital Manufacturing space helps increase the process capability of the Digital Fab-Lab to include multiple additive and subtractive processes.

FUNDER: United Way of Greater Lorain County
PROJECT NAME: WE3 Income Collaborative
PROJECT TERM: July 1, 2016 – June 30, 2019
AMOUNT: \$300,000

BRIEF DESCRIPTION:

Women Empowered, Educated and Employed (WE3) is a United Way funded Community Collaborative led by LCCC made up of 12 partners across the nonprofit, government, and education sectors. WE3 partners have come together to seek an increase in jobs obtained and retained for working single moms. The long-term goal for the collaborative is to see an overall decrease in poverty rate for the target population.

Initial strategies for WE3 will ensure participants complete soft skills classes to produce a good resume, practice interview skills and learn about career options. Participants will also develop and practice a plan that assures transportation is available for classes, interviews, and employment. Local employers with available living wage jobs will participate in sessions that link job openings with women with appropriate skills. To assure non-duplication of services, wrap-around case managers from partner agencies will be cross-trained and will work together.

Community partners include the following:

- Elyria Public Library
- Lorain City Schools
- Lorain County Community Action Agency
- Lorain County Community College
- Lorain County Department of Job and Family Services

- Lorain County JVS
- Lorain County Urban League
- Oberlin College Bonner Center for Service and Learning
- Oberlin Community Services
- Ohio Means Jobs Lorain County
- United Way of Greater Lorain County
- YWCA of Elyria

FUNDER: Ohio Department of Higher Education (ODHE)
PROJECT NAME: Choose Ohio First Scholarships (A continuing program)
PROJECT TERM: Academic years 2017-18 and 2018-19
AMOUNT: \$205,000 for 2017-2018 and \$215,250 for 2018-2019

BRIEF DESCRIPTION:

The Choose Ohio First (COF) Program is a critical piece for LCCC to facilitate low cost completion for students. Providing students the tuition dollars to pursue their education has a direct correlation in reducing or negating student loan debt for these students. Reducing the debt of these COF scholars has a positive impact on their lives as they enter the workforce. In addition, students who are on a pathway through College Credit Plus have the potential to even more dramatically reduce the cost of their education to the bachelor's degree.

Working with LCCC's University Partnership schools such as the University of Toledo, Bowling Green State

- Associate Degree Nursing
- Accounting
- CAMM (Computer-Aided Machining)
- ELCT (Electronics)
- MEMS (Micro-Electric Mechanical Systems)
- CISS (Computer-Information Systems)
- Associate of Science
- CSE (Computer Science Engineering)

FUNDER: Great Lakes Higher Education Guarantee Corp.
PROJECT NAME: Career Ready Internship Grant
PROJECT TERM: 1/1/17-12/31/18
AMOUNT: \$127,020

BRIEF DESCRIPTION:

The Career Ready Internship Grant program aligns with LCCC's many work-based learning and credit-based and support paid internship/co-op opportunities, and benefit from LCCC's best-practice student-support approach. LCCC recruits students for the internship program, supports the students throughout the duration of their internships, and likewise assigns "clear and reasonable roles" to faculty to guarantee efficient program operation. Participating employers in the Northeast Ohio region include the following:

1. ESPN Cleveland
2. Family Promise
3. Huron County Public Health
4. Lake Erie Crushers
5. Lake Ridge Academy
6. Lorain County Big Brothers/Sisters
7. Lorain County Habitat for Humanity
8. Lorain County Historical Society
9. Lorain County Nightmares
10. Lorain Palace Theater
11. Lorain/Medina Community Based Correctional Facility
12. Neighborhood Alliance
13. Nord Center/Rape Crisis
14. Oberlin Community Services
15. Rock N Roll HOF
16. United Way- Greater Cleveland
17. United Way-Lorain County

FUNDER: Great Lakes Higher Education Guarantee Corp.

PROJECT NAME: College Completion Grant

PROJECT TERM: 1/1/17-12/31/18

AMOUNT: \$106,540

BRIEF DESCRIPTION:

The College Completion Grant program aligns with LCCC's strategic priority #1 to drive student completion for academic & career success. With a distinct focus on healthcare occupations, it focuses services on identifying students who may be at-risk to not finish their academic studies in pursuit of Assoc. Degree of Nursing credentials. The grant helped to fund a Nursing student Mentor, as well as a Student Success coordinator. As detailed in the grant, entry-level nursing positions are in high-demand regionally, and this grant enables students to complete and matriculate into those jobs, with the prospect of further educational opportunity to become RNs and LPNs.

FUNDER: Manufacturing Institute, Via Lockheed Martin

PROJECT NAME: Manufacturing Readiness Program

PROJECT TERM: 9/8/2015 – 12/31/2016

AMOUNT: \$20,000

BRIEF DESCRIPTION:

Working with regional and state partners, LCCC will refine and expand a Manufacturing Readiness Program to prepare veterans with the foundational skills needed to enter into and move up various manufacturing career pathways. The current program in Ohio incorporates work readiness skills using the WorkAdvance (WA) model. The WA model is a sector-specific career pathway project meeting business and worker needs by training and supporting under- and unemployed Northeast Ohioans entering and/or advancing in the manufacturing industry. WA is designed to decrease the skills gap by moving low-skill/low-wage individuals onto career pathways while increasing their advancement potential and their self-sufficiency.

The Manufacturing Readiness Program was designed specifically to meet manufacturers' stated skill and competency needs. This is assessed through contextualized pre-employment/soft-skills services leading to the WorkKeys National Career Readiness Certificate (NCRC) and occupational skills training validated by the MSSC Certified Production Technician (CPT) and OSHA-10 credentials. Furthermore, participants receive holistic support through job development and placement, advancement focused career coaching, and wraparound supports.