



THE LAURA & ALVIN SIEGAL
LIFELONG LEARNING
PROGRAM

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Contacts:

Joe Steele
LIFT

jsteele@lift.technology

Bill Lubinger

Case Western Reserve University

william.lubinger@case.edu

**Case Western Reserve University, LIFT
To Launch Lightweight Manufacturing Certification Program**

Courses to focus on Additive Manufacturing Technologies, Advanced Materials, and Polymers

CLEVELAND – The Siegal Lifelong Learning Program at Case Western Reserve University, LIFT (Lightweight Innovations For Tomorrow), the Ohio Manufacturers' Association, and other industry partners are introducing a professional certification program in lightweight additive manufacturing.

The initiative, expected to be offered for the first time in late 2017, will provide Ohio workers an opportunity to become certified or continue their education in this growing, in-demand advanced manufacturing field.

Program graduates will gain higher education training in advanced materials, light weighting, welding and additional advanced professional skills identified by employers as relevant and difficult to find when recruiting new hires.

Course development for the training program will focus on three areas: additive manufacturing technologies, advanced materials—including metals—and polymers.

“Advanced manufacturing continues to grow in Ohio, accounting for nearly 17 percent of the state economy with nearly 700,000 workers,” said Brian Amkraut, the Siegal Program’s executive director. “To better prepare the existing workforce for the changes taking place in the industry, we need to provide access to cutting-edge learning for the future workforce.”

LIFT, one of the founding Manufacturing USA institutes, and a part of the National Network of Manufacturing Innovation program, is a Detroit-based public-private partnership dedicated to developing and deploying advanced lightweight

metal manufacturing technologies, and implementing education and training programs to better prepare the workforce today and in the future.

The program received letters of support from several entities, including the Edison Welding Institute (EWI), a leading engineering and technology organization in North America; the Ohio Aerospace Institute (OAI), which enhances aerospace competitiveness through research and technology development, workforce preparedness, and engagement with global networks for innovation; and MAGNET: The Manufacturing Advocacy and Growth Network, part of the Ohio Manufacturing Extension Partnership (MEP), which supports, educates, and champions Northeast Ohio manufacturing with the goal of transforming the regional economy into a powerful, global player.

The program is expected to increase in the skillset of industry partner employees and attract new manufacturers to the region. The courses will be offered at Case Western Reserve or potentially onsite with partners EWI, OAI and MAGNET to reach a broader Ohio audience.

“Without continuing and evolving education to support employer needs in a constantly advancing industry, the professional workforce will not possess the skills necessary to effectively utilize lightweighting technologies and processes,” said Emily DeRocco, LIFT’s education and workforce development director. “We applaud Case Western Reserve and all of the industry partners for recognizing the need for this program and how important it is to equip the advanced manufacturing industry in Ohio with the talent resources it needs for success – today and tomorrow.”

ABOUT THE SIEGAL LIFELONG LEARNING PROGRAM

The Laura and Alvin Siegal Lifelong Learning Program at Case Western Reserve University offers a wide variety of non-credit educational opportunities that draw from the broad academic disciplines of the University and the heritage of Jewish learning from Siegal College. Siegal Lifelong Learning creates a connection between the academic world and the general community. Through innovative and engaging courses and events, Siegal reaches lifelong learners of all ages at CWRU’s University Circle Campus, throughout greater Cleveland, and beyond, and sets a national standard for the highest quality university-based continuing education programming. SLLP provides opportunities for the public to interact with internationally renowned scholars, to share in their cutting-edge research, and to be involved in the ongoing conversation of histories, current events, and collective future. Newcomers as well as longtime friends and alumni of CWRU have access to unique educational and social opportunities and experiences through the Siegal Lifelong Learning Program.

ABOUT LIFT

LIFT is a Detroit-based, public-private partnership committed to developing and deploying advanced lightweight metal manufacturing technologies, and implementing education and training initiatives to better prepare the workforce today and in the future. LIFT is one of the founding institutes of Manufacturing USA, and is funded in part by the Department of Defense with management through the Office of Naval Research. Visit www.lift.technology or follow on Twitter @NewsFromLIFT to learn more.