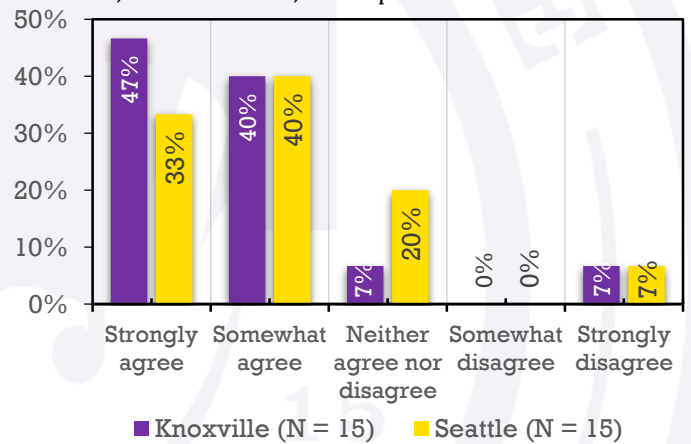The objective of this Advanced Technological Education (ATE) project is to establish an ***Additive Manufacturing Workforce Advancement Training Coalition and Hub*** (AM-WATCH) to address current gaps in the knowledge base of 21st century technicians through the development of AM-WATCH educational modules, delivery of professional development activities and support to 30+ STEM instructors per year, and expanded outreach activities targeting the Community College teachers and students. Further details of the project deliverables could be received from ***am-watch.org***.

Participants of the Studio-based training activities learned and practiced the attainment of ABET Student Outcomes and Continuous Improvement Process.

- Studio participants gained skill sets **in *building and operating a 3D Printer***.

- Former ABET Criterion 3f says '***I have increased ability to apply written, oral, and graphical communication in both technical and nontechnical environments; and use appropriate technical literature***.' Communication Skill Set attainment data received from the Studios held in Knoxville, TN and Seattle, WA is presented below.

Chart data:

	Knoxville (N = 15)	Seattle (N = 15)
Strongly agree	47%	33%
Somewhat agree	40%	40%
Neither agree nor disagree	7%	20%
Somewhat disagree	0%	0%
Strongly disagree	7%	7%

The Satisfaction Rate of 2019 Studio-based Training Activities	Disagree	Agree
	Percent/count	Percent/count
The objectives of the training were clearly defined.	-	(94%) 46
The training objectives were met.	-	(100%) 49
Each session stated the objectives clearly.	-	(100%) 49
The content of the training workshop was what I expected.	(2%) 1	(88%) 43
The topics covered were relevant to my profession.	(2%) 1	(98%) 48
The training materials/handouts distributed were helpful.	(2%) 1	(94%) 46
The training experience will be useful in my work.	(2%) 1	(98%) 48
The quality of logistic and administrative support had a positive impact on my experience at this workshop.	(2%) 1	(96%) 47
The quality of instruction was exceptional.	(2%) 1	(96%) 47