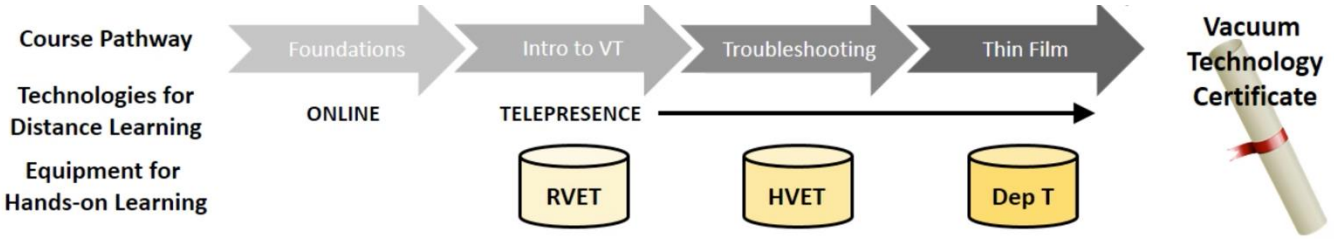
Project DELIVER
Vacuum & Thin Film Technology Program
Normandale Community College, Bloomington, MN
2020 NSF ATE Principle Investigators Conference, October 19-23, 2020

Project DELIVER has an impact on workforce development, using telepresence and an equipment trainer system to offer real-time, hands-on courses to students and workers around the country.

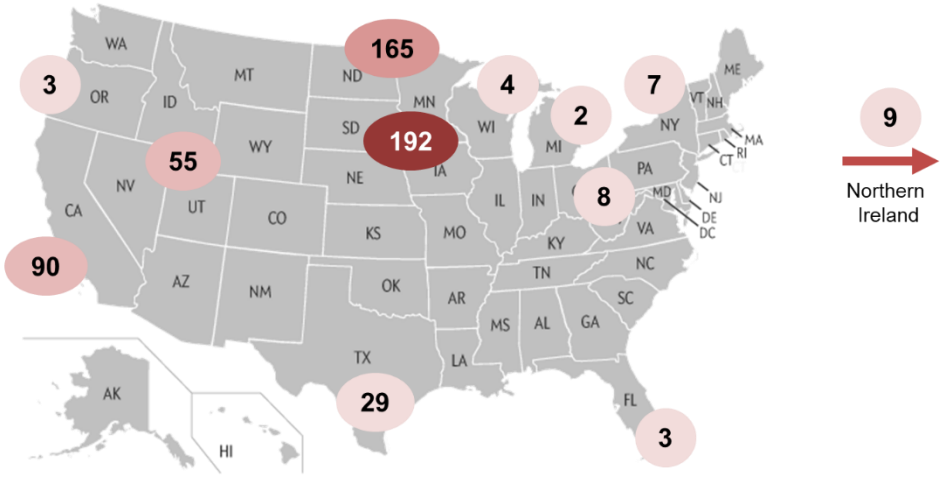


DELIVER has served 215 student participants, over half from distance locations

33 students completed the Vacuum Technology Certificate curriculum during the award period. 13 of those students were offsite - CA, UT, TX.

Reach of Vac Tech Program since 2014

State	# Enrolled
MI	2
FL	3
OR	3
WI	4
NY	7
PA	8
*N Ireland	9
TX	29
UT	55
CA	90
MN	165
Traditional Student / Unknown Affiliation	192



Distance Education and Learning in Vacuum Technology for Employment Readiness (Project DELIVER)

Nancy Louwagie, (PI) Chair, Engineering Technology ProgramsNancy.Louwagie@normandale.edu; 952-358-8738
Tom Johnson (Co-PI) Instructor, Vacuum Technology Programs Tom.johnson@normandale.edu
Ruth Robinson (Co-PI) Instructor, Chemistry Ruth.Robinson@normandale.edu
Bob Bailey (Outcomes Consulting Services) External Evaluator bobbailey@outcomesconsultingservices.com

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