

Shawn Eary, P.E.

Research Engineer III
Advanced Structures and Composites Center
University of Maine
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Professional Preparation

PE	Professional Engineer License #13453	2013
B.S.	Mechanical Engineering Technology, University of Maine	2009

Appointments

2013-present	University of Maine Advanced Structures and Composites Center Research Engineer III
2011-2013	University of Maine Advanced Structures and Composites Center Research Engineer II
2009-2011	University of Maine Advanced Structures and Composites Center Scientific Technician II
2008-2009	University of Maine Advanced Structures and Composites Center Student Research Assistant

Additional Professional Training

2013	Level 1 Acoustic Emission Testing Certification Mistras NDT School
2011	Level 1 and 2 Ultrasonic Testing Certification Helier NDT School
2009	Ultrasonic Inspection of Advanced Composites Training GE Inspection Technologies

Other Skills and Accomplishments

Experience manufacturing E-glass, carbon, aramid and hybrid composites using vacuum infusion as well as carbon pre-preg materials.

Trained in fall restraint, boom lift, forklift, crane operations, Instron testing software, MTS testing software, water-jet, and respirator protection.

Experience with ASTM standardized testing and methods for material characterization.

Experience with NDT techniques including UT, Shearography, Thermal imaging, Acoustic Emission and S.I.D.E.R.

Experience with fixture design and manufacturing including CAD (Solidworks and Autocad), welding and machining (both manual and CNC).

Experience in instrumentation including displacement transducers, load cells, strain gauges, and cable making for all testing applications. Experience with non-contact instrumentation including ARAMIS and PONTOS.