

ADDITIVE MANUFACTURING AND DESIGN

Learning Outcomes

The overall goal of the graduate AMD Certificate is to educate post-baccalaureate students and working engineers in the fundamental principles and applications of additive manufacturing and design.

Specific objectives for online students taking the AMD Certificate are to:

1. Apply foundational knowledge, critical thinking, problem solving, and creativity in the uses of additive manufacturing across industries.
2. Become competent engineers in additive manufacturing while maintaining the highest ethical standards in applying additive manufacturing to industry-relevant problems.
3. Identify the barriers to industry adoption associated with additive manufacturing technologies.
4. Articulate the value proposition for additive manufacturing in a given industry.