



GE Additive

## DISCOVERY WORKSHOP by AddWorks

### Start your additive journey here

The discovery workshop is typically the first step in the additive journey. Our discovery workshop is an interactive engagement led by the GE Additive AddWorks team, and includes lectures, group discussions, and practical work. The program has three phases:

#### Phase I: Essentials of additive design training

This is a two-day training that helps accelerate knowledge around some key areas of additive design and covers advanced considerations in part identification which is particularly important in the next two phases.

#### Phase II: Workshop prep

Our customers spend two to four weeks applying learnings from the training to identify applications. During this time, we provide continued support to reinforce training on how to identify additive candidates.

#### Phase III: Part identification workshop

Over a period of two days we work with you to evaluate opportunities, develop an initial cost analysis / business case and end with a prioritized list of additive applications.

### WHAT YOU GET

- Hands-on training from additive experts in design, materials, and additive production.
- High-level cost analysis and business case.
- A prioritized list of applications suitable for additive manufacturing.
- Recommendation strategies on additive design and production of prioritized parts.

### CUSTOMER JOURNEY



NOTE: Our services for applications in the healthcare industry may be limited and will require additional review.

## BENEFITS

- Save time. Some companies spend years finding their ideal applications for additive – get there sooner.
- Better plan for your additive investment. We'll help you determine the most economical path forward to help increase your ROI.
- Reduce failures and waste. There is a learning curve with most new manufacturing technologies. However, learning can incur many failures at a great cost. Let us help you get more successful results earlier in your additive journey.

## ESSENTIALS OF ADDITIVE DESIGN TRAINING

This two-day training can be tailored for each customer's needs, however, here are a few topics we can cover:

- Different 3D printing technologies
- Design for additive guidelines
- Build job preparation, part orientation and positioning
- Part screening and consideration for suitable additive applications
- Additive materials and certification processes
- Additive manufacturing impact on supply chain
- Post processing



## PART IDENTIFICATION WORKSHOP

The two-day workshop, is broken out into four sessions:

- **Application review:** as a team, we'll review the identified applications from the prework step. Our team will also help provide additional ideas that may not have been identified.
- **Identification:** we'll spend time evaluating the applications. Determine what value additive will bring to the application, engineering requirements and highlight any technical or manufacturing considerations.
- **Prioritization:** a cost analysis and business case will be developed. This will determine which applications will have the biggest impact.
- **Strategy and roadmap development:** we'll work with your team to develop a roadmap to get your part to production. The recommended next steps are part design and prototype prints for part validation. We offer courses in these areas.

Work with the AddWorks team to get your additive journey started today.

## THE GE DIFFERENCE

- Our design team has consulted on hundreds of applications across various industries, including aerospace, industrial and automotive
- We customize our design consulting service to fit your needs
- By collaborating with us, your team will gain useful additive design knowledge – to help accelerate the additive design learning curve

Visit us at [ge.com/additive/addworks](https://www.ge.com/additive/addworks)