



Training made possible through the
South Bend Pathways On Demand
Workforce Development Program

DESIGN FOR MANUFACTURING AND ASSEMBLY

Class Dates: 11/16, 12/7, 12/14, 1/11, 1/18 - final session TBD

Time: 8:30 am - 12:30 pm ET

As a component of lean manufacturing, Design for Manufacturing and Assembly (DFM&A) is the practice of designing a product with the manufacturing process in mind – simplifying the product structure to reduce manufacturing and assembly costs, selecting materials that are cost-effective and easy to use, and utilizing cross-functional knowledge to open the door to improvements.

This six-session series focuses on exploring the fundamentals of DFM&A and brings participants all the way through an exercise of building a product design with DFM&A principles. Time will be spent focusing on how DFM&A can be applied to any situation. This cross-functional concept works best when a variety of departments are involved in the course, even those not primarily involved in the design or engineering process.

Course Overview - 24 hours/6 sessions:

- Introduce basic concepts, explore gaps in knowledge/practice among the participants, and learn about the evolution of subsequent modules
- Turn a new page and “start at the beginning” by building a design mindset based on customer requirements
- Dismantle the product concept and begin restoration through a lens of functional complexity
- Complete the link between the voice of the customer, product design, and process capability with a clearly beneficial application of DFM&A principles

APPROPRIATE FOR:

- Engineers
- Quality professionals
- Sales and marketing
- Operations leaders
- Any personnel interested in DFM&A

LOCATION DETAILS:

- Technology Resource Center in South Bend's Ignition Park
Additional details will be sent to participants after registration is confirmed.

REGISTRATION DETAILS:

- Registration closes on November 9th
- Class size is capped at 20 people total

Register early to save your spot!

