nw IRC
Driving Impact for Manufacturers

Design For Manufacturability (DFM)

Optimize product designs to ensure efficient, cost-effective, and high-quality production. Focus on integrating manufacturing considerations early in the design phase to reduce production challenges, minimize costs, and enhance product reliability.

Training to equip engineers, designers, and other manufacturing professionals with the principles and best practices of Design for Manufacturability (DFM) to streamline production, improve quality, and reduce costs. Participants will learn how to anticipate manufacturing constraints, enhance material selection, and refine designs to align with production capabilities.

Learning Targets

- DFM Principles & Benefits
- Material Selection & Standardization
- Process Considerations
- Tolerance & Simplification
- Cost Reduction Strategies
- Supplier Collaboration
- Prototyping & Testing

December 15, 2026
8:30am-4:30pm

NWIRC Learning Center
8425 Peach Street, Erie

$399
Early-Bird Discount Available

Instructor: Shane Cantrell

NWIRC, Operational Excellence Specialist

Shane has 15+ years of experience in manufacturing operations management, leadership, and lean transformation. He earned his BS in Industrial & Management Engineering from Montana State University – Bozeman in 2002. In 2006, he earned his Master's in Industrial & Management Engineering from Montana State University – Bozeman.

rkeller@nwirc.org | nwirc.org/events