

# explore

the new manufacturing

## Project-Based Learning Training

### Training Overview

Catalyst Connection, in collaboration with ASSET STEM Education, is offering a two-day workshop on project-based learning to regional teachers. The course goal for participating teachers is to develop the ability to design and facilitate effective project-based learning for their students. To do this, teachers will examine project-based learning from the perspectives of both education and industry while collaborating with other teachers on implementing strategies.

### Teacher Benefits

- Enhance skills and develop knowledge related to project-based learning
- Learn new skills used in industry to better manage projects in the classroom including Lean manufacturing and Project Management Institute best practices
- Better prepare students for careers in manufacturing and other STEM related fields
- Connection of industry projects to state and national standards
- Greater “buy-in” on industry connected STEM programs from administration
- Free book: Project-Based Learning: Differentiating Instruction for the 21<sup>st</sup> Century, by William N. Bender
- Tour of a local manufacturing company
- Act 48 Hours will be made available
- Lunch provided at no charge on both workshop days

### Other Details

- Course is ideally suited for those with previous experience with industry/career related projects (ie Adventures in Technology, BotsIQ, FIRST, Fluid Power Challenge) but is not a requirement
- Hosted at a local manufacturing company
- Limited availability of 16 teachers
- Teachers are encouraged to attend with a peer either in a related subject area or from a lower grade level to facilitate on-going conversations and implementation strategies within the school

### For More Information

More information about the Catalyst Connection Explore the New Manufacturing program is available at [www.explorenewmfg.org](http://www.explorenewmfg.org)

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