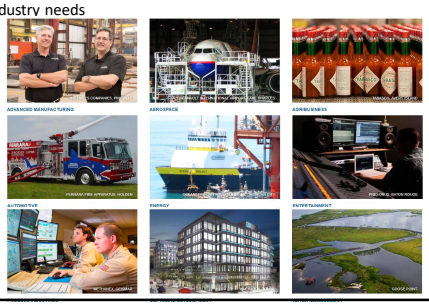
Welcome!

Why Project COMPLETE?

- Louisiana industry needs



Why Project COMPLETE?

- Louisiana industry needs
- "Instrumentation and controls" is a high-tech, good-paying career
  - Not known/communicated
  - 2-yr or 4-yr degree pathways
- Partners especially suited

More than 1,600 students to join North Louisiana Manufacturing Week

Oct 1, 2018

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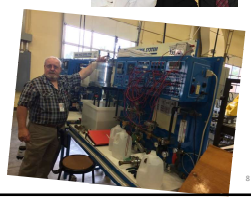
- Louisiana science standards, focus on STEM and applications of science/math
- Job skill initiatives – Jump Start pathways

Program Components

- Controlling, Operating, and Measuring: Pathways for Learners to Engineering Technology Employment (Project COMPLETE)
- Hands-on, project-based "instrumentation and controls" curriculum for one course
- Dual enrollment and articulation agreements
- Scholarship program
- Lunch-and-learns



Timeline

- Year 1 (2018-2019)
  - Develop curriculum, explore JumpStart pathway, gather feedback
  - Summer 2019 workshop
- Year 2 (2019-2020)
  - Implement curriculum, gather feedback
  - Scholarships and lunch-and-learns
  - Workshops
- Year 3 (2020-2021)
  - Continue and expand program

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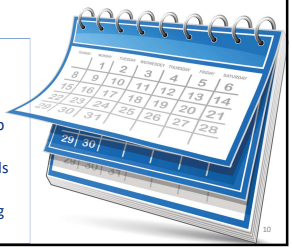
  - Develop curriculum, explore Jump Start pathway, gather feedback
  - Summer 2019 workshop

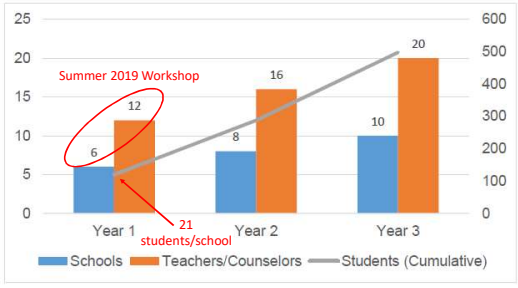
Year 1 Updates –

- Curriculum being developed
- Feedback being gathered
- We have a plan for connecting to Jump Start (thank you!)
- Currently focusing on recruiting schools (and students) for Year 2
- First Industrial Advisory Board meeting planned for March 2019



Tour of Delta Ruston Instrumentation Lab

Recruiting Goals



What are our "selling points" for…

- School boards/schools/principals
- Teachers
- Counselors
- Students

Benefits to Teachers/Counselors

- New career path for students
- Easily-implementable, hands-on projects for your classroom
- Project kits
- Workshops and continued communication to support and guide
- Support for counselors in understanding and communicating career paths
- Stipends for participation

Notes for Administrators:
- Technical Course for Jump Start
- Consider pairing with core course

Benefits to Students

- Earn **Industry Based Certifications** (NCCER Core and Level 1)
- Earn **Jump Start credit** for Basic Electricity and Electronics
- Earn **college credit hours** at *Louisiana Tech* and *Delta Community College* (and possibly *LTC-Minden* and/or BPCC)
- Gain **options to pursue multiple pathways**; from Certified Technician to Professional Engineer…from field or factory maintenance to instrumentation & control systems design.

Learn a trade/ profession that is in high demand.

Instrumentation & Control is:

- A high technology field with **high paying jobs**.
- **In demand all over the country**; as companies push to automate their operations.
- A field that **puts your hands on technology** with less emphasis on mathematics and applied sciences than other engineering fields.

Curriculum Development Updates

Breakout Groups
- Curriculum
- Recruiting

Next Steps?