GRAYSON ADVANCED MANUFACTURING ACADEMY

Todd Gruhn
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Why Advanced Manufacturing?

- Manufacturing is the fastest-growing economic sector in Grayson County.
- Manufacturing is second only to healthcare in the number of available jobs available to qualified workers in Grayson County.
- Employers are unable to find qualified workers in our area so many of the positions remain unfilled.
- Why not solve the problem where the talent pipeline starts?

Why ADVANCED MANUFACTURING?
PROJECT STAKEHOLDERS

- Sherman ISD
- Grayson College
- Denison ISD
- Sherman Economic Development Corporation
- Denison Development Alliance
- Grayson County Industries
October/November 2015
Recognize need and form Ed/Industry Task Force

November 2015
Joint Task Force meets to look at industry analysis and starts examining curriculum

December 2015
College curriculum determined and college moved to apply for THECB approval for AMC

January/February 2016
High School courses determined and added to HS Course Guides; HS student registration

March 2016
Course/equipment requests finalized for HS/College and Industry Partnerships signed

Summer 2016
Teacher/instructor hires and professional development
First Cohort of Advanced Manufacturing students will start in Fall 2016

First course will be an articulated course that will teach technical calculations and precision tools/measurements. This class will be held on-site at the high school.

Subsequent courses will be taken at Grayson college and will be dual-credit courses.
Sherman High School
9th Principles of Manufacturing
10th Precision Metals Manufacturing
11th Advanced Precision Metals Manufacturing
12th Manufacturing Engineering

Grayson College
9th No Course
10th Technical Calc/Precision Tools & Measurement
11th Basic Machine Shop/Pumps, Compressors, Mechanics
12th Electric Fundamentals, Print Reading, PLC Programming
In addition to the course work, students must complete a summer internship at a sponsoring industry before being awarded the Advanced Manufacturing Certificate.

Dual-credit students can also earn an Associates of Applied Science after approval of THECB.
FUTURE PROJECTS

- Grayson Health Science Academy
- Grayson IT Academy
Questions?

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