Additive Manufacturing (AM): commonly known as 3D printing, AM is an emerging technology representing one of the forefronts of the 4th industrial revolution.

The Montague CTE award was used to support the development of:
1. **Undergraduate education**: the first undergraduate course on-campus fully dedicated for 3D printing and additive manufacturing.
2. **Professional Education**: the first and only workforce development certificate at the state of Texas on the same topic.

**SELECTED OUTCOMES**

*She said YES!*  
Aggie student at ISEN 489 supported by Montague CTE award 3D prints his wedding ring, and gets a YES!

*Fly’EM Aggies!*  
Employees from US government research Labs 3D printing a functional flying drone in Aggieland.

- To date, Montague CTE has supported the development of 3 courses on next-generation manufacturing technologies.
- In 1 year we have trained:
  - 50 undergraduate Aggies
  - 25 professionals from NASA, DOE, DOD, the oil and gas, and the automotive industry
- ...... AND COUNTING!

**Need**: train Aggies and the Texas’ advanced manufacturing workforce to unlock life-saving opportunities offered by AM.