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## Special Thanks to: Joe Gosche

Technical Advisor: Dr. Patrick Murphy

# CAPSTONE EXPERIENCE 2012 EDIBLE BEAN PROCESSING



**Sponsor:** Adam Schmidt Archer Daniels Midland Company

# CHALLENGES FACED

Challenges with the construction of this facility we

- Time constraints
- University construction rules and regulations
- Certification for welding and wiring

## **ALTERNATE SOLUTIONS**

Other options considered included:

- Mini scale facility
- 3D model of planned facility
- Education of edible bean facilities

In addition to a facility layout design, the following were created to provide students with edible bean processing facility knowledge:

- Grain flow display board
- Equipment video demonstrations
- Hazard monitoring demonstrations
- Equipment descriptions

- Re-runs the middle product from the primary gravity to increase

- Product emptied off CCE into storage bins for packaging or





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