**Course Title**: Directed Study – Modern Agricultural Tech

**Course Number**: FBMA 2938

**Credits:** 2

**Course Description:**

This course will deal with experiencing modern agricultural technological changes and determining if they fit into an individual's farming operation.

**Course Outline:**

1. Examine emerging agricultural technology
   * Lay out an application plan for integrating ag technology into the farming operational goals
   * Determine the advantages and disadvantages of the application of ag technology into the business
   * Investigate the feasibility of the application of technology into the business
2. Promote administrative skills
   * Improve written and oral presentation skills
   * Develop team and/or project management skills
3. Apply tools and techniques developed in diploma and certificate programs

**Course Specific Outcomes:**

1. Prepare a needs technology assessment of the operation;
2. Determine the current available technology now employed on site;
3. Compare/contrast available technologies available to the operation;
4. Develop cash flow projections involving technological upgrades/investments;
5. Assess the value of potential investments in technology; and
6. Implement the technology.