

B.S. in Aeronautical Science

Mission and Educational Goals

The Aeronautical Science Degree Program educates and trains professional pilots for productive careers and leadership roles in the aviation industry. The coupling of cutting-edge technology with exceptional faculty and staff creates an educational experience specifically designed to develop and hone industry-leading skills.

Our curriculum is designed around five educational goals:

1. Develop **leadership skills** to meet the industry challenges of tomorrow
2. Create life-long learners with broad and robust **aeronautical knowledge**
3. Embed the awareness of **safety knowledge, practices, and attitude** fundamental to aviation operations
4. Build **critical-thinking and problem-solving skills** applicable to small and large-scale challenges
5. Hone **decision-making skills** demanded by a dynamic industry