

# B.S. in Aeronautics

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## Students will:

- Communicate concepts in written, digital, and oral forms for technical and non-technical audiences.
- Conduct meaningful research, gathering information from primary and secondary sources, and incorporating and documenting source material in their writing.
- Synthesize and apply knowledge to define and solve problems in professional and personal environments.
- Apply advanced concepts of aviation, aerospace and aeronautical science to solve problems in the aviation/aerospace industry.
- Apply principles of aviation safety to the aviation, aerospace, and aeronautics industry.
- Show evidence of sound, ethical, management principles within standard aviation, aerospace, and aeronautics operations.
- Show evidence of the basic concepts in national and international legislation and law as they pertain to the aviation, aerospace, and aeronautics industries.
- Use digitally-enabled technology and mathematical analysis to interpret data, draw valid conclusions, and solve mathematical and economic problems.