

ASACR 5

Office of the President
May 4, 2021

Members, Board of Trustees:

ACADEMIC DEGREE RECOMMENDATION:
COLLEGE OF ENGINEERING

Recommendation: that the Board of Trustees approve the establishment of a Bachelor of Science degree with a major in Aerospace Engineering, in the Department of Mechanical Engineering, within the College of Engineering, beginning in the 2022 Fall Semester.

Background: The proposed program provides a rigorous foundation in the modern engineering theory, technology and practice associated with the design, development, testing and production of aircraft, spacecraft and related aerospace systems.

The program would be the only Accreditation Board for Engineering and Technology (ABET) accredited aerospace engineering program in Kentucky and would meet a demonstrated need, as currently 30 students per year leave the state through the common market to pursue similar degree programs. The program will prepare students for careers in the state's growing aerospace industry, with Kentucky's aerospace exports being the third-largest in the country, or national labs or government service. Students will also be prepared to pursue advanced graduate studies.

Projected steady state enrollment is 250 students.

The program has the approval of the appropriate councils and is scheduled to be reviewed on May 3 for approval by the University Senate. The provost of the university supports this recommendation. Pending approval by the Board of Trustees, the program will begin the review process of the Council on Postsecondary Education.

Action taken: Approved Disapproved Other _____