

TO: Randy Smith, Vice Provost for Academic Programs
Eric Bielefeld, Chair, Council on Academic Affairs
FROM: Shari Speer, Associate Dean for Academic Affairs, Graduate School
DATE: 20 June 2019
RE: Proposal for degree title change to Aerospace Engineering, Engineering

The College of Engineering is proposing to change the title of its degree in *Aeronautical and Astronautical Engineering* to *Aerospace Engineering*.

The proposal was received by the Graduate School on September 27th, 2019. It was reviewed by GS/CAA on October 7th, 2019. The proposers were notified of the subcommittee's recommended changes on October 8th, 2019. A revised proposal was received by the Graduate School on October 16th, 2019, and reviewed again by GS/CAA on October 24th, 2019. No further revisions were requested, and the proposal was recommended for approval by the Graduate Council. The proposal was approved by the Graduate Council on November 4th, 2019.



October 16, 2019

Randy Smith, Vice Provost for Academic Programs
Office of Academic Affairs

Re: Revision of Name Change Request for Aeronautical and Astronautical Engineering Degrees and Program. Dear Randy,

At the request of the GS/CAA curriculum subcommittee in an email received on Tuesday, October 8, 2019, I am re-submitting the proposal from the Department of Mechanical and Aerospace Engineering requesting a name change to the Aeronautical and Astronautical Engineering program and degrees. What has been added is the ODHE *Change Request Degree Title Change Form*, which is specific to the AERO Engineering graduate degree and program. This form, which has been completed by Prof. Jeffrey Bons, is on page 7 of this document.

Should you require additional information, feel free to contact me.

Yours sincerely,

Rosario Quizon-Bonello

Rosario Quizon-Bonello M.Ed.
Assistant Dean for Curriculum and Assessment
College of Engineering



September 27, 2019

Randy Smith, Vice Provost for Academic Programs
Office of Academic Affairs

Re: Name Change Request for Aeronautical and Astronautical Engineering Degrees and Program.

Dear Randy,

Attached is a proposal from the Department of Mechanical and Aerospace Engineering requesting a name change to the Aeronautical and Astronautical Engineering program and degrees. The department would like to change the program's current name from Aeronautical and Astronautical Engineering to Aerospace Engineering. Plan codes (AERO-BS etc.) and subject codes (AREOENG) would remain the same, but descriptors in SIS and transcripts would reflect the new name.

The College Committee on Academic Affairs met on September 27, 2019 to discuss the proposal and voted unanimously to approve the curriculum changes requested.

Yours sincerely,

Rosario Quinzon-Bonello

Rosario Quinzon-Bonello M.Ed.
Assistant Dean for Curriculum and Assessment
College of Engineering



DATE: August 7, 2019

SUBJECT: Name Change Request for Aeronautical and Astronautical Engineering
Degree and Program

TO: CCAA

The purpose of this petition is to request that the name of the Aeronautical and Astronautical Engineering Degree be changed to Aerospace Engineering Degree effectively immediately upon approval. This change is requested for Bachelors, Masters, and Doctoral degrees. Coincident with the degree name change, the program and course offerings bulletin listing should also be changed. This cover letter is accompanied by a justification and letter of support from the Mechanical and Aerospace Engineering Department chair, Vish Subramaniam.

Sincerely,

Jeffrey P. Bons
Chair, Mechanical and Aerospace Engineering Graduate Studies Committee
Professor of Aerospace Engineering
Department of Mechanical and Aerospace Engineering
Ohio State University
Columbus, OHIO

DATE: August 7, 2019

SUBJECT: Rational Name Change Request for Aeronautical and Astronautical Engineering Degree

In 2009, a reorganization proposal to merge the Mechanical and Aeronautical and Astronautical Engineering Departments into a single Mechanical and Aerospace Engineering Department was reviewed and approved by university administration. The change was implemented in 2010 and the merged department has functioned effectively since that time. At the time of the merger, no attempt was made to broaden the merger petition to include a change to the degree name. From time to time during the ensuing 9 years, students (primarily undergraduates) have expressed confusion as they have searched for the Aeronautical and Astronautical Degree programs, not realizing that these are administered by the Mechanical and **Aerospace** Engineering Department. The confusion brought about by the mismatch between the department name and the degree name is worth addressing to avoid this confusion. The change will also bring OSU into the 21st Century since most modern departments use the Aerospace moniker, as will be shown below. Accordingly, the purpose of this petition is to request that the name of the Aeronautical and Astronautical Engineering Degree be changed to Aerospace Engineering Degree for BS, MS, and PhD. Coincident with the degree name change, the program and course offerings bulletin listing should also be changed.

The table below contains a sampling of department and degree names for 8 top Aerospace Engineering Departments in the US:

School	Dept Name	Degree Name
MIT	Aeronautics and Astronautics	BS in Aeronautics and Astronautics
Stanford	Aeronautics and Astronautics	BS in Aeronautics and Astronautics
CalTech	Dept of Aerospace	Ugrad minor in Aerospace Eng Graduate degree in Aeronautics or Space Eng
Michigan	Aerospace Engineering	BS in Aerospace Eng.
Georgia Tech	Aerospace Engineering	BS in Aerospace Eng
Purdue	School of Aeronautics and Astronautics	BS in Aeronautical & Astronautical Engineering
Penn State	Aerospace Engineering	BS in Aerospace Eng
Arizona State	Aerospace Engineering	BS in Aerospace Eng with specialty

As is evident from the table, Aerospace Engineering is the more common department name and degree name. Notably, none of the departments have a degree name that is different from their department name. This suggests that OSU would do well to align the degree name with the new department name.

Finally, consistent with the department name change, in 2014 the name of the Aeronautical and Astronautical Research Laboratory (AARL) was changed to Aerospace Research Center (ARC). This is a high visibility, high impact research facility with annual expenditures in excess of \$20M. The change of the name reflects the modernization trend in the field.

A meeting was convened of all aerospace engineering faculty in MAE on 8 March 2018. The faculty voted unanimously to have the degree (program and bulletin listing) name changed to Aerospace Engineering. Subsequently, the MAE External Advisory Board informed about the change being considered on 20 April 2018. There were no objections to the change, though some questioned the necessity.

Speaking for the Aerospace Engineering Faculty, changing the degree (program and bulletin listing) name to align with the department and laboratory name changes is the right thing to do. It clears up any confusion, follows the current norm in the discipline, and aligns with our most visible research asset.

If there are any questions regarding this rationale, please don't hesitate to contact me at 7-8414 or bons.2@osu.edu.

Sincerely,

A handwritten signature in black ink that reads "Jeffrey P. Bons". The signature is written in a cursive, flowing style.

Jeffrey P. Bons
Chair, Mechanical and Aerospace Engineering Graduate Studies Committee
Professor of Aerospace Engineering
Department of Mechanical and Aerospace Engineering
Ohio State University
Columbus, OHIO

DATE: August 7, 2019

SUBJECT: Name Change Request for Aeronautical and Astronautical Engineering
Degree and Program

TO: CCAA

As department chair of the merged Mechanical and Aerospace Engineering Department, I add my concurrence with this request for the reasons articulated in the foregoing rationale. Please direct any questions to Jeffrey Bons who has spearheaded this petition.

Sincerely,



Vish Subramaniam
Professor of Mechanical Engineering
Chair, Department of Mechanical and Aerospace Engineering
Ohio State University
Columbus, OHIO



CHANGE REQUEST FORM
DEGREE TITLE CHANGE

CCGS member institutions must use this form to request degree title changes for previously approved graduate programs. Change requests must be submitted through the institution’s CCGS representative. In order to ensure sufficient time for review, please submit all requests **at least four weeks prior to an upcoming meeting of the CCGS**. Documents may be submitted as PDF or Microsoft Office documents (e.g., Word or Excel).

Date of submission:

14 October 2019

Name of institution:

Ohio State University

Primary institutional contact for this request:

Name	Jeffrey Bons
Title	Professor, Associate Chair for Graduate Studies
Phone number	614-247-8414
E-mail	Bons.2@osu.edu

Previously approved title:

Aeronautical and Astronautical Engineering

Proposed new title:

Aerospace Engineering

Date that the request received final approval from the appropriate institutional committee:

Proposed implementation date:

August 2020

Educator Preparation Programs:

Indicate whether the program that is being retitled leads to educator preparation licenses or endorsements.

Licensure ~~Yes/No~~

Endorsement ~~Yes/No~~

Please provide the following information:1. *Rationale for title change.*

In 2009, a reorganization proposal to merge the Mechanical and Aeronautical and Astronautical Engineering Departments into a single Mechanical and Aerospace Engineering Department was reviewed and approved by university administration. The change was implemented in 2010 and the merged department has functioned effectively since that time. At the time of the merger, no attempt was made to broaden the merger petition to include a change to the degree name. From time to time during the ensuing 9 years, students (primarily undergraduates) have expressed confusion as they have searched for the Aeronautical and Astronautical Degree programs, not realizing that these are administered by the Mechanical and Aerospace Engineering Department. The confusion brought about by the mismatch between the department name and the degree name is worth addressing to avoid this confusion. The change will also bring OSU into the 21st Century since most modern departments use the Aerospace moniker

2. *Describe how the title change will affect students in the current program.*

It clears up any confusion, follows the current norm in the discipline, and aligns with our most visible research asset.

3. *Are there any administrative, curricular, faculty or support service changes occurring along with the title change? If "yes," please describe.*

None

4. *Have the appropriate accreditation agencies been informed of the proposed change (if applicable)?*

N/A

The person listed below verifies that this request has received the necessary institutional approvals and that the above information is truthful and accurate.

Signature (Chief Academic Officer or Delegate – e.g., Graduate Dean)

Typed Name & Title

Date of Approval