

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
ACADEMIC SENATE

ACADEMIC PROGRAMS COMMITTEE
REPORT TO
THE ACADEMIC SENATE
AP-017-190

New Self-Support Counterpart of the Master of Science in Aerospace Engineering

Academic Programs Committee

Date:

Executive Committee
Received and Forwarded

Date: 04/22/2020

Academic Senate

Date: 05/06/2020
First Reading

BACKGROUND:

The Academic Senate recently approved a self-support version of the Master of Science in Engineering with an Emphasis in Materials Engineering, to be offered at Northrop Grumman's facility in Palmdale through the College of the Extended University (AS-2852-190-AP). At that time all concerns over academic quality, budget, and potential supplanting issues (per Executive Order 1099) were addressed.

EO 1071 requires that distinct emphases or options within a program share more than 50% of the program's units. This condition is not met for the two emphases (Aerospace Engineering and Materials Engineering) in the current MS in Engineering, and they are therefore being elevated to two distinct programs.

This referral concerns a self-support version of the Aerospace Engineering Emphasis, which will be elevated to a standalone MS program in a separate referral. The curriculum is to be identical to the state-support version of the new MS in Aerospace Engineering.

The self-support MS in Aerospace Engineering will be offered by the faculty in the Department of Aerospace Engineering, who will supervise the program according to the same agreements in place for the previously approved self-support MS in Engineering with an Emphasis in Materials Engineering (AS-2852-190-AP).

The Academic Programs Committee has reviewed these documents and completed a university wide consultation.

RESOURCES RECOMMENDED:

None

RESOURCES CONSULTED:

Dean of College of Engineering
Associate Deans of all Colleges
All Department Chairs in College of Engineering
Budget Committee of the Academic Senate

DISCUSSION

Before reaching the Academic Programs Committee, this program was reviewed by the Department Curriculum in Department of Aerospace Engineering, the College Curriculum Committee in the College of Engineering, and the Office of Academic Programs. All concerns raised at those levels were addressed. The Academic Programs Committee then conducted campus-wide consultation, as well as its own review of the program. No concerns were raised.

RECOMMENDATION:

The Academic Programs Committee recommends approval of the new Master of Science in Aerospace Engineering (Self-Support).