

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

Preparation Date **1-Dec-14** Curriculum Bulletin _____
 Effective Date **Fall 2015** Approved by EPC _____

Department **Aeronautics**
 College **AT - Applied Engineering...Technology**
 Degree **Minor (non degree)**
 Program Name **AVIATION MANAGEMENT** Program Banner Code # **AVMN**
 Concentration(s) _____ Concentration(s) Banner Code(s) _____
 Proposal **Establish program**

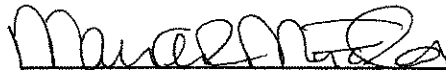
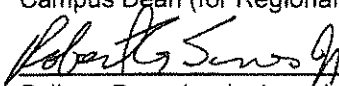
Description of proposal:
To establish a minor in aviation management.

Does proposed revision change program's total credit hours? Yes No
 Current total credit hours: **n/a** Proposed total credit hours **15**

Describe impact on other programs, policies or procedures (e.g., duplication issues; enrollment and staffing considerations; need; audience; prerequisites; teacher education licensure):
The addition of this minor will provide additional educational and future employment opportunities for students in the Aeronautics program. The minor is particularly well suited for students in both the flight technology and air traffic control areas of concentration.

Units consulted (other departments, programs or campuses affected by this proposal):
None

REQUIRED ENDORSEMENTS

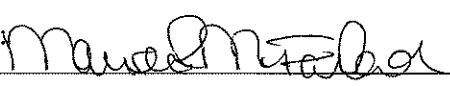
 Department Chair / School Director	<u>12/5/14</u>
Campus Dean (for Regional Campuses proposals)	<u> / / </u>
 College Dean (or designee)	<u>12/5/14</u>
Dean of Graduate Studies (for graduate proposals)	<u> / / </u>
Provost and Senior Vice President for Academic Affairs (or designee)	<u> / / </u>

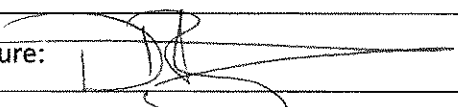
College of Applied Engineering, Sustainability, & Technology

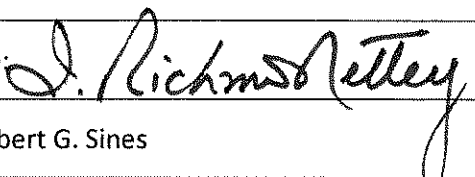
Curricunet Course Approval & Routing Form

(Print out a copy of the "All Fields Report" in Curricunet and attach this page to the front. The hardcopy will go to Curriculum Services until online approval is available.)

Course Number / Title or Program/Degree/Minor/Concentration Name:	Proposal Summary Aviation Minor
Action (Establish, Revise, Inactivate, etc.):	Establish
Point of Contact:	Thomas Long

Program Level Approval	
Signature: 	Date: 5 DEC 2014
Name: Maureen R. McFarland	

College Curriculum Committee Level Approval	
Signature: 	Date: 8 DEC 14
Chair: STRINGER	

College Level Approval	
Signature: 	Date: 11 Dec 2014
Dean: Robert G. Sines	

This does not apply to courses in the old workflow. When online Curricunet approval becomes available, this form will no longer be required.

Proposal Summary Minor in Aviation Management

Description of Action, Including Intended Effect

Creation of a minor in aviation management, providing further educational and career opportunities for AERN students; minor emphasis is on management practices within the aviation industry to include airlines, airports and general aviation management. Consisting of a total of 15 credit hours, one of the courses in the proposed minor is currently required by all AERN students (AERN 35340).

Courses in the Minor:

AERN 35340 Airport Management (3): Introduction to the many functions that are involved in the operation and management of an airport. Includes an analysis of the development of the airport-airway system, airport legislation, airport planning and airport operations. Prerequisite: AERN 15740 or 15745; and 25250.

AERN 35341 Air Transportation Systems (3): Descriptive course in airline operations as seen from the air carrier's business perspective. Emphasis is on business practices and techniques unique to aviation. Prerequisite: none.

AERN 35399 Fixed Based Operator Operations* (3):

A study of general aviation operations and the role of Fixed Base Operators in the National Aviation System; management functions; marketing; profit; cash flow; financing; human resources; organization; administration; management information systems; operations; maintenance; safety; liability; physical facilities; and the future of general aviation. Prerequisite: None.

AERN 45100 Operational Planning in Aviation (3): Focus on both airport and airline operations through planning, design and management. Students function as project managers and work with simulation to run their own airport and airline with respect to financial and economic variables. Prerequisites: AERN 35340 and AERN 35341.

AERN 45040 Labor Relations in Aviation* (3):

Legislation governing labor relations in the private sector of the United States Economy consist of two separate and distinct pieces of legislation: the Railway Labor Act and the National Labor Relations Act. This course focuses on the examination of air transport labor relations in the context of these key laws. As the student of aviation management comes in contact with both Acts through this course, the student will learn similarities and differences of each and their resultant impact. The student will actively apply this knowledge in a mock labor relations negotiation. Prerequisite: None.

or

AERN 45200 Strategic Aviation Management (3): Serves as the capstone course for the aviation management area of concentration in aeronautics. As such, it is designed to address evolving issues and challenges in aviation management with a particular emphasis on airlines and airports through an application of previously mastered aviation management courses. Students must pass the course with a minimum grade of "C" (2.000). Prerequisite: AERN 45100; senior standing.

*Indicates a new course for Fall 2015.

Impact on Other Programs, Course Offerings, Students, Faculty, Staff (e.g., duplication issues)

None

Fiscal, Enrollment, Facilities and Staffing Considerations

No additional facilities or staffing changes will need to be made in order to support the change.

Evidence of Need and Sustainability if Establishing

Graduates of the flight technology (FLGT) and air traffic control (ATC) areas of concentration must maintain specific medical standards in order to remain employed. Offering a minor in aviation management will diversify the education of both FLGT and ATC students, providing them with another and/or additional career opportunity in the unfortunate event they are no medically qualified for the fields in which they are hired. Additionally, there are long-term career opportunities for graduates employed in both the professional pilot and air traffic control fields which may place them in management positions; minoring in aviation management will better prepare graduates for these opportunities.

Provisions for Phase-Out if Inactivating

N/A

Timetable and Actions Required:

1. Approval of three new AERN courses in the AVMN area of concentration.
2. No other actions required.

Aviation Management

The aviation management minor is offered to those students whose career paths are focused towards management or operations in the aviation industry. Minor emphasis is on management practices within the aviation industry to include airlines, airports and general aviation management.

Type Legend: **DD** Diversity–Domestic; **DG** Diversity–Global; **ELR** Experiential Learning; **KAD** Kent Core Additional; **KBS** Kent Core Basic Sciences; **KCM** Kent Core Composition; **KFA** Kent Core Fine Arts; **KHU** Kent Core Humanities; **KMC** Kent Core Mathematics and Critical Reasoning; **KSS** Kent Core Social Sciences; **WIC** Writing Intensive

Please read the sections in the University Catalog on Kent Core, diversity, writing-intensive and the experiential learning requirements.

Aviation Management MINOR (15 credits)			
Type	Course	Title	Credits
	AERN 35340	Airport Management	3
	35341	Air Transportation Systems	3
	35339	Fixed Base Operations	3
	45100	Operational Planning in Aviation	3
Students must choose one from below			
	AERN 45040	Labor Relations in ^{THE} Aviation ^{INDUSTRY}	3
	AERN 45200	Strategic Aviation Management	3
MINIMUM TOTAL			15

Minimum 2.500 GPA overall required for minor. Students must also have a 2.500 GPA overall to register for flight courses.

Proposal Summary Aeronautics Curricular Proposal Revisions

Description of Action, Including Intended Effect

Establish a minor in Aviation Management

- a. 15 total credit hours
- b. Proposed Courses:
 - i. AERN 35340 Airport Management
 - ii. AERN 35341 Air Transportation Systems
 - iii. AERN 35339 Fixed Base Operations
 - iv. AERN 45100 Operational Planning in Aviation

Student chooses either AERN 45200 Strategic Aviation Management or AERN 45040 Labor Relations in Aviation

Impact on Other Programs, Course Offerings, Students, Faculty, Staff (e.g., duplication issues)

None

Fiscal, Enrollment, Facilities and Staffing Considerations

None

Evidence of Need and Sustainability if Establishing

The addition of this minor will provide additional educational and future employment opportunities for students in the Aeronautics program. The minor is particularly well suited for students in both the flight technology and air traffic control areas of concentration.

Provisions for Phase-Out if Inactivating

N/A

Timetable and Actions Required: Requested implementation for above Fall 2015.