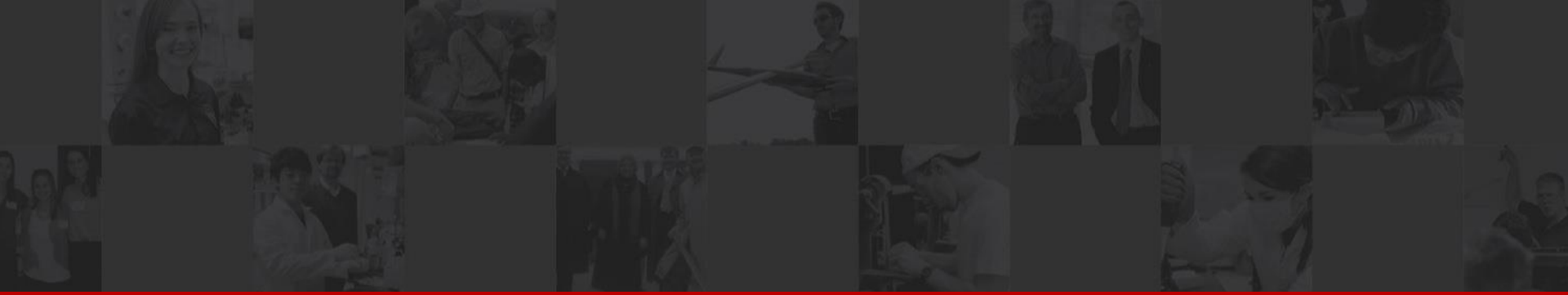

THE OHIO STATE UNIVERSITY

COLLEGE OF ENGINEERING

Drexel UNIVERSITY

AJI-2 COE TTHP Project 18

International Harmonization and Integration

Global Alignment within Aviation Education using a Boundary Spanning Framework

THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

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18. International Harmonization and Integration

- Description:

A systematic approach to establishing a global network of Aviation Educators that can be leveraged to facilitate international cooperation and harmony within the instruction of aviation navigation.

1) Identifying key stakeholders and educators within ATC and Aviation
2) Determining parallel/complementary practices
3) Recommending pathways for international collaborations
4) Identifying global educational best-practice between world leaders in the field to provide positive outcomes and increased alignment within global aviation and associated technical training and development

18. International Harmonization and Integration

- Outcomes:

1. Understanding of professional societies, institutions, educational bodies, and individuals active within aviation navigation education
2. Interviews of key individuals/groups identified through outcome 1 using developed protocol
3. Recommendations of global best practices for the development, integration, and continuity of international exchange within aviation navigation professionals and educators based on data analysis.

Statement of Work

- Task 1: Mapping of existing programs, identification of key stakeholders
  - Online review of educational stakeholders
  - Document collection of curricula, resources, modules, toolkits, etc.
  - Synthesis and mapping of Aviation Navigation educational landscape

Statement of Work (continued)

- Task 2: Identification and interview of key stakeholders
  - Leveraging of networks and Task 1 to identify key stakeholders
  - Obtaining of access and scheduling of interviews
  - Development of interview protocol
  - Interviews of Stakeholders

Statement of Work (continued)

- Task 3: Analysis of interview and mapping efforts for global alignment
  - Mixed methods and qualitative analysis of mapping and interview outcomes
  - Analysis and synthesis of outcomes
  - Development of recommendations and report on global alignment within aviation navigation education

Milestones

- Period of Performance:

Milestone	Planned Due Date
Documentation of existing educational stakeholders in aviation navigation	4 months after project start
Completed interview of key stakeholders	9 months after project start
Final Report with recommendations	12 months after project start

Budget

Project Participant	FAA Contribution	Cost-Matching	Total
OSU	$40,000	$40,000	$80,000
Drexel University	$40,000	$40,000	$80,000
TOTAL	$80,000	$80,000	$160,000

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Thank you!