

COE TTHP 5th Annual Virtual Administrative Meeting

New Research Projects

ATO Safety and Technical Training

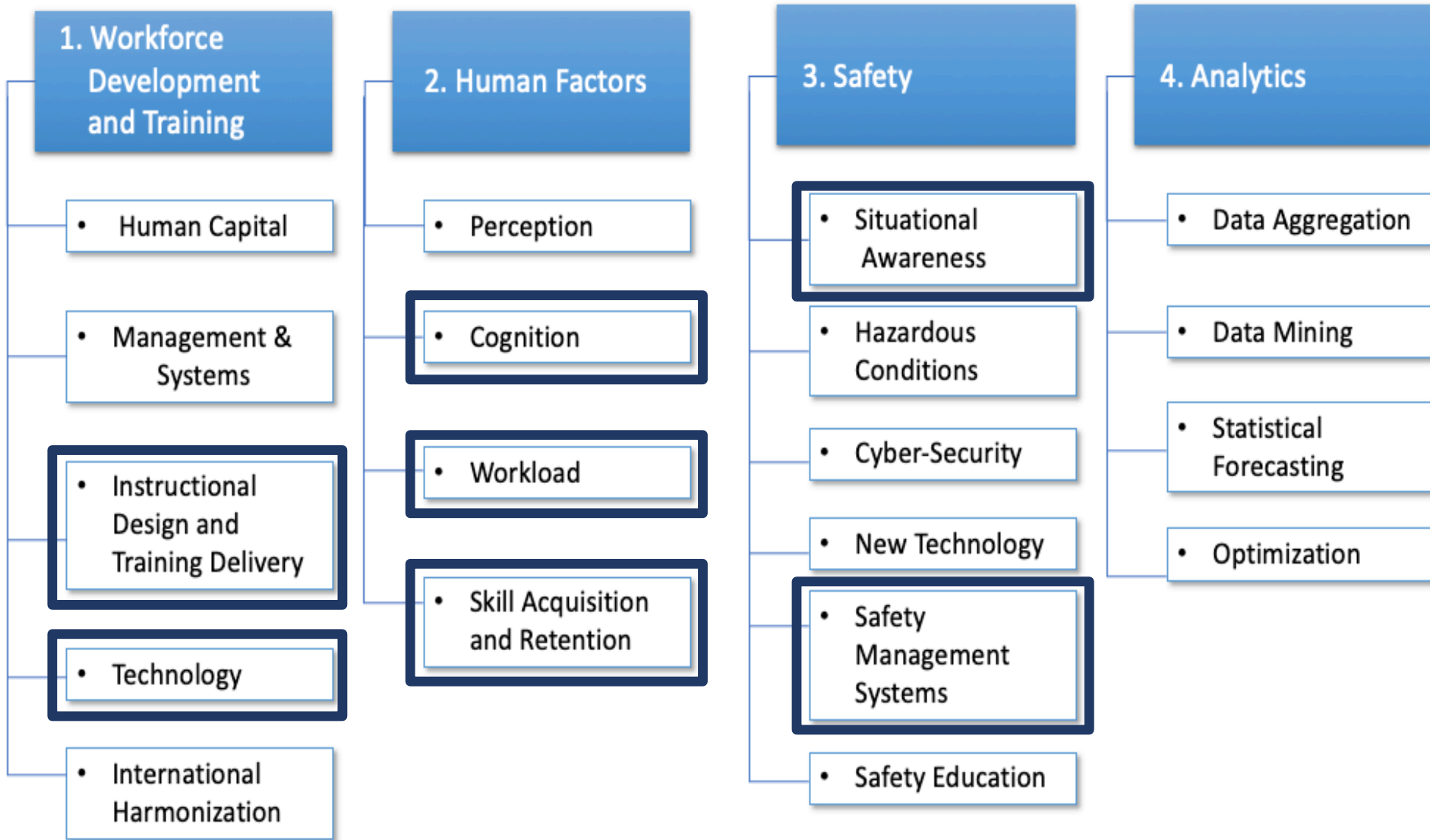
AJF Flight Program Operations Safety Division

ATO Training Technologies Group

5th Annual Virtual Administrative
Meeting



**Center of Excellence for
Technical Training &
Human Performance**



New Research Projects

- **Course to Module Conversion Protocol**
Dr. Adam Manley, Western Michigan University
- **Flight Operations Safety Assessment**
Dr. Seth Young, The Ohio State University
- **Evaluation of the RIGIL Flight Training Technology Platform
Vectoring Basic and Advanced Mobile Application**
Dr. Scott Tarry, University of Nebraska, Omaha

Course to Module Conversion Protocol

- Dr. Adam Manley, PI, and Chuck Bruce, Co-PI, Western Michigan University
- Amy Carroll, sponsor, Ken Shelly, TM, John Stillings, SME, ATO Safety and Technical Training, AJI-2130
- Continues the work of Modular Curriculum grant
- Main Goal: develop a course to module protocol document

Course to Module Conversion Protocol

- 2018 - Modular Curriculum Design
 - The purpose was to demonstrate the feasibility of deploying modular and reusable curriculum in a variety of learning modalities within the FAA - ATO.
 - In partnership with Dr. Matt Earnhardt and Dr. Daryl Watkins - ERAU
- Recommendations to assist modularity
 - Curriculum Evaluation Frequency Scale (CEFS)
 - Stackable Credentialing System
 - Knowledge Tracking Database - Job Expertise Tracking System (JETS)
 - Course to Module Conversion Protocol

Course to Module Conversion Protocol

- Develop a conversion protocol document to help SMEs and instructional designers convert existing courses to modules.
 - Working closely with ATO's Safety and Technical Training Curriculum Team
- This Protocol will detail the concept of modular curriculum as well as the steps necessary to dissect an existing course and identify its modular components.

Course to Module Conversion Protocol

- Now
 - In the process of examining existing courses and ATO's attempt at modularization
 - Refining the term “module” to meet the needs of the FAA ATO
- Soon
 - Interviewing SME and Instructional Designers from ATO and Technical Ops to gather their insights
 - Draft a report of the current state of course development by Jan 1
 - Draft the Course to Module Conversion Protocol by May 30