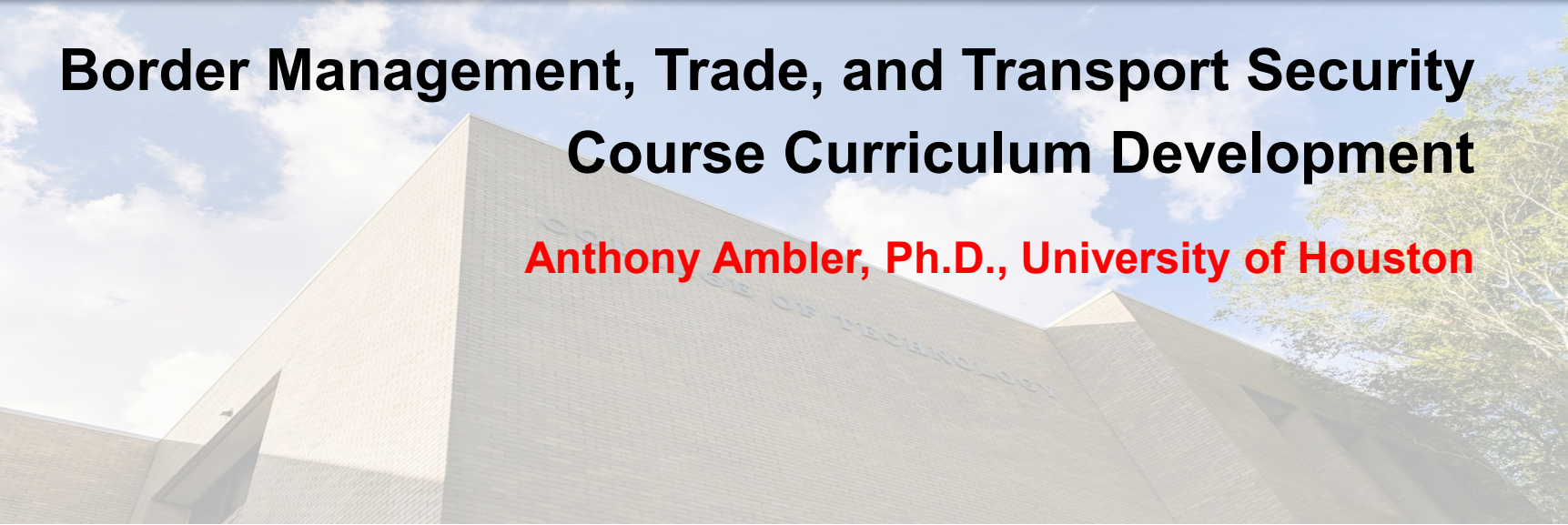


# Education Initiatives

## Curriculum Development



# Border Management, Trade, and Transport Security Course Curriculum Development

**Anthony Ambler, Ph.D., University of Houston**

Establish a pathway for post-secondary graduates to pursue a career with the Homeland Security Enterprise. Provide DHS personnel educational opportunities for career advancement

DHS Champion: Paul Baker, Ph.D., Deputy Assistant Commissioner, CBP Office of Training and Development

# Educational Activities

## Goals

- Establish a pathway for post-secondary graduates to pursue a career with the Homeland Security Enterprise
- Provide DHS personnel educational opportunities for career advancement

## New Degrees

- Border Management, Trade, and Transport Security
- BS, Minor, MS levels

## New Certificate Programs

- Borders, Trade, and Transport Security
- Border Operations Management and Security

# Degree Concentrations

Trade	Migration	Technology
<b>Transportation Economics and Policy</b> History and effects of regulatory policies of carriers and shippers	U.S. Immigration Law Essentials of Asylum Law - VAWA Act	Digital Forensics Media analysis, network forensics, legal issues and the use of forensic data
<b>Global Trade and Transport Law</b> Regulatory and procedural requirements for domestic and international freight transportation	History of Human Migration	Cybersecurity Strategy and Policy
Introduction to Tariffs Classifications	Migration Patterns in the United States	eCommerce
Free Trade Agreements	Logistics of Human Capital Flow	Network Security
International Trade Treaties and Conventions	International Landscape of Forced Migration	Cross-Border Technologies and Innovation
Global Supply Chain	Technology on the Flow of Goods and People	Data Analytics

# BTI Institute Response

- **New Degrees**
  - Border Management, Trade, and Transport Security
  - BS, Minor, MS levels
- **New Certificate Programs**
  - Borders, Trade, and Transport Security
  - Border Operations Management and Security

# Border Management, Trade, and Transport Security Programs

Program	Program Level	# Courses	SCH	Comments
<b>BS Degree</b> in Border Operations Management, Trade, and Transport Security	Undergraduate Major	10	30/120	CoT/UH mandatory courses already developed for F-2-F
<b>Minor</b> in Border Operations Management and Security	Minor	5	12-15	12 SCH min with 9 hours of advanced courses
<b>MS Degree</b> in Border Management, Trade and Transport Security	Graduate	10	30	Online/Hybrid
<b>Certificates</b> in <ul style="list-style-type: none"> <li>Border Operations Management and Security</li> <li>Border, Trade and Transport Security</li> </ul>	Certificate Programs	5	15	Online/Hybrid Certificate credits count towards degree-granting programs

# First Three Courses Pilot Tested in Fall 2019

## Introduction to Homeland Security

- Comprehensive study of the homeland security system at the federal, state, and local levels
- Structure of the U.S. homeland security system and operational areas
- Designed as an intensive technical writing course
- Aimed at developing critical thinking and mastering technical writing
- Includes student-guided lectures

## Introduction to Border Management

- History of Borders and Boundaries
- Borders and the Sovereignty of Nations
- Redefining and Shifting Borders
- Border Operations Management
- Northern and Southern U.S. Borders
- Borders of the Future

## Border Security & Cross-Border Challenges

- Economic, Political, Military, and Health Challenges
- Traditional and asymmetric challenges that impact:
  - Air
  - Land (e.g., rail)
  - Maritime (e.g., seaports)
  - Commerce
- Legal trade and travel

# Project Status as of June 2019

1. Project started on May 1, 2019
2. Hired Subject Matter Expert
3. Established instructional modality guidelines and started development of courses
4. “Introduction to Homeland Security” course fully developed; currently under review
5. “Introduction to Borders Management” course currently in development



# Transition Plan

1. Full curricula will be offered by the CoT at UH
2. Curricula will be socialized publically so that other accredited universities across the US can offer the product upon completion
3. Content copyright will be pursued with the assistance of the UH Division of Research, Office of Technology Transfer and Innovation
4. These programs/courses will be promulgated to interested non-US universities across the global commons