Global Competence Through CTE
Course Module Contents and Syllabus

Syllabus

Course Description
Designed for CTE educators and stakeholders, this course provides a working knowledge of the strategies and resources for integrating global competence into existing career and technical education (CTE) curriculum. Delivered via online modules, the course covers a wide range of resources, including global career exploration, project management processes and tools, academic standards, 21st Century Skills, and Technical Skill Standards. This variable-credit course includes completing the Asia Society Global Competence modules at a minimum, which involves participating in an online community of learners, sharing curricular resources, and establishing a long-term collaborative network focused on integrating and implementing global competence into career and technical education classrooms.

Texts
Course resources are provided in the modules and the accompanying toolkit.

Course Objectives
This course will allow the student to understand global competence and project management, connecting CTE disciplines and curriculum to global competence while incorporating project tools and processes for curricular integration.

Student Learning Outcomes
By actively participating in this course and successfully completing all assignments, course participants will be able to:
1. Describe the need for global competence and project management in order to prepare students to meet the demands of careers in a global 21st century.
2. Illustrate the global career opportunities that exist in CTE pathways.
3. Integrate global competence and project management into CTE career exploration and classroom projects.

Course Requirements
- Each student will complete all Global Competence in Career and Technical Education Classroom modules, including the completion of all activities, completion of a lesson plan, and participation in the CTE Learn Community discussion forums.
- Each student is expected to participate and demonstrate professional behavior at all times.
Module 1 Contents

Welcome / Overview (Sections 1.0–1.5)
- Videos: Overview of Global Competence
  Business Perspectives on the Global Nature of the Workplace
- Useful link: Global CTE Toolkit

Defining Global Competence (Sections 1.6–1.15)
- Activities: Self check on the domains of global competence
- Discussions: Where do you see a connection between your content area and global competencies in your classroom?
- Videos: Namaste: One Teen's Look at Nepal
  Interview with Future City students (only available in module)
- Reading: “Preparing a Globally Competent Workforce and Citizenry” (Techniques Magazine, September 2014)

Workforce Readiness Skills and Global Competence (Sections 1.16–1.20)
- Activities: Mapping the Nation activity worksheet and instructions
  Self check on global workforce readiness skills and resources
- Videos: Mapping the Nation
- Useful forms: Global Leadership Performance Outcomes and Rubrics
- Useful link: Mapping the Nation website

Global CTE Toolkit

What Do Global Competencies Look Like In The CTE Classroom? (Sections 1.21–1.28)
- Activities: Who Are My Students?
  Develop an Employability Rubric or Feedback form
- Discussions: Choose a project to globalize
  Post your employability rubric or feedback form to share with others
  How could these projects reinforce global competence?
- Videos: Lesson on how culture impacts memory (only in the module)
  Global Nature of Health Careers
- Useful forms: Employability Skills Feedback Form

Project-Based Learning and Project Management Overview (Sections 1.29–1.34)
- Activities: PMIEF Project Management Skills Self-Assessment
  Self check on project management tools
- Discussions: How are you using project management in your classroom?
- Videos: Teaching Students How to Succeed (Karl Ruff, teacher in Seattle, Washington)
  SAGE - A Framework for Project-Based Learning
- Useful links: PMIEF Project Management Toolkit for Teachers

Wrap Up (Sections 1.35–1.38)
Module 2 Contents

Welcome/Module 1 Review (Sections 1.0–1.5)
  - Useful link: Global CTE Toolkit

Template, Toolkit, and Feedback Protocol (Sections 1.6–1.7)
  - Useful forms: Blank Project Template
    Sample Projects
    Crosswalks Aligning CTE Standards to Global Competence

Global Leadership Skills (Sections 1.8–1.16)
  - Videos: The Power of Global Competence
    Student Competitive Event - World Food Prize (only available in module)
    CTSO Competitive Event Example - FBLA/PBL Global Business
    Oxnard PAL & Oxnard High School’s Hydroponic Garden
    Leaders in Global Business – Developing Global Skills (only available in module)
  - Discussions: If a global leader from your content area was interviewed, what would their career progression look like?
  - Useful forms: Global Leadership Performance Outcomes and Rubrics

Initiating the Project (Sections 1.17–1.28)
  - Activities: Create Your Project – Global Issues Overview; Knowledge and Skills Sections; Project Definition and Goals; Scenario; and Support, Modifications, and Extensions section.
    Self check on essential questions
  - Discussions: Support, modifications, and adaptations
  - Global Issues Overview feedback
  - Videos: Question Formulation Technique introduction (Rightquestion.org)
    The Question Formulation Technique in a High School Science Class (Rightquestion.org)
  - Reading: PMIEF Project Management Toolkit for Teachers – Initiating folder (Slide deck)
  - Useful forms: Nina’s Project
    Blank Project Template
  - Useful links: Differentiation Strategies

Planning the Project (Sections 1.29–1.34)
  - Activities: Create Your Project - Materials, Resources, or Constraints section; Assessment; and Calendar of Major Activities
  - Discussions: Your draft Assessment
  - Reading: PMIEF Project Management Toolkit for Teachers – Planning folder (Slide deck)
  - Useful forms: Project Rubric samples (See PMIEF Project Management Toolkit for Teachers)
    Nina’s Assessment Rubric
    Sample Projects
Executing the Project (Sections 1.35–1.39)

- **Videos:** [Group Contracts for Collaborative Work](Teaching Channel)
  [Engineering Success – Wing Project](BIE.org)
- **Reading:** [PMIEF Project Management Toolkit for Teachers](Executing folder (Slide deck)
- **Useful forms:** Team Status Report and Master Inventory (PMIEF Project Management Toolkit for Teachers – Executing folder)
  [Group Contract](Lower right column – sign-in required)

Closing the Project (Sections 1.40–1.42)

- **Activities:** Create Your Project – Methods for Student Reflection section
- **Videos:** [Blackstone Valley Regional Tech Global Ed Student Showcase 2016]
- **Reading:** [PMIEF Project Management Toolkit for Teachers](Closing folder (Slide deck)
- **Useful forms:** [Nina’s Reflection Worksheet](Closing folder)

The CTE Toolkit and how it connects to Global Competence (Sections 1.43–1.45)

- **Activities:** Final self check
  Upload your project draft
- **Useful forms:** [Project Management Student Self-Assessment](PMIEF Project Management Toolkit for Teachers – Closing folder, Appendix page 12)

Wrap Up & Assessment (Sections 1.46–1.47)

- **Useful links:** [Badging, CEU, and Microcredential Information](Badging, CEU, and Microcredential Information]