**Course Title:** The Design of Anchored Brick Veneer  
Course # MIO-200  
Learning Units: 1 HSW  
Knowledge Level: Introductory

**Course Description:** This course reviews the manufacturing process and the appropriate ASTM standards for clay brick. Explains the building code requirements for anchored masonry veneer. Studies water control considerations. Assess the need to accommodate the differences in the movement of clay masonry. Explores some of the construction details that can assist in meeting the performance requirements of anchored brick veneer.

**Course Title:** Designing Resilient Buildings and Communities  
Course # CMD 350  
Learning Units: 1 HSW  
Knowledge Level: Introductory

**Course Description:** This program addresses the importance of resilient building design and how it differs from green building design. It covers the resilient qualities of concrete masonry products and wall systems.

**Course Title:** CMU Wall Performance  
Course # CMD 300  
Learning Units: 1 HSW  
Knowledge Level: Introductory

**Course Description:** This program covers the concrete masonry wall performance issues of crack control and water resistance. Results of water resistance research are reviewed. Construction details are recommended.
Course Title: *Northwest Energy Code Compliance with Mass Wall Assemblies*

Course # CMD 345  
Learning Units: 1 HSW  
Knowledge Level: Introductory

**Course Description:** This program addresses Northwest energy code compliance with mass wall assemblies. It covers commercial building design and is based on the latest state codes. Results from an energy modeling study are presented.