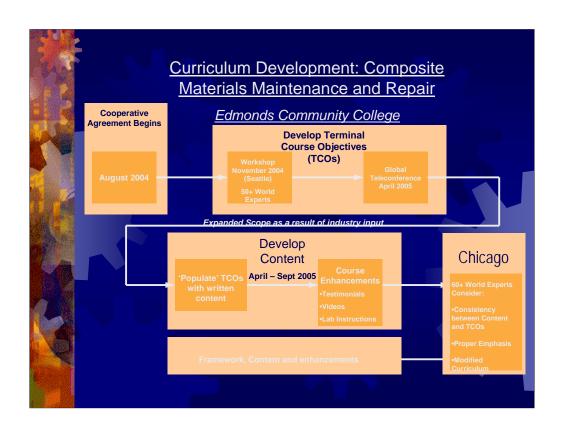


General Comments Course Caveats

This course...

- Provides an overview of the issues involved in composites' maintenance and repair, beginning with a common level of knowledge of composite materials terminologies and concepts
- Is not intended to provide training that qualifies students as composite repair practitioners







Critical Elements

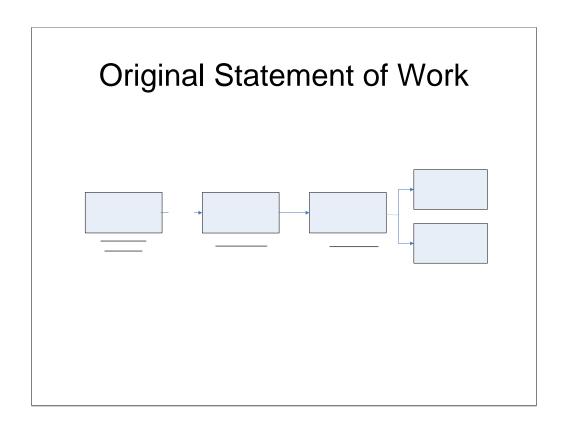
- Framework defined by Terminal Course Objectives (TCOs)
- Content to populate TCOs
- Assessment
- Deliverables: Publish TCOs, Content and curriculum enhancements by EOY 2005 – Phase I
- Deliverables (2006): Develop course and assessments – Phase II



Curriculum Development

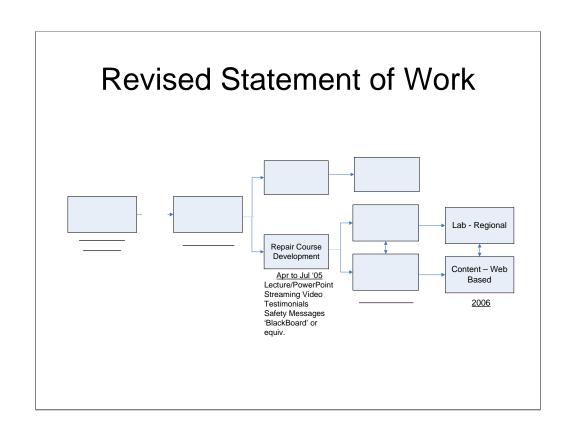
Collaboration of Industry & Academia & Government

- Workshops during curriculum development
 - FAA/Industry/Academia Workshop in Seattle, WA (November/December 2004) Establish course framework by identifying terminal course objectives (TCOs)
 - Tele-conference (April 2005) ~10 participants
 - FAA Workshop (Chicago Sept 2005) Evaluate content relative to course framework as defined by TCOs
- Results
- 2004 workshop 450 skills identified; 60+ TCOs; 11 major areas ('modules')
- Workshop report posted on AMTAS web-site for review: Jan 05
- Workshop attendees invited to evaluate progress and provide suggestions via tele-conference: April 28, 2005
- Increase in scope, resulting in prerequisite course plus additional content detail and tools
- Major Achievement: Consensus on course expectations
 MODULES (11): ALLOWS US TO FOCUS ON WHAT'S IMPORTANT



TCO Developme

Nov/Dec '04 Workshop



TCO
Development

Nov/Dec '04 Workshop Wo

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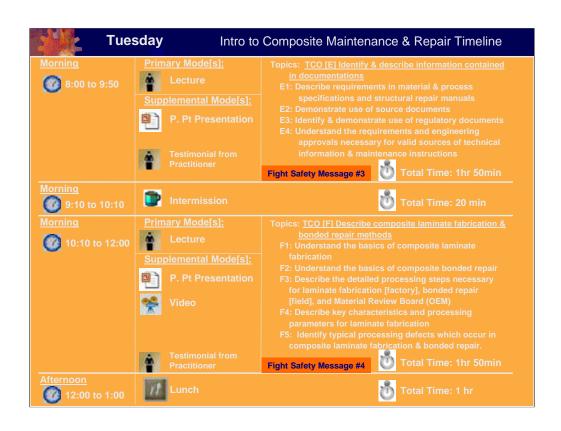
2005 Chicago Workshop

- Modules: Grouped into Key Subject areas and provided to small teams for preliminary assessment before workshop
 - Published on website for participant viewing
 - Focus: Define issues based on content
- Objective: 2005/2006: Publish course content and other teaching tools in 'public domain'
 Terminal Course Objectives (TCOs), categorized by modules

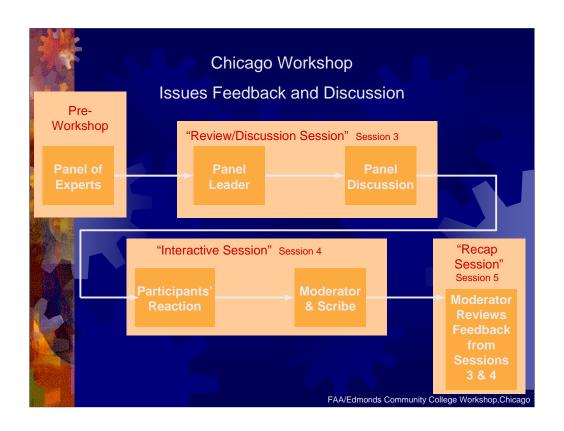
 - Written content, corresponding to TCOs
 - Testimonials and Videos
 - Laboratory instructions

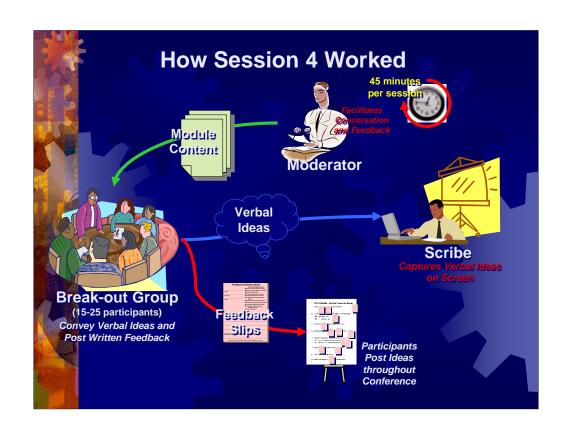


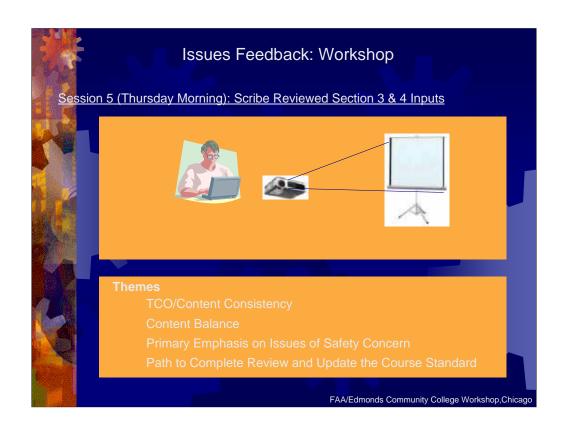
Elements of Curriculum Relationship to Course Design		
Elements (published)	Technique	Custom Curriculum
TCOs & Content		Learning techniques
Flight Safety Messages	STORY BOARD	Modified mix of elements
Testimonials		Teaching format
Videos		Target audience characteristics











Workshop Results

- Building curriculum framework: TCOs
 - Refined descriptions to better reflect intent
 - Prerequisite course contrasted with repair course – clarified in small group discussions
- Providing content to support TCOs
 - 'Tightened up' content





