Presenter: Giovanni Duarte, Senior Instructional Technologist / eLearning Accessibility Team Lead, DeVry Online Services

Email: gduarte@devry.edu

Date: March 19, 2013

# Designing inclusivity in – Success factors

The following were key success factors for ensuring accessibility was implemented and students were fully supported by DeVry Online Services:

* **Be ahead of the curve:** Work closely with ADA officers to identify student needs and provide support before the student experiences difficulties
  + Identifying courses and going through remediation process
    - Working with Academics to identify faculty and SME support
    - Using a database to maintain records and assist with support processes.
  + Assisting Students as needed while taking courses
* **Develop Gatekeepers**: Ensure Instructional Designers and Course Developers become accessibility “gatekeepers” for web accessible content development
  + Proving guidelines, documentation and support
  + Helping them to be accessibility keepers
  + Development of “Accessibility Guidelines for Inclusive Course Development” website.
* **Make it easy***:* Develop accessible templates and tools for creating web accessible content
  + Building course templates that are WCAG 2.0 Level AA compliant
  + Implementing offline build process to ensure clean and compliant code
  + Implementing HTML and JavaScript interactive assemblers to replace Flash components
  + Implementing MATHML to show math content
* **Support the front line**:Provide processes and tools for fast and effective support
  + Assisting ADA student with a student planning process
  + Providing alternatives and support systems to our students
  + Identifying tools and services to support students
    - Closed Captioning
    - eBooks and Publishers
      * AMAC
      * Pearson (Strong Relationships)
    - Transcript services
    - Accessibility Experts to test systems and courses

# Building accessibility in from the start

It is important to include accessibility conversations right from the start of a new development. Someone needs to own accessibility, be the expert and make sure everyone else knows who you are and how you can help them.

* ***Build the right team*** *– Coders with deep understanding of accessibility tools*
  + Web Developer with deep understanding of accessible techniques
  + eLearning Accessibility Team
* ***Build with the right principles*** *- Universal Design: Access and options for all (multiple delivery channels for student selectivity)*
  + Audio
  + Text
  + Color Contrast
  + Printing options
  + Device independent
* ***Build with the right tools*** *– CSS, HTML5, JavaScript. MathML*
  + CSS
  + HTML Structure
  + JavaScript
  + MathML