DRAGONS, MAGIC PENS AND OTHER WIZARDRY FROM DSPS

With Christy Pimental and Tyler Wyckoff of the DSPS Dept.
CHRISTY PIMENTAL
DSPS Overseer

• A graduate of FLC in 2009 AA in Communications and GE transfer.
• 2013 graduate of CSUS with a BA in Communications Studies, PR
• September 3, will begin a Masters program at CSUS in Communications Management.
CHRISTY PIMENTAL
DSPS Overseer

• Started in 2006
  work study student, a part time employee
  and now the full time SPA
• I wear lots of hats!!!
TYLER WYCKOFF
The Great and Powerful
Alt. Media Wizard

• Graduate of FLC and ARC - GE & Music Business
• Graduate of Sac State - Film/Digital Video Production
  • Minor in Underwater Basket Weaving
• Employed at FLC Bookstore (2008-2013)
• Employed at FLC DSPS (1/13-Present)
  • Alternative Media Specialist
TYLER WYCKOFF
The Great and Powerful
Alt. Media Wizard

• Finding, creating and/or converting textbooks, handouts, exams, and other materials into various different media formats to help disabled students access these materials in ways they wouldn’t otherwise be able.
• Finding and maintaining Assistive Tech. hardware and software and training students to use them.
• Updating DSPS web page and social media pages.
• Growing and maintaining the official FLC DSPS beard.
ALTERNATIVE MEDIA

- Digital and physical media formats into which textbooks, handouts, exams, etc. can be converted for purposes, in our case, of facilitating the access to and apprehension of these materials by students with disabilities.
ALTERNATIVE MEDIA

- MP3/audio books (for learning disabilities, vision impairment, etc)
- Kurzweil 3000 (text to speech, reading, writing and test taking – for learning disabilities and some low vision)
- Braille
- Textile graphics (embossed – for visual impairments)
- Large format print (for visual impairments)
- PDF (Adobe tagged e-book)
ASSISTIVE TECHNOLOGY

• Devices and software applications that help to facilitate the access to and apprehension of materials, as well as note-taking, test-taking, writing, etc. by students with disabilities.
ASSISTIVE TECHNOLOGY

• JAWS Screen Reader (visual impairments, etc) – Available in the computer lab, the reading/writing center, and DSPS.
• Dragon Naturally Speaking (speech to text for students with physical disabilities that inhibit their ability to type, etc) – available in the reading/writing center and DSPS office
• Kurzweil 3000 – available in the computer lab, DSPS office and reading/writing center
• Learning Ally (audio book system for LD, visual impairment, etc)
• CCTV (closed circuit monitor for enlarging text and images – for visual impairments). – in the computer lab.
LiveScribe

Founded by Jim Marggraff in 2007 in Oakland, Calif., LiveScribe Inc. has developed a new low cost mobile computing platform to enhance personal productivity, learning, and communication. The company’s platform increases the fundamental value and use of writing and speech by enabling the capture, access and sharing of this information anytime, anywhere, on any device.
LIVESCRIBE PEN

How does the pen work?

• The Anoto pattern paper
• Infrared camera
• Microphone
• Auto-play back speaker
LIVESCRIBE PEN

What does the pen do?

• The ballpoint pen can record lectures and sync the user’s handwritten notes.

• Livescribe
LEARNING ALLY

- A software-based digital audio book system for students with disabilities containing “the world’s largest library of audio books”
- LD, Visual Impairments
- Installed on student’s device
LEARNING ALLY

LA Video
KURZWEIL 3000

- A text-to-speech and production software application used to facilitate reading, writing, text-taking, and studying.
- LD, etc.
- DSPS, PLE, R/W center.
KURZWEIL 3000

KZ3000 Video
JAWS SCREEN READER

• A screen-reading software application giving the user a unique set of tools for navigating and accessing web pages and screen content.
• Visual impairments
• DSPS, PLE, R/W center
DRAGON NATURALLY SPEAKING

• A speech-to-text or “speech recognition” software application that enables users to create and edit documents or emails, launch applications, open files, control the mouse, etc.
• Physical disabilities
• DSPS, R/W center, student’s device.
DRAGON NATURALLY SPEAKING

DNS Video
DRAGONS, MAGIC PENS
AND OTHER WIZARDRY
FROM DSPS

THANK YOU!
QUESTIONS?

Um, I have a question