The IDEA Model

Using A Collaborative Framework to Produce Innovative Online Learning Objects
WHY CREATE “IDEA?”

1. Efficiently Design Online Courses/Learning Objects
   • Accelerated Timeframe

2. Lack of ID Resources or “Lone” ID

3. Individual Instructor
   • Lack of time or high learning curve
The Model

IDEA

Interact

Design/Develop

Assess

Engage
IDEA WORKS BEST:

• Well-established objectives
  • F2F to Online Course

• Interactive, engaging online content

• Collaborative team component

• Element of Rapid prototyping

• Projects in Higher Education
REACT (Recognition & Evaluation of Autism Contact Training) taught to Alabama law enforcement in F2F format.

REACT partnered with UAB to make the course available online to all law enforcement officers/first responders.
The Challenge

• Design self-paced, online certificate program from a successful F2F course

• Timeline – 2 months to launch

• Interactive, authentic, and engaging
Bridging the Gap

Face to Face

- SME
- Assessment
- videos
- objectives
- advocates
- enthusiasm
- plan
- design
- time
- team

Online Self-Directed
Model & Framework

Based on:
Engagement Theory
Cooperative & Collaborative Theory
Step 1: INTERACT

1. Bring the Team Together
2. Identify Focus, Objectives, Timeline, Audience
3. Brainstorm Activities and Assessments
4. Identify Technology Tools
TEAM

Subject Matter Experts
Instructional Designers/Technologists
Creative Media Specialists
Videographers/Editors
Advocates/Family Members/Caregivers
REACT PLAN

Focus
- Real World
- Factual
- Concise Information
- Immediate Application
- Interactive
- Engaging

Audience
- Law Enforcement
- First Responders
- Trainees
- Caregivers
- Advocates

Technology Tool(s)
- Short Videos
- Images
- Learning Checks
- Multiple Attempts
- Feedback
- Ability to Stop & Start
- Mobile/Tablet
### Step 2: DESIGN/DEVELOP

| Look and Feel –  |
| Colors, Font, Design, Flow |
| Prototype of Module 1 |
| 6 Modules –  |
| 3 Instructional Designers |
| Regular Review & Feedback by  |
| Subject Matter Experts |

| Learning Activities –  |
| Drag and Drop |
| Infographic |
| Hot Spots |
| Choose the Best Scenario |
| Matching |
| Animation/Sliders |
| Quizzes |
| Videos |
Content Creation – Articulate 360/Storyline

Editing – Adobe Premiere Pro, Camtasia

Design Tools - Photoshop, Illustrator, Canva, Pixabay

Assessment Tool – Survey Monkey, Articulate Review
Did You Know?
By 2020, more than 500,000 children with Autism will reach adulthood. Many will drive and live independently.
INTERACTIVE ELEMENTS

Will You Be Ready?
Autism is the fastest growing developmental disability in the United States. By 2030, the number of people over the age of 60 with developmental disabilities, including Autism, will reach 1.2 million nationally.

Did You Know?
By 2020, more than 50,000 children with Autism will reach adulthood. Many will drive and live independently.

Caught on Camera
The toy truck was mistaken for a gun and authorities were called.

Behind Closed Doors
Not all people with Autism have violent outbreaks, but many do. This mother explains what it’s like to live with her adult son who demonstrates violent and self-injurious behaviors. As you watch the video, think about how you would respond or react if you were called to this home for a domestic disturbance.

After the video, you will get to decide: what would you do?

Wandering
Dustin Chandler discusses the importance of search & rescue when an individual with Autism has wandered. Immediately search areas that pose the highest threat first, such as nearby water, busy streets, train tracks, and parked cars.
Step 3: ENGAGE

- Conduct UX Testing (Prior to Course Release)
  - 8-10 Autism Advocates
  - 6-8 Campus Safety Officers
- Design Method of Delivery for Learners
  - LMS/Canvas
- Develop Instructions for Facilitators
- Develop and Test Participant Evaluation
  - Survey Monkey
Instructions for Facilitators

• Course curriculum
• Learning outcomes
• Method of delivery
• Student registration
• Login pages for individuals & groups
  • LMS or website functionality
  • Help/Support
Step 4: ASSESS

The Assess stage offers a step for evaluating quality in online instruction and a chance to fill any gaps before official release of the course.

"Are we teaching what we think we are teaching?"
AND
"Is there a way to improve this course?"
Dustin Chandler 5 months ago
We need to get new pics of sign language and PECS systems.

Laura McNeill 4 months ago
Corrected.

Dustin Chandler 4 months ago
2 and 4 are the same thing. Please replace with "Just because we don't give eye contact doesn't mean we're not listening to you or being disrespectful".

Laura McNeill 4 months ago
Changed.

Dustin Chandler 5 months ago
Change title: Remove Teenager. Could be just "Wyatt's Tips on Communication"???
I think this has been adjusted in most slides, but it would be good to go through everything and make sure that person-first language has been used throughout. I think there were a couple places (can't find the specific slides) where the word "autistic" was used - instead use "person with autism." While some self-advocates prefer the use of "autistic" (Which is an important perspective), technical writing guidelines require person-first language.

This video also cuts off the tail end. You can still hear her talk but cannot see the video any longer.

Answers need to be changed. Are we looking for an "all of the above" answer on this one? I think we should hammer home the point again for characteristics. (this comment is for Quiz question 2 not 3)

Once the user clicks submit, the message that pops up says "Correct. That's right! You selected the correct response." If you are able to change this I think response needs to be plural.
Thank you for completing the REACT training modules. Please complete the following short evaluation of your training experience. When you submit the evaluation, you will be directed to a new screen to print your certificate of completion.
REACT FEEDBACK & FINAL THOUGHTS

• “First.. absolutely phenomenal job, so as a parent thank you so much for training law enforcement how to take care of and treat our loved ones on the spectrum! If I think of anything to add or take away I will share with you but I truly believed y'all nailed it right out of the gate. Tell Sarah she did great! Thank you for trusting my judgement in allowing me to survey your website. Everyone did great!”

  - Autism Society of Alabama Network Leader in Athens, AL

• Awarded Air Force Contract to train security forces & first responders

• Course continues to be offered through IAG and UAB

  • http://www.interactionadvisorygroup.com/react-online/