Edutainment & E-Learning
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“How do we provide effective training for health physics professionals?”
Health Physics

• What is Health Physics?

• Who are they and what do they do?

• Educational and field experience
Proposed Innovation

- IPRO 329 - Training Simulation Design
- Scenarios to assist in training of HPT's
- How to create, design & develop
Hands-on Training
Hands-on Training
Team Structure
Team Structure
Team Structure
Team Structure

Advising

Design

Project Management

Development

Team Structure
Project Management

- Inter-team liaison
- Project scope
- Research
- External funding
- Marketability
Design

- Interior & exterior designs
- Realism factor
- Expandability
- Federal regulations
Building Exterior
Building Exterior
Building Interior
Building Interior
Development
Development

- Game engine
- Storyboard implementation
- User interface
- Tools & equipment
Walkthrough
Usability

- 2 sessions
- Experienced participants
- Feedback:
  - Scenario
  - Navigation
  - Equipment
Looking Ahead

- Finishing scenario
- Additional scenarios
- External funding