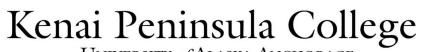
SIGNOR

Better Than Reality

Capitalizing on the capabilities of 360° immersive technology to meet student learning needs.





UNIVERSITY of ALASKA ANCHORAGE



Dr. Richard L.Webb

Partner, COO Designori



Kim Frost, M.Ed / PhD(c)

Student and Enrollment Services Manager/ Kenai Peninsula College

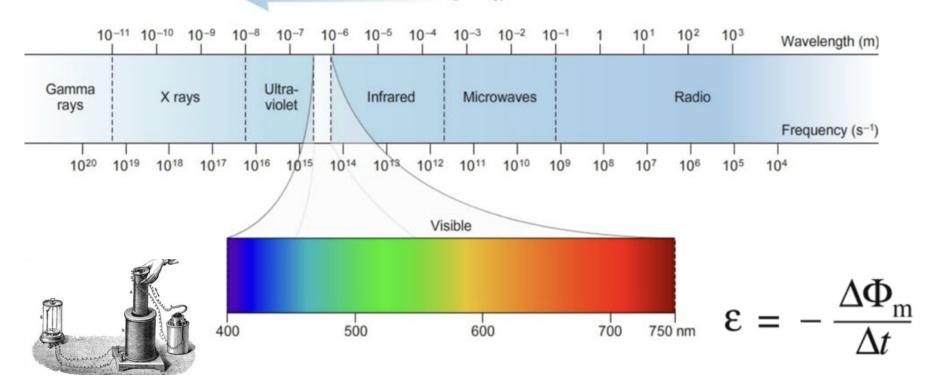


Presentation Plan

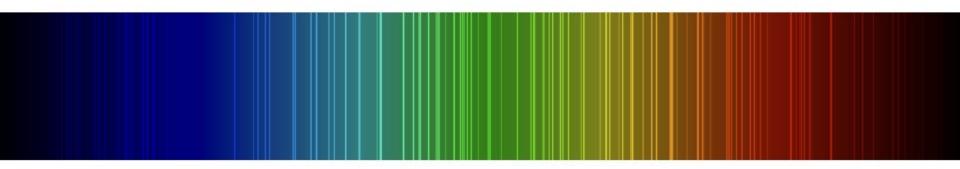
- The Reality Spectrum Argument
- An Emergent Technological Ecosystem
- Experiential Modalities
- Kenai Peninsula College: Process Technology Reality
- Apply Cognitive Apprenticeship Theory
- Debate real world vs. IR
- ?
- ?

Increasing wavelength

Increasing energy







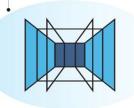
Lived Captured Modeled Played Learned Reality Reality Reality Reality Reality Reality

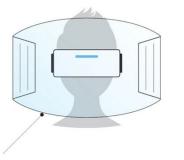


Experiential Modalities

VIRTUAL REALITY (VR)

Completely digital environment





AUGMENTED REALITY (AR)

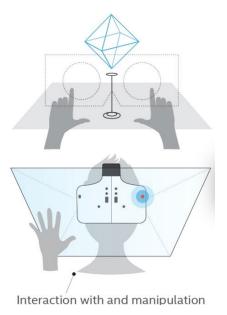
Real world with digital information overlay

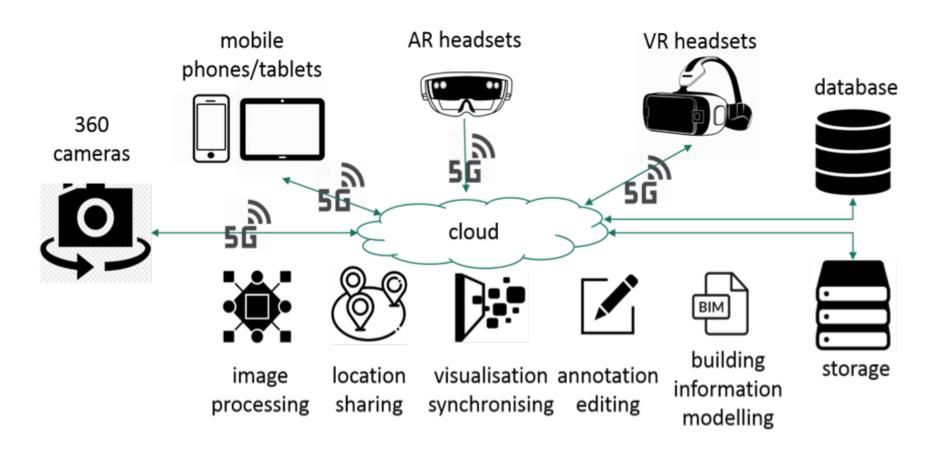


Real world remains central

MERGED REALITY (MR)

Real and the virtual are intertwined







Kenai Peninsula College UNIVERSITY *of* ALASKA ANCHORAGE





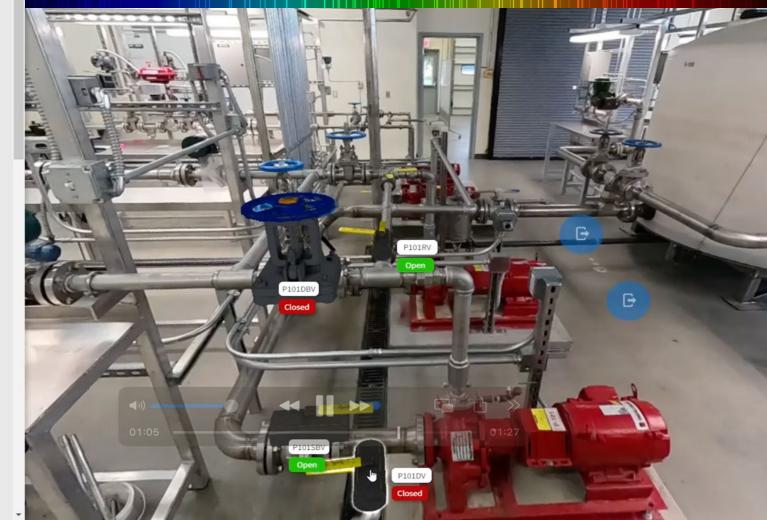


Objectives

- 4 Shut drain valve
- 5 Open suction block valve
- 6 Shut discharge block valve
- 7 Open Recycle Valve
- 8 Shut P-101 Breaker at MCC
- 9 Set VFD to minimum speed of 30 Hz
- 10 Start P-101 in Hand
- 12 Shut bleed valve
- 13 Open upstream block valve
- 14 Open downstream block valve
- 15 Shut bypass valve
- 21 Open upstream block valve
- 26 Open downstream block valve
- 27 Verify selector switch for LV-102 control is in the "LT-102 Electronic" position
- 31 Verify selector switch for LV-112 control is in the "LT-112 Electronic" position
- 34 Open discharge block valve
- 35 Shut recycle block valve
- 36 Increase speed of P-101 at MCC to normal (60 Hz)

Stations

- 0991 0992 0994 0995 0999 1000
- 1001
- 1002 1003



PT421

Yokogawa Model EJX530A



Customer Portal

Brochures

- Instruction Manuals
- General Specifications
- 2D/3D Configurator
- O Technical Support

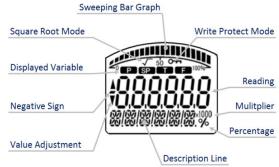




The EJX530A is a high-performance gauge pressure transmitter used to measure liquid, gas, or steam pressure. Featuring Yokogawa DPharp sensor technology, the EJX530A delivers measurements accurately, quickly, and reliably.

EJX-A series models in their standard configuration, with the exception of the Fieldbus and PROFIBUS types, are certified as complying with SIL 2 safety requirements.

- Accuracy: ± 0.04% of Span
- Response Time: 90 msec
- Stability: ± 0.1% of URL per 15 years





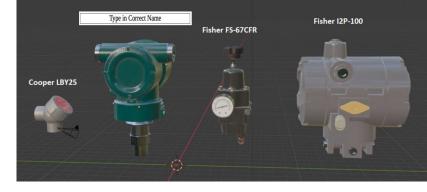
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Text-Based Responses / Answers / Questions







Objectives

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- 36 Increase speed of P-101 at MCC to normal (60 Hz)

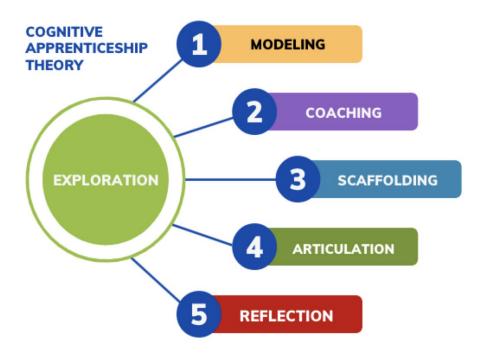
Stations





DESI

GNOR



Designing for personas







Modeling appropriate radio communication.



HINT

Start V301 in Recycle

THINK FIRST There are 3 questions you need to answer in order to start this pump in recycle.

Is there instrument air availability? ?

HINT

HINT



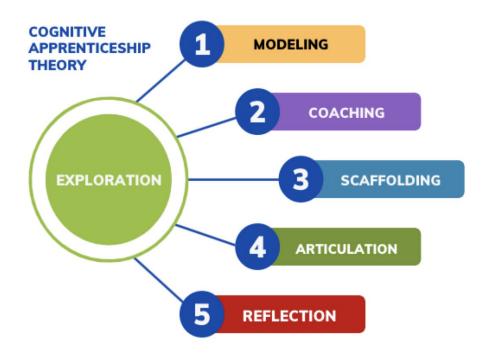




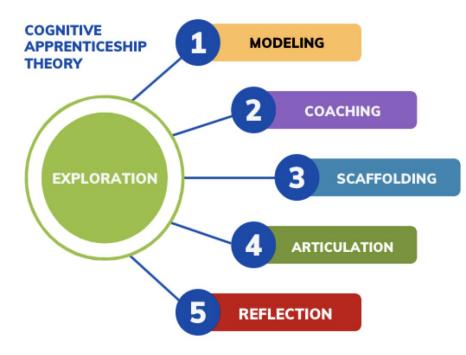




Sandboxing



Equal or Better?





^{Objectives} /Users/Kim/Documents/BIOL692/D

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Stations





DES

GNOR