Hands-on Automation and Controls Curriculum
Entertainment and Beyond

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"At no time in the history of mankind since Leonardo have the tools of the artist and the engineer been more congruent."
- Joseph Seipel
  Former Chair of Sculpture, Virginia Commonwealth University
  Currently VP, Savannah College of Art and Design
Art and Engineering

For example...

Robotics <=> Kinetic Sculpture
Automation and Controls

Show Movie...
Automation and Controls
UNLV Center for Automation Research, Technology, and Education (UCARTE)

- Received two grants from NASA Space Grant for curriculum/work force development.
- Received equipment/software grant from Siemens Automation ( $40k).
- Receiving equipment donations from Cirque du Soleil ( $30k).
- Promised support from AMC, SMC, Spencer Technical, Stage Technologies.
- 20 students working in the lab on class and independent research projects.
Automation and Controls

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Large Dynamic Structures

Hands-on Automation and Controls Curriculum
ReLiving Las Vegas

Hands-on Automation and Controls Curriculum
ReLIVING Las Vegas
Summary

- UCARTE has been established with Space Grant funding.
- Students getting hands-on experience playing with industrial automation technology.