

cloudathon@UH

A Cloud-based Team Competition

Cougar Initiative to Engage (CITE)
Competitions as Co-Curricular Learning
February 23rd, 2022

Presented by Jose C. Martinez, Ph.D.

Outline

- Competition Model
- Showcasing your skills
- Student Leadership Committee
- Industry and Alumni Participation
- Benefits and Challenges





cloudathon@UH Competition

- Annual team competition to provide industry relevant experience for cloud-based roles for university students. Cloudathon@UH 2022 is the fourth year.
- Students apply their cloud implementation and practical skills solving current industry-level, and relevant problems.
- Complements the cloud-based content in the CIS curriculum.
- Competition Judges and Advisors from the industry.

Showcasing your practical technical skills

- CIS curriculum rich and relevant on cloud-based content
- Students are prepared to showcase, in real-time, their technical, practical and team working/collaboration skills to the industry
- Competition problem targets the AWS professional certification content
- Students from CIS, CS, MIS, ET, Engineering, and Math are directly invited
- CITE Learning Outcomes:
 - Problem Solving
 - Effective Communication



Showcasing your leadership and PM skills



cloudathon@UH 2021 Student Leadership Committee

Student Leadership Committee

- Student led competition event
- Leadership and project management opportunities to current CIS students
- CIS faculty serves as a committee chair and mentor
- Managed and executed following the PMI project management methodology and artifacts



Participation By The Numbers



Competition

100 Students



Student Leadership
Committee

8 Students, 1 Faculty
Advisor



CoT Admin Support and
Extended Committee

6 Resources, 1 Faculty
Advisor



Student Volunteers

20 Students from Student
Organizations



Industry Participation

20 Judges/Advisors

Benefits and Challenges

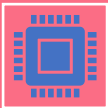


Benefits



Industry recognition and engagement

University, Program and Students



Industry collaboration and support for complementing events

Cloud Computing Series
AWS Certification
Training for Professionals



Brand exposure outside of academia

Contributions, advising, speaking opportunities

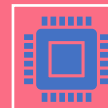
Challenges



Financial Sponsors

People support their own personal time, skills and resources

Need support or to become a "salesperson"



Competition Spirit

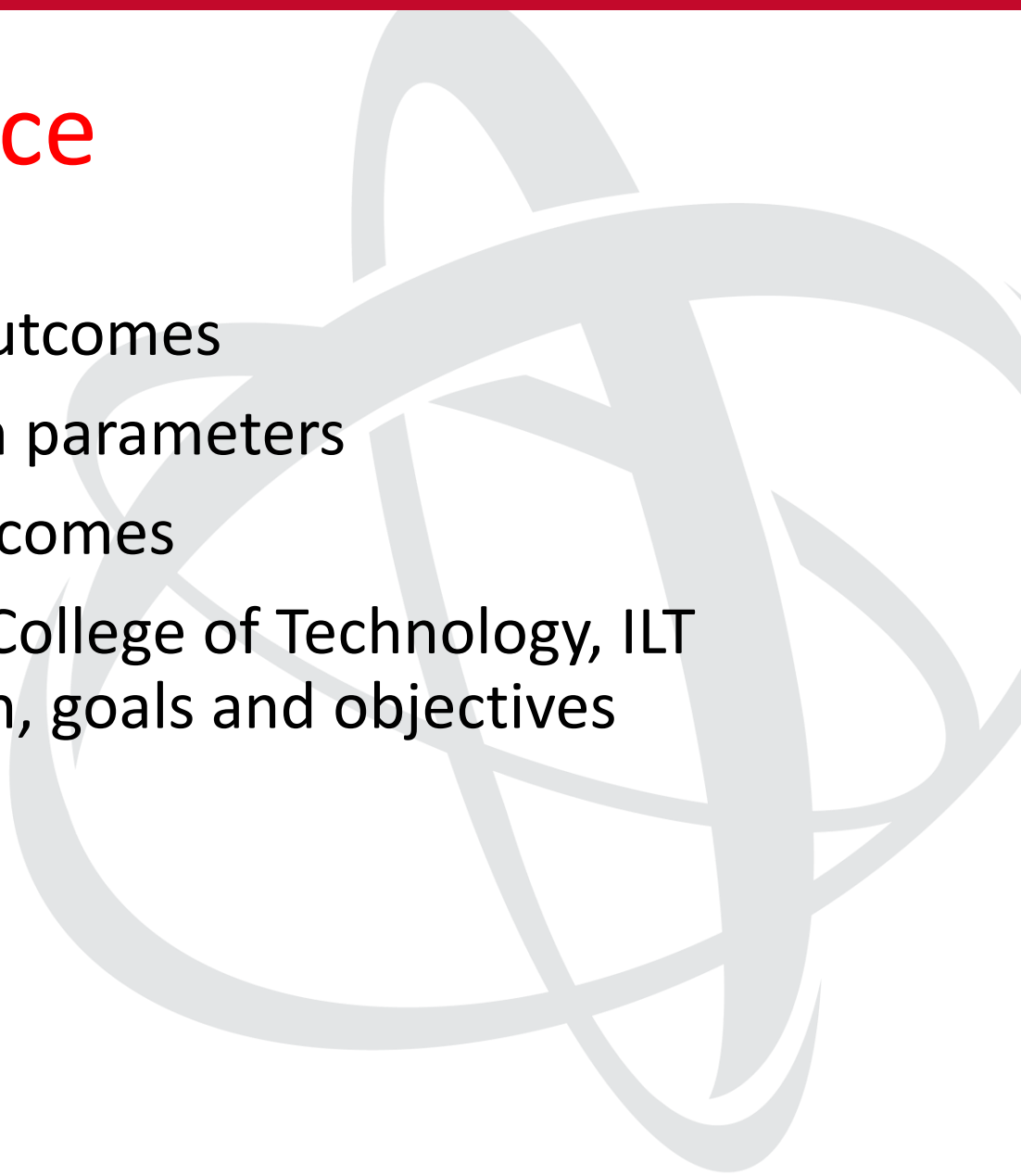
Our own fears



Our own doing

Beware of your own master plan

Governance and Compliance

- Directly support CIS Program Student Outcomes
 - Directly supports the ABET accreditation parameters
 - Directly supports the CITE goals and outcomes
 - In direct alignment with the University, College of Technology, ILT Department, CIS Program mission, vision, goals and objectives
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cloudathon@UH References

cloudathon@UH website:

- <https://uh.edu/technology/programs/professional/cloudathon/>

Cloud Computing Series Events Schedule website:

- <https://uh.edu/technology/programs/professional/cloudathon/event-schedule/>

Q&A



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