

# GARTNER'S TOP

## 10 Strategic Technologies Impacting HE

Innovation leadership across the ASU enterprise is aligned with the top strategic technologies impacting higher education identified by Gartner. From next-gen security & risk management partnerships and processes, to systems empowering faculty in their career journeys, to strategic use of nudge technologies across ASU's digital campus services -- ASU is leveraging key technologies for the current and future success of our community.



### ARTIFICIAL INTELLIGENCE STRATEGY & TACTICS 1

Benji, financial aid chatbot

**Sunny, ASU Information chatbot**

This chatbot provides information and answers to question about ASU conveniently via text.

**ALEKS mathematics placement assessment predictive model**

Actionable analytics predictive model

Metaflow orchestration to enable artificial intelligence workloads

Dreamscape adaptive journeys

Cogbooks

Project Orchard

Skills mapping using Natural Language Processing



### NEXT-GEN SECURITY & RISK MANAGEMENT 2

Crowdstrike partnership

Data subject request process

Data protection impact assessments

Privacy review process, and privacy checklist

Maturation of the centralized application inventory (CMDB) with GDPR data

Evaluating ServiceNow GRC and risk modules for further automation of enterprise security and data compliance



### SMART CAMPUS 3

**Smart City Cloud Innovation Center**

**Cox Connected Environments Collaboratory**

"Blue light" smart poles on campus

Enterprise geographic information system platform

ASU Sync smart classrooms

Crowd intelligence proof of concept with Intel

**ASU augmented reality scavenger hunt app**





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### NUDGE TECH

Push notification content management system

ASU Enterprise Chatbot

**ASU Mobile App**

Designed to enhance and support the student experience, the app is filled with features you'll use every day that will help you stay informed, efficient and connected to all things ASU.

**Slack**

AdmitHub



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### CROSS-LIFE-CYCLE CRM

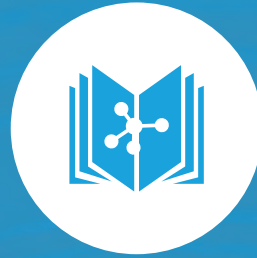
Salesforce standardization

Firecake

Learning Enterprise

Air University

EdPlus soft profile and ASU identity cloud model



### DIGITAL CREDENTIALING TECHNOLOGIES

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Badgr partnership

XPLOR Pilot

**Digital Credential Summit**

**Learning Futures Collaboratory Digital Credentialing**

Learning Enterprise design work

Open Skills Network participation



### 5G/ECOSYSTEM INFRASTRUCTURE

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**Cox Connected Environments Collaboratory**

T-Mobile partnership

Verizon Partnership

Dreamscape 5G enabled wireless 'backpack'

CBRS/mmWave for Connecting the Unconnected Network (south Phoenix)



### NEW DISPLAY, VISUALIZATION & COLLABORATION TECHNOLOGIES

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Faculty and student-created bots and integrations in Slack

1-to-1 and group chat ability in the ASU Mobile App

Daily health check data

Dreamscape Learn

Adobe Creative Cloud/Adobe Creative Campus

Student success suite 2.0+

**ASU Sync**

**Spark sessions**

**XR@ASU**

VirBELA campus pilot

Virtual graduation







## CAREER SOFTWARE

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### Career EDGE usage

**Career Arcade** This virtual reality experience offers immersive, hands-on exploration of careers including planetary scientist and structural engineer. A beta version of this project is currently available.

### Handshake

**Me3 Major and Career Quiz in ASU Mobile App**

Digital portfolio

**MyASU Career Milestones**



## FACULTY INFORMATION SYSTEMS

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Faculty Search

**ASU Vita**

**Review, Promotion, Tenure**

**Faculty Activity Report**

Interfolio Faculty Search