

**EDUCATE.**

**INNOVATE.**

**CONNECT.**

## **IT STRATEGIC PLAN FOR 2016-2020**

## **CONTACT US**

### **OFFICE OF IT / COMPUTER CENTER**

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## **OUR VISION**

The Office of Information Technology strives to be a regionally strategic and innovative IT organization that provides a leading edge technology environment for students, faculty and staff to advance the University mission goals.

## **OUR MISSION**

We advance the vision and goals of our University by contributing to educational innovation and providing agile, cost-effective, and reliable technology services and facilities to our campus community.

## **OUR VALUES**

Collaborative and Service-Oriented  
Accountable and Transparent  
Innovative and Secure  
Agile and Efficient

# GOALS OVERVIEW

## Secure and Dynamic Infrastructure

Build and expand agile and secure technology infrastructure to provide reliable, effective and sustainable services.

## IT Organizational Excellence

Invest in professional and intellectual development IT staff. Establish on enterprise IT governance that is participative and transparent.

## Innovative & Efficient Technologies

Maximize use of digital technologies, processes, and mobile connectivity so that the campus community can easily collaborate, innovate and facilitate the exploration and adoption of new tools that support pedagogy, academic vision and learning.

## Student Success

Empower students, faculty and staff with technology-based solutions that promote curricular and co-curricular success.

# IMPLEMENTATION FOR STUDENT SUCCESS

- Implement Predictive Analytics and Business Intelligence Dashboards
- Implement a Mobile student registration system and college scheduler application
- Implement Mobile integration with Student Success systems that show students where resources can be found
- Software and systems used by industry will be made available and taught to students
- Provide students with enterprise software
- Standardized official university email system
- Enhance technology in the classroom
- Expand and increase capacity of Wi-Fi in all classrooms and common areas of the campus
- Create Active Learning spaces in the Library
- Create Active Learning classrooms
- Convert all classrooms to smart classrooms
- Provide students with technology devices, such as Laptops and Tablets

# CONNECTIVITY

## Infrastructure and Information Security

1. Improve Network Infrastructure using Higher Education IT Best Practices
  - Single-Sign-On, Office 365, SharePoint Portal, Active Directory, Shibboleth, Eduroam
2. Enhance Campus Wi-fi
3. Implement National Science Foundation Campus CyberInfrastructure Grant – Network Design Proposal Improvements
4. Implement Information Security Best Practice Policies and Procedures
5. Modernize the University Data Center
6. Establish an Information Technology Project Management Office
7. GOREX: Guam Open Research & Education eXchange
  - Ultra-high speed internet connectivity
  - Trans-Pacific Hub for resiliency



UNIVERSITY OF  
**GUAM**  
UNIBETSĀT GUAHAN

## OPERATIONS

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