

DRAFT INFORMATION TECHNOLOGY STRATEGIC GOALS 2016-2020

1) Secure and Dynamic Infrastructure. (Aligned with G2G Issue 3 and 5) *Build and expand agile and secure technology infrastructure to provide reliable, effective and sustainable services.*

- a. Improved Network Infrastructure Campus-Wide (fiber and Cat6)
- b. Reliable and stable email systems and fast internet access
- c. Secure, reliable data center with sufficient power, cooling, and backup power and cooling facilities.
- d. Standardize hardware, software, and support services as much as possible to deliver baseline services to enable economies of scale.
- e. Establishment of a high speed (10Gb to 100Gb) Research and Education Network with connectivity to Global RENs
- f. Build and Upgrade Information Technology Infrastructure in support of **Online Programs**. This includes both Faculty and Student support to enhance the student online experiences.

2) IT Organizational Excellence (Aligned with G2G issue 2 and 4) *Invest in professional and intellectual development of IT staff. Establish an enterprise IT governance that is participative and transparent.*

- a. Development and finalization of 5 year IT G2G Strategic Plan
- b. Staff development program with funding for training and travel
- c. Develop staff that can support the goals of IT Strategic Goals #1, #3, and #4
- d. IT Financial Sustainability
 - Develop a sustainable and comprehensive multi-faceted IT Funding model. This include vendor partnership, sponsorship, and innovative revenue streams. The model should be inclusive in the use of university one-time savings to upgrade IT infrastructure.
- e. Establish a Presidential IT Advisory board.
- f. Establish enterprise IT Policies.
- g. Develop an IT Technology Day to increase IT awareness on campus.

3) Innovative and Efficient Technologies (Aligned with G2G issue 1-5) *Maximize use of*

T: 671.735.2640 | E: rommel@uog.edu | W: www.uog.edu/IT

Mailing Address: 303 University Drive, UOG Station, Computer Center Rm. 104, Mangilao, Guam 96913

The University of Guam is a U.S. Land Grant Institution accredited by the Western Association of Schools and Colleges and is an equal opportunity employer and provider.

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.

- a. Implement a campus-wide technology refresh program, including personal computers and communication systems upgrades.
 - i. Standardized Email System and Calendaring
 - ii. Standardized content storage and collaboration system
 - iii. Develop and implement single-sign-on
- b. In collaboration with campus business units, automate manual processes including a paperless campus initiative.
- c. In collaboration with the budget unit, implement a budget reporting data warehouse application to enable the campus to adequately keep track of unit finances.
- d. In collaboration with the Procurement group, implement a fully electronic procurement workflow that will enable real-time tracking and financial efficiencies.
- e. Establish and maintain standards on technology and tools acquisition
- f. Equip faculty with innovative technology-based solutions for curricular and co-curricular enhancements.
- g. Develop and secure funding for enterprise computer refresh program.

4) Student Success (Aligned with G2G Issue 1 and 5) *Empower students, faculty and staff with technology-based solutions that promote curricular and co-curricular success.*

- a. Implement Predictive Analytics and BI Dashboards including Student Success Dashboard.
- b. Mobile student registration system and college scheduler application
- c. Mobile integration with Student Success systems that show students where resources can be found.
- d. Software and systems used by industry will be made available and taught to students.
- e. Standardized official university email system for students (.edu higher education domain).
- f. Enhance technology in the classroom.
- g. Expansion and increase capacity of Wi-Fi to all classrooms and common areas of the campus.
- h. Create Active Learning spaces in the Library.
- i. Create Active Learning classrooms.

T: 671.735.2640 | E: rommel@uog.edu | W: www.uog.edu/IT

Mailing Address: 303 University Drive, UOG Station, Computer Center Rm. 104, Mangilao, Guam 96913

The University of Guam is a U.S. Land Grant Institution accredited by the Western Association of Schools and Colleges and is an equal opportunity employer and provider.



OFFICE OF INFORMATION TECHNOLOGY
Chief Information Officer

- j. Convert all classroom to smart classrooms.
- k. Provide students with technology devices such as Laptop and Tablets.
- l. Provide students with enterprise software.

T: 671.735.2640 | E: rommel@uog.edu | W: www.uog.edu/IT

Mailing Address: 303 University Drive, UOG Station, Computer Center Rm. 104, Mangilao, Guam 96913

The University of Guam is a U.S. Land Grant Institution accredited by the Western Association of Schools and Colleges and is an equal opportunity employer and provider.