



2014-2015 Assessment Cycle

## Key Findings

### Finding per Measure

#### Applied Computer Technology AS Program Outcome Set

##### To provide students with the skills needed to transfer to the Information Technology BS degree program offered by GCCIS

To provide students with the skills needed to transfer to the Information Technology Bachelor of Science degree program offered by the Information Technology Department in the B. Thomas Golisano College of Computing and Information Sciences.

##### 1. Students will demonstrate fundamental programming and web skills

▼ **Measure:** Web II [ISTE-240]  
Course level; Direct - Other

**Details/Description:** Course grade consisting of course projects, exams and quizzes

**Acceptable Benchmark:** 80% of students will receive a C or higher in the course.

**Implementation Plan (timeline):** Annually

**Key/Responsible Personnel:** Collected by ICS department Outcomes Assessment Coordinator

##### Findings for Web II [ISTE-240]

**Summary of Findings:** 6/7 or 85.7 got a C or better in this course.

**Results:** Acceptable Benchmark Achievement: Exceeded

**Recommendations :** Continue to monitor the results of this course.

**Reflections/Notes :**

##### 2. Students will complete the AS degree and be accepted into the GCCIS Information Technology BS program

▼ **Measure:** Student Transfer Rates

**Details/Description:**

**Acceptable Benchmark:** 85% of students with the AS degree from ICS who apply to a transferrable program in GCCIS will be accepted into that degree program.

**Implementation Plan (timeline):** Annually

**Key/Responsible Personnel:** Collected by ICS department Outcomes Assessment Coordinator

##### Findings for Student Transfer Rates

*No Findings Added*

##### 3. Students will indicate satisfaction with the AS program

Remove the word "Graduating" (in front of students)

▼ **Measure:** Student Satisfaction Survey  
Program level; Indirect - Survey

**Details/Description:**

**Acceptable Benchmark:** 75% of students will submit a rating of 3 or above (on a 1-4 point scale with 1 being Strongly Disagree, 2 being Disagree, 3 being Agree, and 4 being Strongly Agree) on related program satisfaction components of the Student Satisfaction Survey instrument

**Implementation Plan (timeline):** Survey will be administered annually

**Key/Responsible Personnel:** Collected by ICS department Outcomes Assessment Coordinator

## Findings for Student Satisfaction Survey

**Summary of Findings:** 6/7 or 75% of students submitted ratings of 3 or higher indicating satisfaction with all surveyed aspects of the AS program,.

**Results:** Acceptable Benchmark Achievement: Met

**Recommendations :** Continue to monitor this survey each year and of course, share results with program advisors and the program Chair.

**Reflections/Notes :** One of 7 students that submitted a rating of 2 indicated dissatisfaction because he/she had not fully decided on a BS level program yet. One of 7 students that submitted a rating of 2 indicated dissatisfaction because the student and faculty tutors were not available enough.

## To provide students with the skills needed to be successful in the Information Technology BS degree program offered by GCCIS

To provide students with the skills needed to be successful in the Information Technology Bachelor of Science degree program offered by the Information Technology Department in the B. Thomas Golisano College of Computing and Information Sciences.

### 4. Students will demonstrate the ability to design/build effective interactive systems, clients, & interfaces during their 1st yr in GCCIS

▼ **Measure:** Client Programming [ISTE 340]  
Course level; Direct - Other

**Details/Description:** Course grade consisting of projects, exams and quizzes

**Acceptable Benchmark:** 75% of AS graduates who successfully transfer will earn a grade of C or better in ISTE 340 Client Programming

**Implementation Plan (timeline):** Annually starting AY 2014/15

**Key/Responsible Personnel:** Collected by ICS department Outcomes Assessment Coordinator

### Findings for Client Programming [ISTE 340]

**Summary of Findings:** 5/7 or 71.4% of students got a C or better in this course.

**Results:** Acceptable Benchmark Achievement: Not Met

**Recommendations :** Drop this course from the AS assessment criteria for 2015-16. Skills learned in this course is a reflection of skills learning in prerequisite BS level courses, not NTID AS level courses.

**Reflections/Notes :** This is a BS level course and while student success in ISTE-240 (Web and Mobile II) may have SOME relationship to the fundamental skills students developed in NACA-172 (Website Development), performance (student grade) attained in Client Programming has no direct bearing on skills attained in any specific NTID AS course or courses. The only prerequisite for Client Programming is ISTE-240 Web II and ISTE-121 Computational Problem Solving II, both of which are taught by the IST department in GCCIS, not NTID. This measure should be removed starting 2015-16 as part of the assessment.

### 5. Students will successfully progress through and graduate from the GCCIS Information Technology BS program

▼ **Measure:** Graduation Rates  
Program level; Direct - Other

**Details/Description:** AS transfer student graduation rates in their chosen program  
GCCIS direct-admit deaf student graduation rates

**Acceptable Benchmark:** Graduation rates of AS transfer students will parallel those of deaf students directly admitted into the GCCIS IT BS program.

**Implementation Plan (timeline):** Annually

## Findings for Graduation Rates

**Summary of Findings:** As reported by Denise Wellin on 7/15/2015:

"I've" (Denise Wellin) "calculated the outcomes for the APLCMP-AS degree versus the two bachelor programs (ANSA-BS and INFOTEC-BS).

The following chart indicates graduates of the AS and if they advanced to earning a bachelor level degree.

Cohort Rate

2012 0

2011 0

2010 0

2009 0

2008 100%

2007 100%

2006 100%

2005 100%

2004 50%

2003 100%

2002 100%

2001 68%

This is based on the total of 32 students earning an associate's degree. Please note that the more recent years are still in the '7 year window' for completion of their bachelor's and thus, those percentages are likely to change in future years.

As for the bachelor cohorts, here is the data we have for those who were directly enrolled upon entry and their graduation rates.

Cohort Rate

2012 0

2011 0

2010 50%

2009 50%

2008 0

2007 25%

2006 33%

Again, please note that the more recent years are still in the '7 year window' for completion of their bachelor's and thus, those percentages are likely to change in future years."

**Results:** Acceptable Benchmark Achievement: Not Met

**Recommendations :** Since the number of students is so small (small N), and since data only reflects graduation rates through 2012, and since we are still within the 7-year graduation limit, I believe there is no reason to take action at this point. We will continue to monitor this information.

**Reflections/Notes :**

## Overall Recommendations

*No text specified*

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## **Overall Reflection**

*No text specified*

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