Information Literacy
2004

Technology Utilization

National Survey of Student Engagement (NSSE) Results

Report Prepared: October 2005

Learning Outcome
Through assignments in course work student utilize technology to enhance their skills to communicate and access information.

Method
The NSSE items below deal with utilization of technology. Among the respondents, traditional students compose 65% of the freshmen and 13% of the seniors.

Findings
The table below presents the comparison of freshmen and seniors on technology literacy items of NSSE.

• The self-reported frequency of utilization of electronic media such as listserv, chat group, internet, etc. is comparable between freshmen and seniors, and not different from doctoral intensive national norms for both groups.
• Seniors report more frequent use of email to communicate with their instructors than freshmen, but both groups report doing so less frequently than their doctoral intensive peers.
• Seniors report high degree of emphasis at ULV on the use of information and computer technology in doing academic work, but do so to a lesser degree than their doctoral intensive peers. Similarly, they report high degree of contribution by ULV to developing skills in the use of computing and information technology, but again do so to a lesser degree than their doctoral intensive peers.

Action Recommendation:
• Continue to train faculty in the use of technology to promote student learning
• Encourage faculty to expect increased use of information and technology resources in doing course assignments

Dissemination and Action Planning
During the 2006-2007 academic year this information will be shared during luncheon meetings with stakeholder, such as students, faculty and selected staff from the Office of Information Technology, to generate action plans.

Table 1
NSSE (04) Comparison of ULV Freshman and Senior Scores to Doctoral II Universities on
Common Competency (Life Long Learning): Technology Utilization items.

		Freshman		Seniors	
		ULV (n=84)	Doctoral Int	ULV (n=98)	Doctoral Int
		mean	mean	mean	mean
1L.	In your experience at your institution during the current school year, about how often have you done each of the following: *Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment?* (1=Never, 4=Very Often)	2.62	2.68	2.79	2.83
1m.	In your experience at your institution during the current school year, about how often have you done each of the following: *Used e-mail to communicate with an instructor?* (1=Never, 4=Very Often)	2.69*	2.99**	2.97	3.27***
10g.	To what extent does your institution emphasize each of the following: *Using computers in academic work?* (1=Very Little, 4=Very Much)	3.30	3.35	3.31	3.50*
11g.	To what extent has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas: *Using computing and information technology?* (1=Very Little, 4=Very Much)	2.94	2.93	3.02	3.22*

Asterisk Under ULV indicates significant difference between the two ULV samples, and under Doctoral Intensive indicates significant difference between the ULV sample and the Doctoral Intensive norms.
*p<.05
**p<.01
***p<.001