

About this Newsletter

The purpose of this newsletter is to provide information about initiatives and projects and to serve as a resource for the sharing of ideas, tips and tricks and everyday use of technology on campus.

If you have any suggestions, ideas or feedback about this newsletter, please email them to:
campustech@fhu.edu.

Table of Contents

1. National Cyber Security Awareness
2. Campus Initiatives
3. Campus Projects
4. Program Highlight: Nursing
5. Introducing: Contribute
6. Tips and Tricks: Google Calendar
7. Important Dates
8. Feedback

National Cyber Security Awareness Month

Since 2004 the National Cyber Security Alliance, a coalition of government agencies, private companies, and educational institutions, has used October as a month to educate the public on the value of protecting data.

As the flow of data has grown to include not just personal computers but also mobile phones, game consoles and cloud services such as Gmail and Dropbox, cyber security has become even more important.

This year the FHU IT Department will join NCSAM (*National Cyber Security Awareness Month*) by sending weekly "Cyber Security Tips" you can use to protect yourself online.

We'll also be launching a new Cyber Security Awareness site where you can find tools and resources for securing your data and keep up-to-date on current cyber security threats affecting the university.

FHU's cyber security awareness website can be found at:

<http://fhu.edu/nrsa>

For more information about NCSAM 2011 and other information security resources, tools, and tips, visit **www.staysafeonline.org**.



Campus Initiatives

The iLearn Program and the iLearn Commons

The iLearn Program promises to impact teaching and learning at FHU by providing support and resources for faculty and students. The iLearn Commons, planned for construction in the Loden-Daniel Library, is one example of how iLearn will make a positive impact on the university.

The iLearn Commons will be an area where students may come to collaborate, innovate, and reflect upon learning experiences in a setting conducive to engagement and reflection. The iLearn Commons will be furnished with tables, chairs, and lamps that promote the desired ambiance. Additionally, the area will contain LCD panels distributed throughout the commons to facilitate group collaboration by students. An iLearn Commons staff member will be available to assist students in the application of pedagogical technologies.

Dr. Monte Tatom, Director of the iLearn Program, states, "We are looking forward to the iLearn Commons opening to all students in Fall 2012. The iLearn Commons will be a place on campus for all students to receive assistance with any technological assignment that is given to them. We are also excited to have a centralized location for students to be able to work collaboratively on their assignments."



Hope Shull, Director of the Library believes,
"The iLearn Commons is a perfect match for the type of services offered by the Library."

She further states that

"We're excited about the possibility of providing state-of-the-art technology and collaborative resources in our library facility."

Dr. Tatom had an opportunity to visit Abilene Christian University's Learning Commons in February 2011. Dr. Tatom states, "The commons was humming with the activity of students. There were places for them to work collaboratively on assignments, receive technical assistance, enjoy coffee and other refreshments, as well as relaxing in an easy chair listening to their iPod, reading a book, or watching a movie on their iPad."

Planning for the renovation and implementation of the iLearn Commons will begin in Spring 2011 with a target completion date of Fall 2012.

Please contact Dr. Monte Tatom or the Center for Instructional Technology if you have questions or would like more information on the types of services and resources that will be offered through the iLearn Commons.

Campus Projects

Server Virtualization

The Data Center Virtualization project is moving forward as expected. We have been converting a few of our servers to virtual servers, giving us the information that we need to continue the process. By virtualizing our servers across multiple hardware platforms and centralizing our data storage, we should be able to significantly reduce the amount of downtime for our students and faculty. Virtualization allows us the ability to allocate resources much quicker, provide much needed redundancy and allow us the opportunities to perform maintenance and upgrades when needed, without taking services off-line. In addition, we will be able to maximize the use of the resources in the computer room, allowing us to provide a better level of service at a lower cost.

Most of our computer room maintenance will take place before or during the Thanksgiving break. With the added Internet redundancy, and failover switching going in place, we hope to see very few instances when network or server-based outages or failures are noticed by our end users.

New Wireless Connection?

Many of you may have noticed the new "FHU_Secure" WiFi network. We will be sending information about this in the coming weeks through email. We will be switching to this new, secure wireless network by November 18.

Program Highlight: Nursing by Chris White

"The trained nurse has become one of the great blessings of humanity."
~ William Osler

Dr. Osler, one of the founders of Johns Hopkins Hospital, was also an innovative educator. He was the first to train physicians at the bedside rather than just in the lecture hall. Nursing education requires this same innovative attitude, and this innovation comes in the form of technology usage. Illness is illness; however, the manner in which diagnoses are made and care rendered has changed and requires the nurse to have a greater understanding of technology and how to effectively manage it in the healthcare setting.

In the classroom, to enhance the learning experience, our nursing instructors incorporate the use of multimedia and lecture-capture software; thus, livening up the presentations, bringing challenging physiological concepts to life, and putting it all at the student's fingertips to aid in their study. Our exams are commonly administered via computer to ensure the

(continued)



**Mr. Chris White,
B.S., B.S.N, R.N., M.S.N.**

Director, Nursing Department

student is comfortable with the electronic testing format, as well as being comfortable with using a computer, a skill necessary for electronic documentation in the healthcare setting.

Additionally, within our campus lab environment, we utilize simulators ranging from the very low fidelity, such as a fake arm to practice IV insertion, to the high fidelity mannequin that is able to reproduce a variety of bodily functions and responses, including delivering a baby. The simulators allow the students to connect classroom theory with clinical reality in a safe environment. In the campus lab setting the “patient” may die, but we can always revive it with the push of the restart button. Real patients do not come with “restart” buttons; therefore, simulators are a critical element in the learning of high-risk skills for the nursing student.

In the hospital setting our nursing students are further trained on the use of electronic documentation, various point of care devices to take vital signs, monitor blood sugar values, capture heart rhythms, provide safe delivery of intravenous fluids, just to name a few. Technology and nursing care go hand in hand.

Competence and confidence with healthcare technology is essential for the practicing registered nurse. In the FHU nursing program we embrace technology and strive to provide experiences that will enhance their learning, as well as provide them with the confidence and competence to effectively utilize technology in the healthcare setting.

Introducing: Contribute

The ability to maintain real-time online conversation alongside live spoken presentation is an ever-growing trend. Backchannel applications can help guide presentations by taking advantage of digital infrastructures that include wireless connectivity and devices.

To build on the success of our iKnow Application Suite, we decided in the summer of 2010 to build a backchannel application for use in the classroom. Our expectation was to create a way to capture “everything else” going on in a presentation that wasn’t coming from the speaker. We also wanted to make it easy for participants to add to the conversation that goes on in the backchannel.

Contribute, launched August 23, 2011, takes collaboration beyond simple backchannel communication by providing moderators (or faculty)



a rich set of features to enhance the participants’ (students’) experience in a presentation (classroom).

You can read more about Contribute at:

<http://fhu.edu/s/Ep57F>

Contribute is an excellent example of the development that takes place at FHU. We strive to create technologies that allow for collaboration and expanding of the learning experience.

Tips and Tricks: An Introduction to Google Calendar

With Google Calendar, it is easy to keep track of meeting times and locations. You can access your Google Calendar by clicking the Calendar link within FHU Mail. Here are some of the things you can do with Google Calendar:

1. Share your schedule

Let your co-workers, family and friends see your calendar and view schedules that others have shared with you. When you know when everyone else is "Available" or "Busy" scheduling meetings/events is easy.

2. View your calendar on the go

With two-way syncing, your computer calendars and mobile calendars are always in sync.

3. Never forget another event/appointment

You can assign customized reminders to each event. You can be notified by an alarm, an email or a text to your mobile phone.

4. Send meeting invites and track RSVPs

Google Calendar keeps track of who has and has not yet accepted your meeting invitation.

For more info about using Google Calendar:

<http://fhu.edu/s/r4N7G>

You are encouraged to use Google Calendar. Not only does it keep you organized, it helps all FHU employees better communicate and schedule events with one another.

Important Dates

The following dates indicate upcoming maintenance/upgrade windows for our computer room, network services and web services.

It is expected that service disruptions/outages will occur during these dates:

October 3 - November 15

Teaching and Learning Center construction

November 19 - 26 (Thanksgiving holiday)

- Computer room maintenance
- Blackboard upgrade/migration

Please make your plans with these disruptions of service in mind. If you have any questions or concerns please contact the HelpDesk at x6111.

Feedback

The publication of this newsletter is a joint effort between the Information Technology Department and the Center for Instructional Technology.

Did you find the information contained in it useful? Are there things that you would like to see addressed in future newsletters?

Let us hear from you.

You can contact us by sending an email to:

campustech@fhu.edu

Michael Plyler, *Editor*
A.B. White, *Co-editor*

Other contributors this edition:
Chris White, Patrick Bolton, David Scott
and Greg Maples