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The Office of Information Technology presents

CAMP WAR EAGLE 2008 SPECIAL EDITION

A STUDENT'S GUIDE TO COMPUTING AT AUBURN UNIVERSITY

WELCOME TO AUBURN!

The Office of Information Technology (OIT) provides computing resources and support for all faculty, employees, and students at AU. We hope that you have a great experience here at Auburn, and we hope we can help!

Check out the **TECH5THRT** web page at **www.auburn.edu/oit/techstart** for answers to all your questions about computing at AU and links to even more information!

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Help Yourself - It's on the Web!

Most of the AU student services you will need during your time here in the Loveliest Village are available to you via the Web. Many are available 24×7 from anywhere in the whole world.



AU Access, (auaccess.auburn.edu) the campus portal, offers one-stop student services. The portal also offers "single signon", so once you are logged into the portal, you don't have to keep entering your User Name and password.

From AU Access you can reach...

- TigerMail Auburn's student e-mail
- tigeri student information system where you can register for classes, adjust and view your schedule, view grades, and more.
- Blackboard course materials online
- Football tickets and parking permit online ordering
- This Week @ AU general information and news feeds
- E-bill see your AU bill, make automatic payments, set up authorized users (Mom & Dad) and pay your fees online
- Groups online presence for chartered student organization and special interest groups
- News, Fun and Games



You'll find a link to AU Access and links to offices and departments that provide services for students on the "Current Students" page at www.auburn.edu/students, available from the "Students" link in the orange bar near the top of the AU home page. If you access password-protected student services from the Current Students page, you won't have single sign-on like you do from the portal. Instead, you'll have to log onto each individual application.

YOUR AU USER NAME AND PASSWORD

When you were admitted to AU, you were sent a confirmation letter that included your AU Student ID or Banner ID (a nine digit number), and your AU User Name (seven characters - letters and numbers). The letter instructed you to go to the web site at www.auburn.edu/activate to activate your User Name. This User Name and password pair lets you log into AU Access, TigerMail, the OIT Labs and network printing (and billing), and your OIT Network space (including your website). It's important to keep them safe. Don't share your User Name and password with anyone, and don't lose or forget them.

Remembering Your AU User Name

Your User Name will be printed on your student ID card. If you forget your User Name and lose your AU student ID card, you may be able to look yourself up in the People Finder on the AU home page. If that fails, contact the Registrar's Office. Do yourself a favor and memorize your User Name. It's an important part of your AU experience.

Your AU User Name stays active as long as you are an enrolled student. It expires and is deleted after three consecutive terms when you are not actively registered for classes at AU.

Choosing a Good Password

Because your password is so important to your life at AU, you need to make sure it's protected. The best

way to protect your password and your student records is to choose a strong password and change it every few months.

- Never use personal information like your login name, the name of a family member, license plate numbers, phone numbers, or Social Security numbers
- Never use a real word as your password. Most programs designed to break passwords start by going through all the words in standard English and foreign language dictionaries; then they might try books like the Bible.
- Come up with your own scheme for passwords so you'll always remember them even when you change them!

To reset your password, go to the web site at **www.auburn.edu/password**. Log in with your current password.

Resetting a Forgotten Password

If you've set such an incredibly great password that you can't even guess it yourself, all is not lost.

You can reset a forgotten password via the web at www.auburn.edu/activate. The site asks you to prove your identity by entering your AU User Name and providing three pieces of personal information. These are chosen from this list of items:

- 1. Your Banner ID in many cultures, this would be known as your student ID. It's a nine-digit number unique to you and is used by AU to identify you to the system. This number was mailed to you by the Registrar's Office back when you were accepted as a student, and it's printed on your student ID card.
- 2. Date of birth
- 3. Last 4 digits of your Social Security number
- 4. **The area code of your home phone** (where your parents live)
- 5. **Your home zip code** (your parents' address or your permanent mailing address)

Once you pass the identity test by providing the personal information, the system gives you an opportunity to reset your password, and then you are good to go.

(At the time *Survival Guide* was going to press, work was being done on a new web application that would allow you to enter answers to your own series of questions to confirm your identity. Once that password reset application is ready, it will be available from the web at **www.auburn.edu/password**.)

If you are on campus, you can also bring a picture ID to the OIT HelpDesk on the first floor of RBD Library, and the HelpDesk can reset your password for you.

AU ALERT - Emergency Notification

As part of Auburn University's ongoing effort to safeguard students, faculty and staff, the University has implemented an emergency communications system known as AU ALERT. This system allows students, faculty and staff to receive time-sensitive emergency messages in the form of e-mail, voice and text messages.

Everyone who has an Auburn University e-mail address will receive emergency alerts to their campus e-mail address. In order to also receive text and voice message alerts, members of the campus community are strongly encouranged to provide cell phone contact information via the web site at www.auburn.edu/aualert.

The information you supply is considered confidential and will not be shared or used for other purposes. You will only be contacted through the AU ALERT system in the event of an emergency.

Playing By the Rules

Rules and Policies You Should be Aware of as the Owner of an AU User Name

Please keep in mind that students are afforded the privilege of using AU's technology resources for the express purpose of supporting the University's mission of Instruction, Research, and Outreach. OIT administrators monitor access for appropriate use. Each User Name is assigned for the sole use of a single person. **Sharing User Names is prohibited.** The person for whom the User Name was created is responsible for the security of the User Name and all actions associated with its use. Your User Name may be revoked if it is found to have been used for activities that violate any portion of the OIT Network Policy.

The **OIT Network Policy** and other computing policies can be found on the AU Web at **www.auburn.edu/oit/policies**. Here we've listed a few of the highlights.

- · Don't share your password.
- Don't play games in the labs. It all goes back to that "appropriate use" thing.
- · Don't install software on the OIT Lab computers.
- Don't send unauthorized mass e-mail (spam) or participate in chain letters.

- Don't use your AU web space for monetary gain. (resumes are permitted).
- **Don't mess with other people's files** or knowingly let loose any destructive viruses, worms, etc.
- Use personal courtesy and exercise professional judgement in e-mail and chat/forum applications.

Students who seriously violate network security or otherwise misuse the computing facilities will have their accounts terminated, and may find themselves facing the AU Student Discipline Committee (see Section II-A-2-f of the University's Code of Student Discipline) and be held responsible under State and Federal laws.

Protect yourself and your User Name by remembering to log out of shared systems and the OIT Computing Labs. Close web browsing windows when you are finished with resources (such as AU Access) that require a login.

If you need to report a network policy violation, please call either the OIT HelpDesk at **844-4944** or **911** (depending on the severity and urgency of the violation and whether or not you are in personal danger).



Online Registration and Student Records

On Your Mark...

- tiger is in the campus portal, AU Access
- Know your AU User Name and your password

Get Set....

- Know When Registration Opens for You
 - Check Your Registration Status
 - Find Your Time Ticket
- Be Ready To Go When It's Your Turn
 - Remove Holds
 - Plan Your Schedule and Gather Course Numbers

Go...

- Register for classes with tiger;
- Know where to go for help

Figure 1: The tiger Tab in AU Access Once you are in AU Access, click on the tiger i Campus Life My Tab tiger tab to select it. You'll see several "channels" containing information about student services. The tiger channel for registration is near the top left. Click on the + or - symbols to expand Student Hain Henu and or shrink the menus. Parking Services (Hane Look up course sections (CRNs - course - Registration record numbers) to add to your schedule. Check Your Registration Status ▶ Add or Drop Classes > Look Up Classes Check for holds that may prevent you Week at a Glance . Student Detail Schedule from registering. Registration Fee Assessment > Withdrawal Information Active Registration Wiew Holds: * Student Records Financial Aid

How to log into AU Access

tiger is housed in AU Access, the campus portal. The web address for AU Access is auaccess.auburn.edu. You can also get to the AU Access login page from the portal icon on the Current Student's page at www.auburn.edu/students, or from the link at the top right of the AU Web at www.auburn.edu.

Log into AU Access with your AU User Name and password. Keep your password safe—it is your key to AU Access and your student record. AU Access offers you single sign-on—that means once you've entered your User Name and password to log into AU Access,

you'll be able to use other applications housed in the portal (like TigerMail e-mail) without having to log in again. It's a great feature, but it makes it all the more important not to share your password with other people and not to leave it lying about. (For more information about your AU User Name and password, see page 2.)

Once you are in AU Access, select the **tiger** tab (see Figure 1). The **tiger** menu channel contains the links you'll need to

- check your registration status
- view holds on registration
- · add and drop classes
- · look up classes to add
- view and print your schedule

When can I register for classes?

This very first time you will register for classes on the last day of your Camp War Eagle session. From this term on, you will have to know when registration becomes available for you. There are

registration becomes available for you. There are specific days and specific times at which each student may begin registration.

How can I tell when registration opens for me?

The individual time when registration opens for you is called your "Time Ticket." Every student has one based on classification and number of earned hours. Time Tickets will be assigned approximately one week before registration for the term begins. Once your Time Ticket begins, you may register up until the first class day—when registration is turned off for everyone. You can find your registration Time Ticket by checking your registration status in tiger.

tiger Tips

Available 24x7 - tiger; is available at all hours. The only exceptions might be early Sunday mornings, the time reserved for any necessary maintenance. For the most part, you can access tiger; all day and night.

Automatic Logout - Be advised that **tiger** will log you out if the system remains idle for 90 minutes. Work in progress is not saved.

Use the Navigation Links - Don't use your web browser's "Back" button to navigate in AU Access or **tiger**. Instead, use the tabs and internal links to navigate back and forth. You can also right click and select "Back" from the pop-up menu to return to the previous page.

If You Need Help figuring out how to use tiger;, please review the web site at www.auburn.edu/oit/account_info/tigeri. If you are not sure what classes to choose, or if you have trouble getting a class that you need, contact your academic advisor.

What is my Registration Status?

- 1. Log into AU Access.
- 2. Click on the **tiger** tab.
- 3. In the **tiger** menu channel, click on "Check Your Registration Status"
- 4. Select the desired term and click on Submit
- 5. If you have a hold, follow the steps to clear the hold (see the next section). You will not be able to register until the hold is removed.
- 6. Your Time Ticket and registration status are displayed, along with information on holds and your academic standing.

continued on page 4

How do I remove holds?

A "hold" on your student record can prevent you from registering for classes or getting a copy of your transcript (among other things). A hold means there is some kind of problem that requires your attention. To see if you have a hold, follow the instructions to view your Registration Status (see page 3).

Some departments require that their students meet with an academic advisor before registering each term. If you are in one of those departments, a hold is placed on your record until you meet with your advisor. A hold might also be placed for incomplete health center forms or financial aid documents, unpaid fees, or the like. The Registrar's Office, the Student Financial Services Office, and the Medical Clinic are the three offices that most commonly attach holds to student records. Only the department that placed the hold can remove it, so you must contact the department that placed the hold. If you are unsure which office to contact regarding a hold, please contact the Registrar's Office.

What is an alternate registration PIN?

If you are in one of those departments that require academic advising prior to registration, you have a registration hold. That means you must see your advisor before you can register. Your advisor will give you an "alternate registration PIN" or "hold PIN" once the visit is complete, effectively removing the hold. **tiger** will ask you for that alternate registration PIN when you register. If you have seen your advisor, and he or she has updated the hold record for you, the alternate registration PIN provided (usually 111111) will let you register. If things still don't work, get back in touch with your academic advisor.

Plan your schedule

You'll save yourself some time on registration day if you plan your schedule in advance. Be sure to include alternatives for the most popular classes, because your first choices might be full. Check the Schedule of Courses online and note the CRN (course record number) of each class you'd like to take (see Figures 2 and 3). If you have the CRN in advance, registration will be quick and easy—just click on "Add or Drop Classes" in the **tiger** registration menu, type in the CRNs, and click on Submit. If you need to search for classes as you are registering, follow these steps:

- 1. Log into AU Access and click on the **tiger** tab.
- 2. Select "Look Up Classes" from the Registration section of the **tiger**, menu channel (see Figure 1).
- 3. Select a term from the drop-down menu and click Submit once.
- 4. Narrow your search (see Figure 2).
- 5. If it's your time to register and there are open seats in a class that interests you, click the box to select

Figure 2: Class Schedule Search in tiger

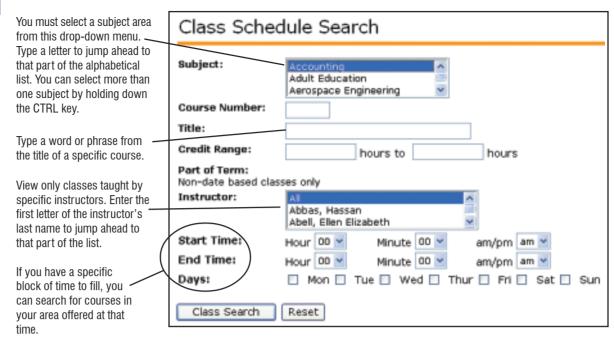
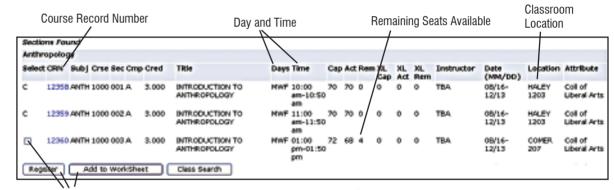


Figure 3: Class Sections Found



If there are open seats, click the checkbox at the left, and then click "Register" button for immediate registration, or click "Add to Worksheet" for the CRN to be automatically added to your "Add or Drop Classes" screen.

the class, and click Register for immediate registration (see Figure 3) or click Add to WorkSheet to compile a list of classes for you to compare. If it's not your time to register, and you are just browsing, make a note of the CRN to add later on the Add Classes menu.

Can't Add a Class You Need?

Sometimes, because of a time conflict, missing prerequisites, registration hold, or full enrollment, **tiger** won't let you add a class you need. If this happens, don't despair. If the class you need is full, keep checking back in **tiger**. Remember, you can add classes online up until the first class day. Students are constantly dropping and adding, so a seat might open up later. Some departments offer a waiting list too, so it doesn't hurt to ask. If you think you are experiencing "technical difficulties", contact the OIT HelpDesk.

How to Drop a Class

- 1. Log into AU Access and click on the **tiger** tab.
- 2. Select "Add or Drop Classes" from the Registration section of the **tiger** menu channel.
- 3. Use the action pull-down list to select the "Web Drop" option for the classes that you'd like to remove from your schedule. You can remove more than one at a time.
- 4. Be sure you want to drop the class before you click the "Submit Changes" button. Once you drop a class, you may not be able to add it back.

NOTE: If classes have already started, check the withdrawal dates published by the Registrar's Office. If you plan to drop all of your courses for a term, please see your Dean's Office to complete a resignation request form. You cannot completely resign using tiger; after classes have begun.

How to Replace One Class with Another

You can replace one class with another in a single step.

- 1. Log into AU Access and click on the **tiger** tab.
- 2. Click on Drop or Add Classes. You'll see the classes for which you are currently registered.
- 3. Select "Web Drop" from the drop-down menu beside the class you would like to drop.
- 4. Enter the CRN of the course you want to add in place of the old class in the "Add Classes Worksheet" area of the screen (scroll down).
- 5. Click the "Submit Changes" button.

How to View Your Schedule

The "Add or Drop Classes" menu lists the courses you've enrolled in for any given term. To see a traditional list of your classes, including times and locations, click on "Student Detail Schedule" from the **tiger** tab. The "Week at a Glance" option displays times in a time matrix format. Enter the date in mm/dd/yyyy format to display that specific week.



Review AU Bills and Make Payments

AU does not mail paper copies of tuition and fee bills to students or parents. Instead, you will receive a bill notice via e-mail (to your @auburn.edu address—see page 6).

The E-Bill account balance and payment gateway are available from the Student Financial Services channel on the **tiger**, tab in AU Access. **E-bill will not be available to you until you receive your first electronic notice via e-mail, sometime in July.**

If you are fortunate enough to have a friend or relative who makes bill payments for you, please take steps to make E-Bill statements available to that person. *After you receive your first bill*,

- 1. Open E-Bill and click "Authorized Users".
- 2. Click the "Add Authorized User" button.
- 3. Enter the e-mail address of the person who needs to see a copy of the bill, then click **Add User**.
- Review the additional user agreement, and click "I Agree" to confirm that you still want to grant access to your account.

Adding a user gives that person access to view your AU Bills balance due, to make payments, and to set up automatic payments. E-Bill sends an e-mail message containing login instructions and an initial password to the authorized user.

If you have questions about your AU Bill, please contact the **Student Financial Services Office** in Mary Martin Hall or at **(334) 844-4634**. If you have questions about Tiger Card charges, e-mail **tigercard@auburn.edu** or call **(334) 844-4507**. If you have questions OIT Charges on your bill (includes lab printing - see page 11), contact the **OIT HelpDesk** at **(334) 844-4944** within 60 days of the date of the charge.



AU Access: Online Portal for Student Services

AU Access, the campus portal, offers one-stop shopping for student services. The single sign-on feature allows you to connect to almost all student resources that require a login. You can get to AU Access from the "AU Access" link at the top of AU home page at **www.auburn.edu** or by entering **auaccess.auburn.edu** in the web browser address bar. For an overview of AU Access, click on the "Take A Tour of AU Access" link on login page.

Navigate through AU Access by clicking on the Tabs (see Figure 1). The tabs you can see are dependent on your role at AU. Each tab displays a collection of boxes called channels. Some channels are maintained by AU and some are imported from external sources. A channel might be a collection of links to Financial Aid information or a news feed from CNN.

Customizing Your View

Some tabs can be customized to display the information that you find most useful or interesting. You can also create brand new tabs to meet specific needs.

Notice that each channel has a title and a toolbar. The toolbar on each channel contains three buttons: full screen, minimize-maximize, and remove (see Figure 1). Some channels, like the Campus News channel, cannot be removed. If you accidently delete a channel and decide that you want it back, or if you want to look for new channels, follow these steps:

- 1. Click on the "Content/Layout" link near the top left corner of the AU Access screen.
- 2. Select the tab to which you want to add a channel.
- 3. Click the "Add New Channel" button in the column and location where you want to add the channel.
- 4. Select a channel category, or highlight "Select All" and click "Go" to see all the available channels.
- 5. Select a channel from the list that appears.
- 6. Click the "Add Channel" button.
- Click the "Back to Home Tab" link to exit the Manage Content/Layout page and return to you AU Access home page. Click on the tab to see your changes.

Other AU Access Resources

At the top right of the AU Access screen, you'll see these icons that take you to other resources available through AU Access:



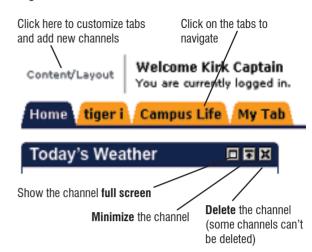
TigerMail

TigerMail is AU's student e-mail system. For more information about TigerMail, see page 6.



The AU Access Groups feature provides an easy way for student organizations and class workgroups to

Figure 1: AU Access Tabs and Channels



communicate. Groups can be Public (open to anyone in AU Access) or Restricted (open to subscribers only).

AU Access groups have homepages or group space as well channels, chat, threaded discussions, photo archives, news, targeted announcements and more.



Calendar

You can create and share calendars with friends and group members. The Calendar Sets feature allows you group several calendars, such as the calendars for each of your classes. You can also print a hard copy of the day, week, month, or year view.

NOTE: the AU Access calendar and the TigerMail calendar are not the same.



Log Out

Remember to Log Out of AU Access when you are finished. AU Access will log you out after 90 minutes of inactivity.



Click on the AU Access help icon for more information about specific features in AU Access. For more information on customizing AU Access and on AU Access features, go to the OIT web at

www.auburn.edu/oit, click on the "Account Info" tab, and then choose "AU Access", or send e-mail to auaccess@auburn.edu.

Recommended browsers for use with AU Access

Microsoft Internet Explorer 6.x (or higher) Mozilla Firefox 2.0 Safari 1.2 (Sun plug-in 1.4.2)

TIGERMAIL: AU'S E-MAIL SYSTEM

Your official e-mail address at Auburn is **username@auburn.edu**

where *username* is your **AU User Name** (see page 2). This e-mail address is the address that your instructors, your academic department, and the University administration will use to send you important announcements. You are responsible for checking this e-mail regularly.

TIGERMAIL IN AU ACCESS

AU Access, the campus web portal, provides a connection to TigerMail. Once you log into AU Access, look for the TigerMail icon near the top right of the portal screen. A double-click on the TigerMail icon opens your inbox in a new browser window. You can check AU Access and TigerMail from anywhere in the world. All you need is a computer connected to the Internet and a web browser.

AU Access doesn't require you to install any special software, so it's just the thing if you are traveling and checking your e-mail from a friend's

SPAM FILTERING

Spam is unsolicited bulk e-mail. AU's IronMail system scans for potential spam based on a formula (your mail is not read by an administrator) and marks potential junk with a "SPAM" tag in the subject line. TigerMail provides a rules feature to automatically delete marked spam or route it to a junk mail folder (click on the Options link at the top right, and then choose the Rules tab). The GroupWise client for TigerMail provides junk mail handling and rules features. Rules you set in the GroupWise client work in the TigerMail web view. For more information on using rules, see the OIT site at www.auburn.edu/oit/account_info/tigermail and look for "Dealing with Spam" under General Troubleshooting.

DON'T BE AN E-MAIL SCAM VICTIM

Unscrupulous people frequently send bogus "phishing" or "fishing" e-mails designed to get you to divulge your personal information and account passwords. These messages are designed to look official, and it's often very difficult to tell by looks alone if a message is a fake. In general, don't click on links in e-mail messages. Be aware that Auburn University, banks, credit unions, and credit card companies will NOT ask you to provide account numbers and "verify your account information" via a link from an e-mail message. If you are in doubt, contact your banking institution by a more traditional method, such as the phone. Visit the OIT web site at www.auburn.edu/oit/security_center/spam/ and the U.S. government site at onguardonline.gov/phishing.html for more information on how to avoid being a victim.

house or an Internet cafe. If you have a particularly slow connection, you may prefer to use the faster, text-only URL **tm.auburn.edu/pda**.

TIGERMAIL VIA YOUR CELL PHONE

You can also check your TigerMail via your Internetenabled PDA or cell phone. For more information, see the site at www.auburn.edu/oit/account_info/ tigermail and look in the Common Topics section for "TigerMail for handheld devices and cell phones".

GROUPWISE CLIENT FOR TIGERMAIL

TigerMail is powered by Novell GroupWise. If you are in one of the OIT Computing Labs, in a residence hall, or have a high-speed Internet connection (DSL or cable modem), you may prefer to use the GroupWise client to read TigerMail. AU students can download and install this software from the www.auburn.edu/software site. Most notably, the

Features

- A 100 MB Inbox
- Large size limit for attachments - up to 10 MB
- Full-featured address book
- Spell Checking
- Robust virus checking and spam control with rules and a new "Junk" folder

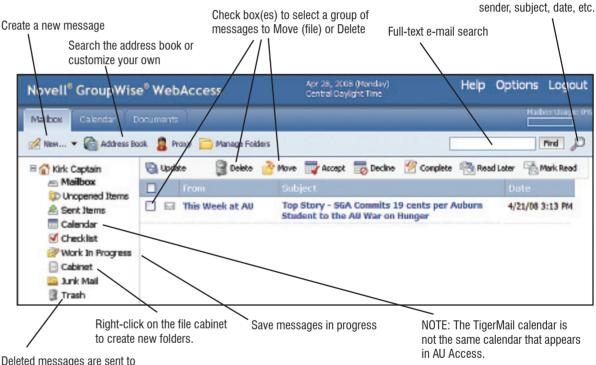


Refine a search by

- Calendar feature as well as a Checklist "To-do" folder
- Secure, encrypted connections
- Powerful find feature, delivery notification, mobile device support, and much more!

GroupWise client allows you to set up "rules" to filter out spam. For more information, please see the web at www.auburn.edu/oit/account info/groupwise.

Figure 1. Sample View of TigerMail via AU Access and the Web



the Trash folder

Fighting Infection - Virus Scanning and TigerMail

Incoming TigerMail is scanned for viruses. If the system finds an infected attachment, it deletes the attachment and sends you the message without the attachment—and a short explanation as to why the attachment was deleted. Even so, you still need to have anti-virus software on your computer. AU Students are provided anti-virus software at no charge. See page 8 for more information on how to get a free copy.

TigerMail is scanned for viruses, but nothing is foolproof. Don't open attachments to messages that you were not expecting. In addition, make sure your operating system has the most recent security patches and your virus protection software is updated regularly with the latest virus definition files. See *Protecting Your Computer* on page 7 for more information.



Blackboard

Course Materials Online

Many instructors use the course management tools provided by Blackboard to make information available online to the students in their classes. Depending on the Blackboard features your instructor employs, you'll be able to access course material at your convenience, participate in course discussion boards and chat rooms, take quizzes online, see posted grades online throughout the term, and submit assignments electronically.

Your courses in Blackboard are password-protected. These course tools are integrated into AU Access, providing single-signon access to your schedule and class materials. There is a "My Courses" channel on the **tiger**, tab in AU Access, and also links to Blackboard from the Current Students page of the AU Web (www.auburn.edu/students) the AU Access toolbar (see page 5).

Preview Blackboard

If you took the Math Placement Test, you may have already seen a little bit of Blackboard. To preview Blackboard, go to **blackboard.auburn.edu**, and click on "Open Blackboard at Auburn University". Once classes begin, you'll be using the interface to Blackboard provided through AU Access.

Adjust Your Browser Settings

Before you go further, it's a good idea to click on the "Browser Checker" link at the top right of the Blackboard login screen. This tool ensures that your browser is configured so that you can use Blackboard without encountering a problem. Scroll through the browser check results to see if there are warning messages or recommended changes. There are links to explanations and help at the bottom of the browser check document.

Log In With Your User Name

Log into Blackboard with your User Name and password (see page 2). If you connect to Blackboard from AU Access, you won't need to login again. The Blackboard interface is customized for your User Name. Courses to which you have access appear here under "Courses List". Just click on the course name from this list to enter the course.

Not every class has a Blackboard course. If your instructor links a Blackboard course to your class, it will automatically appear on the Blackboard tab in AU Access. You cannot add or remove a class yourself. If you don't see a class you were expecting to see in the list, please contact your class instructor or the HelpDesk for assistance at (334) 844-4944.

WHAT TO BUY?

The most common technology questions are whether an AU student is better off with (1) a laptop computer or a desktop computer, and (2) a Macintosh or a Windows computer. Because the central campus is wireless, and all the residence halls will have wireless access this fall, our recommendation is a Wi-Fi enabled laptop. Otherwise, t's largely a matter of personal preference, study habits, and experience. If your student will be living on-campus and already has a desktop machine, be sure that it's Wi-Fi compatible. A Wi-Fi USB adapter can be purchased from places like BestBuy or Wal-Mart for under \$50.

Before you make the Mac or Windows decision and purchase, it's a good idea to check with your academic department to see if there are system recommendations for your major. Some areas have specific hardware and software requirements.

Printers

The OIT Computing Labs provide laser printing at 6° per page (see page 11). It's way more convenient to have your own printer, but since laser printing is available in the labs, you may want to consider using a lower-end printer in your apartment.

USB Storage Devices

We recommend that you purchase a USB flash drive. Students have 100 MB network storage on the lab computers, but that should be used for temporary storage when using the labs, or for building a personal web page. Never store data on the hard drive of the lab computer. The flash drive makes it easy to transport documents to the labs for printing, too. Be aware that 1.44 MB floppy disks and Zip drives are on the way out and won't be available in the labs much longer.

Anti-Theft

Always take precautions to secure your valuables on and off-campus: lock doors and don't leave your books, backpacks or laptops unattended. If you plan to purchase a new computer, you might consider including an anti-theft option such as Lojack or Computrace by Absolute. Most laptop manufacturers offer an anti-theft option with multi-year subscriptions.

Software

If you are purchasing a Windows machine, then Windows XP Professional, Windows Vista Business, or Windows Vista Ultimate is recommended for use on the AU Campus network. Microsoft Office software is preferred over Microsoft Works.

Hardware Discounts

If you plan to purchase a new machine, you may want to check out the student hardware discounts from many popular computer manufacturers. Please see the OIT web at www.auburn.edu/oit/hardware_software/ for the most current information.

Protecting Your Computer

Automate Windows Security Patches and Install Anti-Virus Software before you come to campus

Easier access to fast Internet connections and more reliance on a networked computer environment have enabled us to collaborate easily with people around the world, access data from remote locations and share documents with others. However, the Internet also makes it much easier for malicious individuals around the world to gain access to your sensitive data, transmit destructive viruses, and misuse and damage desktop and server computers from remote locations. Preventing these "cyber attacks" is an ongoing process, involving network administrators, application support people, and everyone who has access to a computer.

Anti-Virus Software

AU provides anti-virus software for all enrolled students. Current anti-virus software is required on the campus wireless network. You can download and install the anti-virus software provided by the University online at www.auburn.edu/software

Windows Updates

In addition to anti-virus software, it is very important to keep your Windows operating system current with the latest patches. The OIT TECHSTART web site at www.auburn.edu/oit/techstart

provides information on how to set up your computer to download and install Windows patches and fixes automatically, and provides a security checklist to help you determine if your computer is reasonably secure.

Quarantine Network

If your machine has a virus and you try to connect to the AU Wireless Network, your computer will be connected to the AU Quarantine Network. You could also be placed in quarantine if you are committing copyright violations or if your computer's security has been compromised.

While you are in quarantine, you will not be able to view the internal or external Internet, check your e-mail, or transfer information from your computer to the network. The Quarantine Network screen displays your IP address and MAC (machine) address on the screen. Jot that information down and contact the OIT HelpDesk for information on how to solve the problem and move your system back on to the Auburn University Network.



Free Stuff & Discounts

The Hardware & Software tab on the OIT site at www.auburn.edu/oit provides links to information about free and discounted software and hardware. Most software discounts for students are handled through the University Bookstore. Be prepared to show your student ID.

AU Install

www.auburn.edu/software

AU Install is a web-based resource by which you can download, install, upgrade, and configure a variety of software products on your PC. Many of these products, like virus scanning software, are available to you at no charge.

If you are connecting to AU Install from off-campus, you will be required to log in with your AU User Name (auburn\username) and password (see page 2).

At the time this publication went to press, the software available at no charge included the products below.

- Cisco VPN Client (encrypted connection for some network services)
- Cisco Clean Access Agent (required for connection to the AU Wireless network, this verifies that the computer's security is adequate)
- GroupWise (TigerMail Client recommended for use with fast connections)
- MySQL Control Center (interface for mySQL database - used in web building)
- Virus Protection (McAfee)
- WinSCP (secure FTP)
- · SecureCRT (log into the OIT Network)

For more information about AU Install, go to **www.auburn.edu/software** or contact the OIT HelpDesk.

Microsoft Office Software Available at a Significant Savings

AU participates in the Microsoft Campus Agreement. This means that AU students can purchase many Microsoft products from the AU Bookstore at a significant discount. The Bookstore offers academic pricing on other software as well.

WIRELESS AT AU

Wireless connectivity is available in most public areas and academic buildings on campus. For a list of specific wireless locations please go to the OIT website at **www.auburn.edu/oit/connectivity** and click on the "wireless" link under Data Connections.

Wireless Network Login

To log into the wireless network, take your wireless enabled computer to one of the wireless locations and open a web browser. If you are within range of one of the wireless access points, you'll see the AU Wireless login screen in the web browser window. Log in using your AU User Name and password (see page 2).

Clean Access Agent

If you plan to connect to the AU wireless network with a Windows machine, you'll be required to download and run the Clean Access Agent. This software checks your machine to make sure it is up to date on Windows security patches and has current anti-virus software. The Clean Access Agent protects the network so we can all have a better computing experience.

Services Requiring the Cisco VPN

Once you are connected to the wireless network, you can browse the web, check your AU e-mail, and use applications such as SecureCRT and WinSCP to

connect to AU host computers. If you have a Windows machine and you plan to connect to a service using an unsecured protocol, you'll need to install the VPN client. The Cisco VPN client is available via the web at www.auburn.edu/software.

Services that require the VPN client include:

- WS FTP (unencrypted file transfer)
- Connection to Student H: drives (OIT Network)
- · AU Library databases
- Checking e-mail accounts via POP/IMAP

Handheld Devices

Handheld devices running Microsoft Windows CE, Microsoft Windows PocketPC and Palm OS should be able to connect to the AU Wireless network while the devices are within the wireless zones around campus.

Before accessing the network, you will be required to log in using your AU User Name and computing password. After logging in, you can access the Web, e-mail and other Internet-based services. To begin this process, open the web browser on your device. If you are in range of the AU Wireless network, you will see the AU Wireless login page. Log in with your AU User Name and password (see page 2).

If you need help configuring your handheld device, contact the OIT HelpDesk at 844-4944.

Connecting From Off-Campus

NOTE: If you live in a residence hall on campus and have a computer there, you have a high-speed wireless connection that won't tie up your phone line. For more information, see page 9.

For off-campus connectivity to the Internet, there are three options for local residents:

- cable modem
- **DSL** (Digital Subscriber Line)
- · dialup modem

AU does not provide a network connection to students living off-campus. Some apartment complexes do provide Internet services to residents, so make sure that you check before you sign up for connection services from a commercial provider.

If you are living off-campus, you may need to install the VPN client (Virtual Private Network) on your computer to connect to certain AU resources, such as some of the AU Libraries databases. The VPN client will also protect your transmissions from sniffers on rogue wireless networks. You can download a copy of the VPN client at no charge from the site at www.auburn.edu/software.

No Free Lunch

If you live off-campus and plan to connect via a wireless connection, be aware that there might be rogue networks in the neighborhood. If it appears that you are able to connect to the Internet on a wireless network for free, you may have found your neighbor's unsecured wireless network, or possibly a network set up by someone who is trying to capture sensitive information such as passwords and credit card numbers. The city of Auburn does not currently provide a city-wide wireless zone.

Ask the apartment complex management if a wireless connection is provided as a service, and be sure that you are connecting to the right network. If there is such a service available, and no login is required, it is safer to run the Cisco VPN client to encrypt your transmissions.

AU_WIFI: Broadband Internet Connectivity in the Residence Halls

Starting this fall, AU students living in the residence halls have a WPA2 encrypted Wi-Fi connection available 24 hours a day. This connection is faster than most cable modems or DSL connections and is included as part of on-campus housing.

What equipment do I need?

You will need a Wi-Fi enabled computer. We recommend a laptop to take full advantage of the freedom Wi-Fi offers, but if you have a desktop machine already that is not Wi-Fi compatible, a Wi-Fi USB adapter can be purchased from places like BestBuy or Wal-Mart for under \$50.

How do I sign up?

The Wi-Fi connection is provided by the residence hall, so you do not have to sign up for the service. You will have to log into the network with your AU User Name and password (see page 2), and you will have to install the Clean Access Agent.

The method you use to connect will depend on the operating system you are running. The page at **www.auburn.edu/techstart** gives details on how to set up the connection, or you can take your computer to the Student PC Shop (see the box at the right) and they will set up the connection for you for a nominal fee.

Once you are connected to the network, you will be prompted for your AU User Name (see page 5) and password, and you will be prompted to download and install the Clean Access Agent. The client agent checks your machine for security vulnerabilities and reports them to you. If your machine is found to be vulnerable it will direct you to the appropriate resource. It will not allow you on the network until your machine is running appropriate Anti-Virus software and the latest Windows updates.

Once your machine is up to date, you will be able to anthenticate and browse the web and access network resources.

System Requirements for AU_WiFi

Your computer must meet or exceed these requirements:

Windows Macintosh

WindowsXP SP2(or later) OS10 w/ Open Transport 256 MB of RAM 128 MB of RAM 1 GB of free hard disk space

We regret that the resources to support all systems on all machines aren't available. If your machine does not meet these requirements, please consider upgrading.

Peer-to-Peer File Sharing

Due to the security vulnerabilities that applications such as LimeWire, Morpheus, Kazaa, and iMesh cause, as well as bandwidth availability and legality issues, peer-to-peer file sharing for students over AU_WiFi has been disabled. Other legal methods to download music on the Internet are accessible through the wireless network.

Even if you are not on campus and subscribe to Internet services such as BellSouth DSL or Charter Internet, it is important to understand that many of the most destructive worms threatening computers gain illegal access through security holes that popular file sharing applications open in your system. This not only places your information at risk, it makes secure information such as Social Security numbers and credit information easily accessible.

AU has received a large number of complaints from the owners of copyrighted works that were being pirated by users in the AU campus network community. The reproduction and distribution of copyrighted intellectual property, including software, audio, video and still images is a criminal offense. The University as well as the students committing the violations could be held liable for damages.

The duplication of copyrighted material is explicitly prohibited in the Appropriate Use Policy (www.auburn.edu/it_policies) and all AU students are expected to comply with this policy.

Quarantine Network

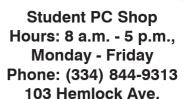
If your machine has a virus and you try to connect to the campus Wi-Fi, your computer will be placed in the AU Quarantine Network. You could also be placed in quarantine if you are committing copyright violations or if your computer's security has been compromised.

While you are in the Quarantine network, you will not be able to view the internal or external Internet, check your e-mail, or transfer information from your computer to the network. The Quarantine Network screen displays your IP address and MAC (machine) address on the screen. Jot that information down and contact the OIT HelpDesk for information on how to solve the problem and move your system back on to the Auburn University Network.

Software from AU Install

As a member of the AU campus community, you can download GroupWise client software (TigerMail e-mail) and other software licensed for use by AU students, faculty, and staff. Go to URL

www.auburn.edu/software to see what's available.



(see the campus map on page 12)

The Student PC Shop is a service provided by the Office of Information Technology for students whether they live on or off campus. The mission of the Student PC Shop is to help students with computer technical problems, virus removal, software installations, and general computer repairs often needed due to hardware, software, or virus created failures. Fees for this service, plus cost of parts, are charged to your AU E-bill.

For the latest information about the Student PC Shop, check out the web page at www.auburn.edu/spcs

Cable TV Service for On-Campus Residents

Full cable television is included as a part of the housing fee. More information, including a list of channels, is available from the OIT Connectivity page at www.auburn.edu/oit/connectivity. Click on "Cable TV" in the Telecommunications section.

Gaming

AU_GameNet is Auburn University's broadband wireless network for gaming consoles, such as Tivo, Sony Playstation 3, XBOX 360, and Nintendo Wii. AU_GameNet has 802.11N access points and can produce shared speeds up to 140 MB/sec. For more information about how to set up your console, please see the site at www.auburn.edu/spcs. (But, your mother wants you to study instead.)

LOG INTO A LAB MACHINE

You must have an AU User Name and password (see page 2) in order to use the OIT Computing Labs. Lab login not only reserves the labs for AU students, but it also provides access to 100 megabytes of space on the network for file storage and web page development, and allows you to print to the networked laser printers.

There is a 6¢ charge per page for laser printing in the OIT Labs. **Printing charges are billed to the User Name that sent the print job from the lab machine.** This is one good reason why you should get used to logging out as well as logging in. We talk about some other good reasons to log out in the box below.

Lab Login Troubleshooting

If you are having trouble logging into an OIT Lab machine, try the tips listed below. If you've tried these suggestions and still can't log in, call the OIT HelpDesk from the phone in the lab at 4-4944 (no off-campus calls allowed from the lab phones).

- Make sure you are in an OIT Computing Lab. Computing labs run by other AU departments may require a login other than your AU User Name. You'll have to contact that department for login information. OIT Computing Labs are listed on the back of *Survival Guide*.
- Keep in mind that passwords are Case Sensitive. Check to make sure the "Caps Lock" feature on the keyboard is not turned on. If it is on, just press the Caps Lock key to turn it off.
- See that the domain name reads "Auburn". The machines on OIT Labs require the domain name (last box in login window, see example at the right) to be set to "AUBURN".
- If you don't see the login dialog box on the lab machine screen, it may be that the last person to use the machine forgot to log out. Please be nice and log out for them. See *Remember to Log Out*.
- If you can't remember your password, come to the HelpDesk on the 1st floor of RBD Library to request a password reset. Bring a picture ID.

A Word About Viruses

If you are working in one of the OIT Computing Labs, the virus scanning software should scan for viruses on a USB drive when you insert it in the machine and access the drive. If the program detects a virus, you can use the anti-virus software in the lab to remove it, or bring the USB to the HelpDesk for assistance.

Sometimes, it is impossible to recover information from writeable media destroyed by a virus. Get in the habit of keeping a backup of any files that are important to you.

If you would like a copy of the virus scanning software for your PC, you can get it from the AU Install site at **www.auburn.edu/software** (see page 8).

1. Enter your AU User Name (see page 5). 2. Enter your password (see page 5) 3. Make sure the "AUBURN" domain

is selected.

4. Click OK.

Remember to Log Out

When you have finished with the lab machine, it's *very important* that you remember to log out. So, what's the worst that could happen if you don't?

- Someone could print War and Peace and you'd be stuck with the bill.
- Someone could erase all the files in your network directory space.
- Someone could do something really rude using your User Name and get you kicked off the network. (See *Playing by the Rules*, page 2.)

Logging out from the OIT Lab machine is simple:

- Close the programs you have opened (log out of your Web browser, or close MSWord)
- 2. From the Start menu, select Shut Down or Log Off.
- 3. Select "Restart" from the Shut Down drop list.





NOTE: Be sure the machine has cleared your User Name from the system before you leave the lab. If you

CONTACTING THE OIT HELPDESK



Overwhelmed? Confused? Just plain curious? The **OIT HelpDesk** is here to help. The HelpDesk is staffed by student consultants who are trained on a wide variety of Windows applications and campus computing services. These consultants act as the front line for all basic computing questions.

The HelpDesk serves AU's faculty, staff, and students and receives about 400 questions each day by telephone, e-mail, and from walk-in clients. If our front line consultant receives a question that is very involved or that is outside his experience, the call is transferred to a full-time specialist with expertise in that particular area. This routing process allows us to do our best to answer all computing questions from the simple to the very complex.

Because the HelpDesk is so busy, you may have to wait in the queue when you call. To minimize your hold time, please consider these tips:

Check out our Web page.

The **TECHSTART** page at **www.auburn.edu/techstart** provides answers to the most frequently asked student computing questions including TigerMail, AU Access, WebCT, password resets, and virus protection. Go to the URL above, or from the **AU Home** page, click **Information Technology** and then click the

Hours of operation:

are in doubt, restart the machine.

Monday -Thursday 7:30 a.m. til 10:00 p.m. Friday 7:30 a.m. til 5:00 p.m. Sunday 5:00 p.m. til 10:00 p.m. Closed Saturday

Semester Break Hours:

Monday - Friday 7:30 a.m. til 5:00 p.m. Closed Saturday and Sunday

Location: 1st Floor RBD Library

Telephone: (334) 844-4944

E-mail: helpdesk@auburn.edu

OIT Web Page: www.auburn.edu/oit

orange and blue **TECHSTART** link that appears on the right of the OIT home page. Very likely you will find the answer to your question without the need for a call.

Send us e-mail.

Incoming e-mail is monitored and answered during our business hours. You may find it easier and less stressful to send a message to **helpdesk@auburn.edu**. Messages sent after hours are answered the next business day.

THE "LOGGED IN" CROWD

OIT Computing Lab Software

The OIT Lab computers are Windows multimedia machines. Lab machines have sound cards but no speakers. If you need to listen to a sound file on a lab PC, please bring your own set of earphones to plug into the jack provided on the lab PC.

At the time this publication went to press, the following software was available in the OIT Labs. Please refer to the web at www.auburn.edu/oit/connectivity (and click on Computing Labs) for the most current information about lab setup.

Lab Computer Desktop

These icons on the Lab computer desktop provide shortcuts to various popular services and applications.



Internet Explorer - web browser (Home set to www.auburn.edu)



AU Access Web Portal



Blackboard Course Management



GroupWise Desktop Client for TigerMail



GroupWise/TigerMail Messenger



OIT Support/HelpDesk - www.auburn.edu/oit



Your Home Directory - OIT Network Space (Drive H)

Software Available*

File Transfer and Telnet

SecureCRT (host login) WinSCP (file transfer)

Web Browsing

Internet Explorer

Players and Plugins

Acrobat Reader Flash Quick Time Real Media Player Windows Media Player Windows Movie Player

McAfee VirusScan

McAfee Virus Scan

Maple

Mathematics software

MS Office

Microsoft Access Microsoft Excel Microsoft Expression Microsoft Power Point Microsoft Word

Research Applications

MDL Crossfire Comm. Scifinder Scholar

Statistical Applications

MiniTab SAS SPSS (Haley lab only)

* This list of software is current as of the print date of this publication, but may not be a complete list.

Save Files to the Network or Removable Media

You have 100 MB of disk space on the OIT network associated with your User Name. When you log into an OIT Computing Lab machine, you log into this network. You can use your OIT network space to write and store programs, build your personal web page, or store documents. The "Your Home Directory" icon on the desktop of the lab machine takes you to your OIT Network space, also known as "drive H:".

When you log into the lab computer and click on the "My Computer" icon (in the WinXP machines, choose My Computer from the Start menu), you'll see the following drives:

C: the hard drive of the computer

D: the Zip drive (removable disk - if available)

E: the CD ROM drive

F: USB portable storage (provided by user)

H: your home directory on the OIT network

P: your web directory on the OIT network (*Your* web directory is a subdirectory of your home directory called "public html".)

Make it a habit to save your work on the H: drive of the lab computer or to removable storage, such as a USB device. The lab machines are reformatted regularly, and anything you save on the hard drive (drive C:) of the computer will be erased.

Saving files to drive H: is simple. If you are working in an application such as Microsoft Word, save the document by selecting **Save** from the **File** menu. In the **Save dialog box**, enter the file name as **H:**\ *filename* (where *filename* is whatever you've decided to name the file).

In the grand scheme of things, 100 MB isn't a lot of storage. Your OIT network space is designed to hold your public web material and to give you quick temporary storage from the labs. Plan to purchase and use a USB storage device if you need to store lots of material from the lab machines.

If you exceed the 100 MB quota in your home directory, you will not be able to save any more files until you remove some material from your network

No Software Downloads on OIT Lab Machines

OIT Lab policy does not allow users to install additional software on the OIT lab machines. This includes web browser plugins, messaging systems, and so forth.

If your instructor has asked you to view a website that requires a specific web browsing plugin not already available in the labs, please contact the OIT HelpDesk.

space. You can use the My Computer window to delete old files or move them to your portable storage device. Don't be confused when the My Computer window shows several gigabytes of storage still free... that's the storage shared by all the users on that disk volume: your part is only 100 MB.

Network Laser Printing

While you are logged in, you can print to the network laser printers. This is as simple as selecting **Print** from the **File** menu in whatever application you are using.

The network laser printer prints a divider page at the beginning of each print job. The divider page includes the User Name of the person sending the print job and the date and time the job was sent. Please be considerate of other people's printouts—keep the pages together, etc.

There is a 6^e charge per page for laser printing in the labs. This charge is applied to the AU bill of the User Name that sent the print job—so be sure to log out when you leave the lab computer (see page 10). You can see a list of these charges in AU Access (see page 5) from the Student Financial Services (E-Bill) channel on the tiger; tab or by going directly to the print charge page at www.auburn.edu/oit/labprint.

PRINT PREVIEW: Printing Selected Pages From the Web

If you need to print part of a large Web document but don't want to print the whole thing (remember, there is a charge for lab printing), pull down the **File** menu in the web browser and select **Print Preview**. Print Preview displays the pages on screen as they will be printed on paper. Move from page to page by clicking arrow buttons at the top of the page.

When you've made a note of which page numbers you need, click the **Print** button in the viewer and enter those numbers in the "page range" field of the dialog box. The Print Preview feature may save you some money.



Portable Storage in the OIT Computing Labs

OIT recommends that you invest in a USB portable storage device such as a Flash Drive or a ThumbDrive. These devices are relatively inexpensive for the amount of data they store and very easy to use. USB ports are available on the OIT Lab machines to connect the storage device.

Where to Go for Help

- A OIT HelpDesk 1st Floor RBD Library
- B OIT Lab Lost & Found 0316A Haley Center
- C Student PC Shop (see page 9) 103 Hemlock Ave.

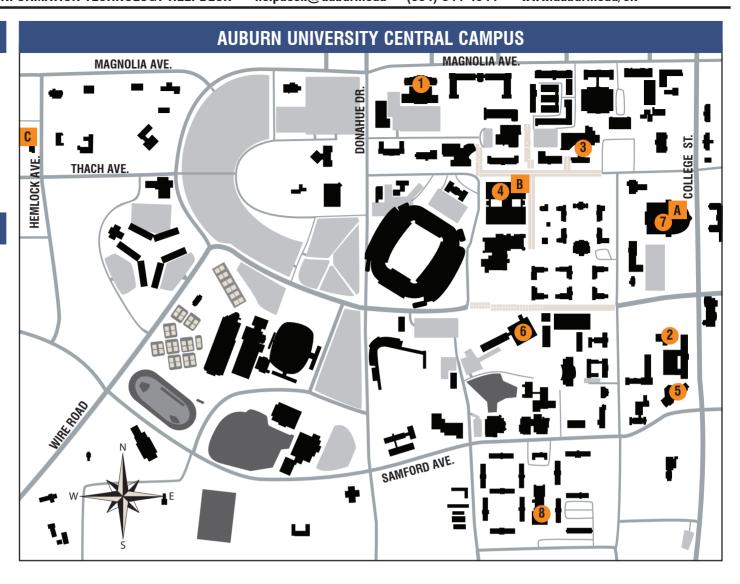
OIT Computing Labs

- 1 011 Business 20 machines
- 206 Comer 20 machines
- 3 145 Foy 40 machines
- 4 3350/3362 Haley* 38 machines
- 5 105 Life Sciences 19 machines
- 6 252 Parker*- 18 machines 254 Parker - 24 machines 256 Parker - 17 machines
- 7 RBD Library**
 145 machines
- 8 Terrell Hall 8 machines (not available during CWE)
- * The networked printer for 3350/3362 Haley is located in 3350 Haley. The printers for 252 and 254 Parker are located in 256 Parker.
- ** There are machines in room 3101A and near the central elevator on each floor. A networked printer is provided on each floor. The Library Internet Cafe machines and the 2nd Floor Reference desk are owned by the Library and managed by OIT.

OIT Lab computers have sound cards, but no external speakers. Students should provide their own ear phones. All labs have networked laser printers available.

Lab Rules & Regulations

- No eating or drinking or use of tobacco or controlled substances
- No game playing
- No children allowed in the labs
- · Do not install software on the lab computers
- Please work quietly so as not to disturb other lab patrons



OIT Computing Lab Setup

The OIT Computing Labs are available to all students on a first come, first served basis. All OIT Computing Labs run Windows and require you to log in with your AU User Name and password (see page 10).

For current information about OIT Computing Lab setup, please see the OIT web site at **www.auburn.edu/oit**. Click on the "Connectivity" tab, and then click on "Computing Labs" in the first column.

Laser Printing

There is a 6° per page printing charge in the labs. The charge is billed on the AU bill of the User Name sending the print job. Paper is provided for the networked laser printers. You can check the balance of your lab printing charges in AU Access (see page 5) from the Student Financial Services (E-Bill) channel on the **tiger** tab or by going directly to the print charge page at **www.auburn.edu/oit/labprint**.

Lab Hours, Class Closings & Reservations

Generally, OIT Labs are open whenever the buildings are open during the semester. Some OIT Labs may be reserved for classes, closed during special campus events (such as home football games), or closed a few hours at a time for routine maintenance. Notice should be posted on the door in advance, and a lab calendar is available with the computing lab information on the OIT web site. If a lab is reserved, you will not be able to use the lab during that time. OIT Policy is that labs are not scheduled for more than five hours of classes during a 24 hour period.

OIT Computing Lab Software

For the most part, you will find the same software in all of the OIT labs (see page 11). You may find a few special applications that have been requested by departments in some locations and not others, but each facility is equipped with the major software applications. These include word processing, database, and networking applications.

CWE Survival Guide is published by the Office of Information Technology User Services Auburn University is an equal opportunity educational institution.