

EHS Online Safety Training

Developed by
The Emerging Technology Center
ETSU



Who are we?

- Carolyn Novak, Director
- Adam Ogle, Manager/Lecturer
- Jessica Keup, Manager/Lecturer
- The ETC, a very brief history
 - Part of Computer Science Department @ETSU
 - Significant online application development



Why use online EHS training?

- Save time, save \$\$
- Be compliant! It's the Law.
- Meets BMP requirements
- Easy to use
- Easy to administer

Key features

- Integration with Banner
- Scheduled reminder emails sent for annual (or other) training requirements
- Branded to your institution
- Includes several basic training modules
- Ability to print out Online Training Completion Certificate

Save time, save \$\$

- Training can be done online, anytime
- Save time NOT training
- No internal or contracted trainer costs

Be compliant! It's the law.

- Train staff, faculty, and students
- Automated and customized reporting
- Institution specific training modules

Meets BMP requirements

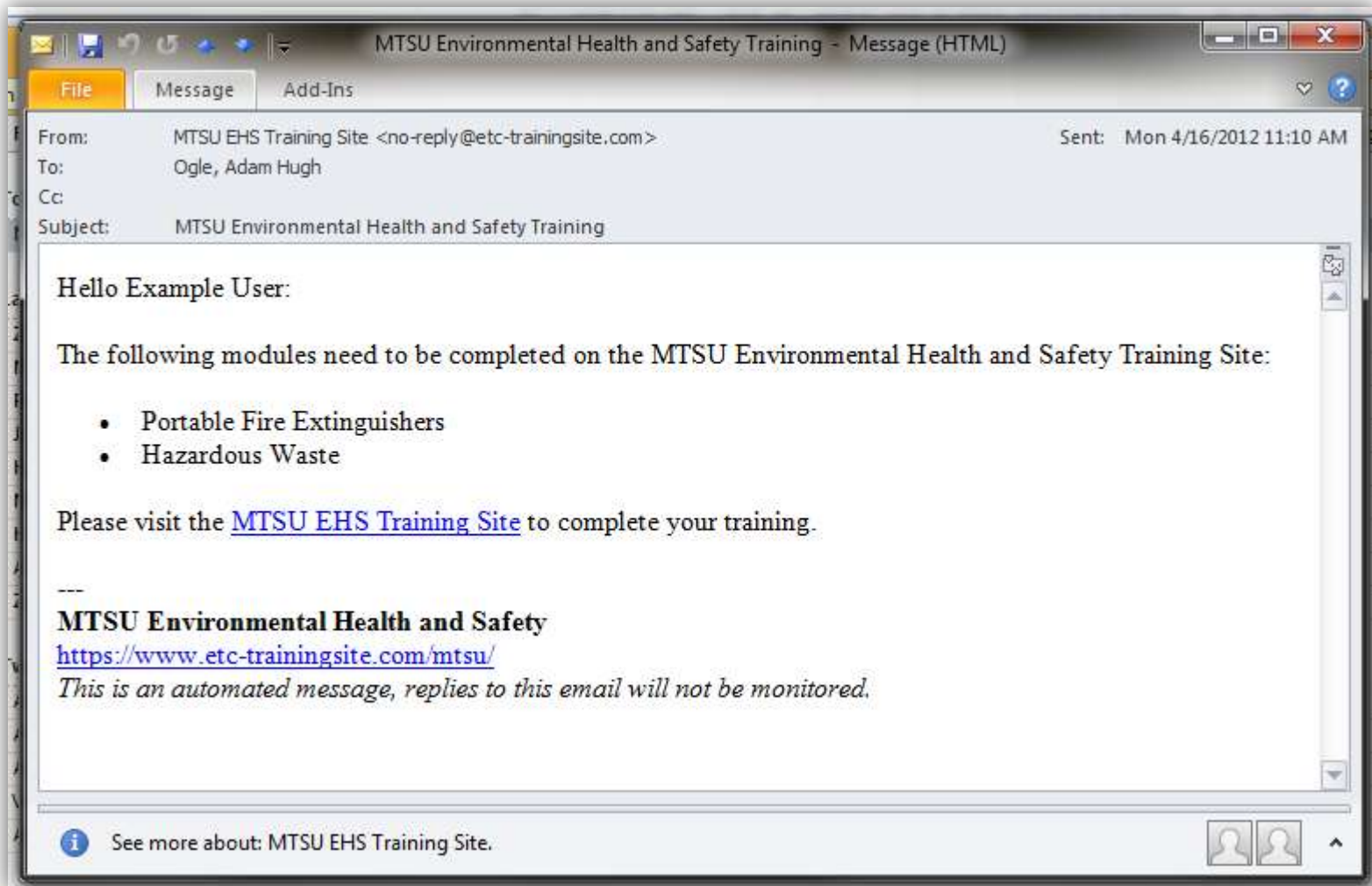
- Makes it easy to implement Best Management Practices into your operations
- It's the right thing to do
 - prevent workplace injuries and illnesses,
 - environmental incidents,
 - and damage or loss of property

Easy to use

- User sent an email with a link
- User logs in using their institutional email credentials
- User presented with links to required training module(s)
- Interface designed by Usability experts

TRAINEE INTERFACE





MTSU Environmental Health and Safety Online Training

As part of state (TOSHA) and federal (OSHA) requirements, higher education institutions are required to provide annual training for faculty and staff who work with or may come in contact with hazardous materials. To meet that requirement, the Environmental Health and Safety Department has developed online training customized to the information that you need based on your department.

Login using your PipelineMT username and password.

Username:

Password:



[ACADEMICS](#)

[CAMPUS LIFE](#)

[RESEARCH](#)

[INTERNATIONAL MTSU](#)

[ATHLETICS](#)

[CONTACT](#)

MTSU Environmental Health and Safety Online Training

Welcome! You have successfully logged into the MTSU Environmental Health and Safety (EHS) Department's Safety Training Program. The safety information and training you will receive by completing these self paced modules will be applicable to your daily work and provide interesting and useful information.


The specific modules you must complete have been designed by EHS staff, and tailored for you, based on your department. The order in which you complete the designated modules is up to you. Work through each module, reading thoroughly and carefully, at your own pace. It is very important for you to pace yourself when doing these modules. Take as much time as you need in order to understand and remember as much of the information and safety concepts provided in these modules as you can.

Do not rush through or skip sections in the modules, even if you think you know all of the information being presented. At the end of each module, you will take a short test to confirm your understanding. You must successfully complete this test in order to continue on to another module. If for some reason you are not successful the first time, do not worry. You can redo the module and retake the test as many times as needed

Do not feel that you must complete all the modules and tests at one sitting or session at your computer. You can return to the EHS website and this training program and resume where you left off. Following successfully completing each module in your training program, you will be instructed to print a Certificate of Completion for your records.

As always, EHS staff is available to help you with this training program and any other safety questions or issues you might have. If you have questions, contact Doug Brinsko (jbrinsko@mtsu.edu, 494-7725) or Terry Logan (tlogan@mtsu.edu, 898-5784).

Enjoy and have fun doing the modules. Be Safe!

 [Start your training](#)

Welcome

Training Modules

Log out mtmailtester

MTSU Environmental Health and Safety Online Training

Training Modules

Modules You Need To Take

Module Name	Date Assigned	Attempts	Options
Hazardous Waste	05-17-2011	1	Take
Portable Fire Extinguishers	05-16-2011	0	Take

Showing 1 to 2 of 2 entries

Modules You Have Completed

Module Name	Date Assigned	Date Completed	Date Expires	Certificate
Art Safety	05-16-2011	05-17-2011	05-17-2012	View

Showing 1 to 1 of 1 entries

[ABOUT MTSU](#)

[ADMISSIONS](#)

[ACADEMICS](#)

[CAMPUS LIFE](#)

[RESEARCH](#)

[INTERNATIONAL MTSU](#)

[ATHLETICS](#)

[CONTACT](#)



Welcome

Training Modules

Log out mtmailtester

MTSU Environmental Health and Safety Online Training

Hazardous Waste Training Material

[← Return to Training Module List](#) [📄 Take Training Quiz](#)



Purpose

The purpose of this training is to provide information on the proper disposal and management practices of all hazardous waste generated on MTSU campuses. Compliance begins with the responsibility of individual researchers and employees who generate any hazardous waste.

Regulatory Oversight

Welcome

Training Modules

Log out mtmailtester

MTSU Environmental Health and Safety Online Training

Hazardous Waste Training Quiz

Hazardous Waste can be a:

- solid
- liquid
- compressed gas
- All of the above

Laboratories, clinics, studios or shops may accumulate up to ____ gallons of hazardous waste at or near the point of generation:

- 25
- 40
- 45
- 55

Waste pick-up request forms may be accessed on the MTSU EH&S website:

- True
- False

When storing hazardous waste, the containers must be capped or closed, be in good condition, compatible with contents and segregated by compatibility:

- True
- False

Hazardous Waste must exhibit one of four characteristics, toxicity, reactivity, flammability, or corrosivity?

- True
- False

Universal Waste includes:

- Lead acid batteries
- Mercury-containing equipment

Welcome

Training Modules

Log out mtmailtester

MTSU Environmental Health and Safety Online Training

Hazardous Waste Training Quiz

You did not pass the quiz: your score was 44%

[Click here to review the training material again](#)

Below are the questions you missed with your (incorrectly) selected answers:

Hazardous Waste can be a:

- solid
- liquid
- compressed gas
- All of the above

At MTSU, hazardous waste could be generated in the following areas:

- Art Department
- Chemistry or Sciences Departments
- Physical Plant Shops
- All of the above

Training on Hazardous Waste must be taken:

- Monthly
- Annually
- Every 3 years
- Never

Universal Waste includes:

- Lead acid batteries
- Mercury containing equipment
- Fluorescent bulbs
- All of the above

Environmental Health and Safety Online Training

Certificate of Module Completion

This is to certify that

Example User

successfully completed the module

Art Safety

on 05-17-2011

Administered by
Emerging Technology Center
etc@etsu.edu
<http://etc-trainingsite.com>

On behalf of
Middle Tennessee State University
ehs@mtsu.edu
<http://www.mtsu.edu>

MTSU-4622-2194-3



ADMINISTRATOR INTERFACE



Welcome

Training Modules

User Management

Group Management

Report Management

Log out admin

MTSU Environmental Health and Safety Online Training

User Management

 [Create User...](#)

Show entries

Search:

Last Name ▲	First Name ◆	Middle Name ◆	Login Name ◆	Options
Alverson	Shawn	M	alverson	View Edit
Ambruster	Watson		wambrust	View Edit
Amey	Foster	K	famey	View Edit
Ammerman	Nancy	Shacklett	nammerma@mtsu.edu	View Edit
Amuzu	Boniface		bamuzu	View Edit
Ananth	Priya		pananth	View Edit
Anderson	Jill	E	janderson	View Edit
Anderson	James	C	janderso	View Edit
Anderson	Warren	L	wanderso	View Edit
Anderson	Deborah	K	danderso	View Edit

Showing 41 to 50 of 2,546 entries



[ABOUT MTSU](#)

[ADMISSIONS](#)

[ACADEMICS](#)

[CAMPUS LIFE](#)

[RESEARCH](#)

[INTERNATIONAL MTSU](#)

[ATHLETICS](#)

[CONTACT](#)



Welcome

Training Modules

User Management

Group Management

Report Management

Log out admin

MTSU Environmental Health and Safety Online Training

View User - Example User

[↩ Back to User List](#) [✖ Delete User](#) [👤 Edit User Information](#)

Banner Id

M00000000

Last Name

User

First Name

Example

Middle Name

+

MTSU Domain Account

mtmailtester

MTSU Email

ogleah@etsu.edu

Roles

Trainee: YES
User/Group Administrator: No
Report Administrator: No

Group Membership

- Test Group

Module Status(es)

- Open Modules
 - Portable Fire Extinguishers
 - Hazardous Waste
- Completed Modules
 - Art Safety (completed on 2011-05-16)

Welcome

Training Modules

User Management

Group Management

Report Management

Log out admin

MTSU Environmental Health and Safety Online Training

Group Management

 [Create Group...](#)

Show entries

Search:

Name ▲	Department Id ◆	Last Updated ◆	Options
Academic Projects	12011	2011-02-25 13:45:20	View Edit
Academic Support Center	51010	2011-02-25 13:45:20	View Edit
Academic Support Service Provost	12021	2011-02-25 13:45:20	View Edit
Accounting	14150	2011-02-25 13:45:20	View Edit
Adams Chair	12181	2011-02-25 13:45:20	View Edit
Administrative and Business Svcs	21100	2011-02-25 13:45:20	View Edit
Advancement Services	30100	2011-02-25 13:45:20	View Edit
Aerospace	13100	2011-02-25 13:45:20	View Edit
African American History Month	12112	2011-02-25 13:45:20	View Edit
African American Studies	12111	2011-02-25 13:45:20	View Edit

Showing 1 to 10 of 222 entries



[ABOUT MTSU](#)

[ADMISSIONS](#)

[ACADEMICS](#)

[CAMPUS LIFE](#)

[RESEARCH](#)

[INTERNATIONAL MTSU](#)

[ATHLETICS](#)

[CONTACT](#)



Welcome

Training Modules

User Management

Group Management

Report Management

Log out admin

MTSU Environmental Health and Safety Online Training

View Group - Test Group

[➤ Back to Group List](#) [✖ Delete Group](#) [👤 Edit Group Information](#)

Department Id

1

Name

Test Group

Last Updated

2011-05-17 10:03:55

Associated Modules

- Art Safety ([preview quiz](#) | [preview material](#))
- Portable Fire Extinguishers ([preview quiz](#) | [preview material](#))
- Hazardous Waste ([preview quiz](#) | [preview material](#))

Group Members

- User, Example

[ABOUT MTSU](#)

[ADMISSIONS](#)

[ACADEMICS](#)

[CAMPUS LIFE](#)

[RESEARCH](#)

[INTERNATIONAL MTSU](#)

[ATHLETICS](#)

[CONTACT](#)



Completed Cert.csv - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Add-Ins Load Test Team

Cut Copy Paste Format Painter Clipboard Font Alignment Number Styles

Calibri 11 A A Wrap Text Merge & Center General \$ % .00 .00 Conditional Formatting as Table Cell Styles

J53

	A	B	C	D	E	F	G	
	First Name	Last Name	Email	Module	Pass Date	Attempts	Last Score	Departments
1	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	2/1/2012	1	100	Information
2	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	10/29/2011	1	100	English
3	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	9/12/2011	1	100	Information
4	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	9/9/2011	1	90	English
5	Adam	Johnson	Adam.Johnson@etsu.edu	Bloodborne Pathogens	10/3/2011	1	80	Receiving an
6	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	10/3/2011	1	80	Receiving an
7	Adam	Johnson	Adam.Johnson@etsu.edu	Art Safety	5/27/2011	1	100	Public Safety
8	Adam	Johnson	Adam.Johnson@etsu.edu	Bloodborne Pathogens	5/27/2011	1	100	Public Safety
9	Adam	Johnson	Adam.Johnson@etsu.edu	Hazard Communication Standard	6/2/2011	1	100	Public Safety
10	Adam	Johnson	Adam.Johnson@etsu.edu	Hazardous Waste	6/2/2011	1	100	Public Safety
11	Adam	Johnson	Adam.Johnson@etsu.edu	Lab Safety	6/2/2011	1	100	Public Safety
12	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	5/27/2011	1	100	Public Safety
13	Adam	Johnson	Adam.Johnson@etsu.edu	Bloodborne Pathogens	9/9/2011	1	80	RESIDENT DIR
14	Adam	Johnson	Adam.Johnson@etsu.edu	Hazard Communication Standard	9/9/2011	1	70	RESIDENT DIR
15	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	9/9/2011	1	70	RESIDENT DIR
16	Adam	Johnson	Adam.Johnson@etsu.edu	Bloodborne Pathogens	10/18/2011	1	80	Engineering
17	Adam	Johnson	Adam.Johnson@etsu.edu	Hazard Communication Standard	10/18/2011	1	100	Engineering
18	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	10/18/2011	1	90	Engineering
19	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	9/9/2011	1	100	Psychology
20	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	2/1/2012	1	90	Psychology
21	Adam	Johnson	Adam.Johnson@etsu.edu	Portable Fire Extinguishers	11/1/2011	1	100	Business Off



Available for Cert.csv - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Add-Ins Load Test Team

N51 fx

	A	B	C	D	E	F	G	
	First Name	Last Name	Email	Module	Start Date	Attempts	Last Score	Departments
1	Abby	Smith	abby.smith@etsu.edu	Portable Fire Extinguishers	3/16/2012	0		Dean College Of
2	Abby	Smith	abby.smith@etsu.edu	Portable Fire Extinguishers	3/16/2012	0		Dean College Of
3	Abdulqayyum	Arifing	abdulqayyum.arifing@etsu.edu	Portable Fire Extinguishers	3/2/2011	1	60	Mathematical Sc
4	Adam	Anderson	adam.anderson@etsu.edu	Portable Fire Extinguishers	3/1/2011	0		Economics and F
5	Adam	Bowen	adam.bowen@etsu.edu	Portable Fire Extinguishers	3/1/2011	0		History
6	Alan	Bowen	alan.bowen@etsu.edu	Portable Fire Extinguishers	3/2/2011	0		Walker Library
7	Alan	Bowen	alan.bowen@etsu.edu	Bloodborne Pathogens	3/1/2011	0		Geosciences
8	Alan	Bowen	alan.bowen@etsu.edu	Hazard Communication Standard	3/1/2011	0		Geosciences
9	Alan	Bowen	alan.bowen@etsu.edu	Hazardous Waste	3/1/2011	0		Geosciences
10	Alan	Bowen	alan.bowen@etsu.edu	Lab Safety	3/1/2011	0		Geosciences
11	Alan	Bowen	alan.bowen@etsu.edu	Portable Fire Extinguishers	3/1/2011	0		Geosciences
12	Alan	Bowen	alan.bowen@etsu.edu	Portable Fire Extinguishers	9/9/2011	0		Recording Indus
13	Alanna	McCoy	alanna.mccoy@etsu.edu	Hazardous Waste	2/8/2011	0		Agribus and Agr
14	Alanna	McCoy	alanna.mccoy@etsu.edu	Lab Safety	2/8/2011	0		Agribus and Agr
15	Alanna	McCoy	alanna.mccoy@etsu.edu	Portable Fire Extinguishers	2/8/2011	0		Agribus and Agr
16	Albert	Anderson	albert.anderson@etsu.edu	Portable Fire Extinguishers	3/1/2011	0		Economics and F
17	Albert	Anderson	albert.anderson@etsu.edu	Portable Fire Extinguishers	3/2/2011	0		Mathematical Sc
18	Albert	Anderson	albert.anderson@etsu.edu	Bloodborne Pathogens	3/1/2011	0		Geosciences
19	Albert	Anderson	albert.anderson@etsu.edu	Hazard Communication Standard	3/1/2011	0		Geosciences
20	Albert	Anderson	albert.anderson@etsu.edu	Hazardous Waste	3/1/2011	0		Geosciences
21	Albert	Anderson	albert.anderson@etsu.edu	Lab Safety	3/1/2011	0		Geosciences
22	Albert	Anderson	albert.anderson@etsu.edu	Portable Fire Extinguishers	3/1/2011	0		Geosciences
23	Ally	Barlow	ally.barlow@etsu.edu	Portable Fire Extinguishers	3/1/2011	0		English
24	Alexandra	Smith	alexandra.smith@etsu.edu	Bloodborne Pathogens	2/8/2011	0		Athletic Directo
25	Alexandra	Smith	alexandra.smith@etsu.edu	Hazard Communication Standard	2/8/2011	0		Athletic Directo
26	Alexandra	Smith	alexandra.smith@etsu.edu	Hazardous Waste	2/8/2011	0		Athletic Directo
27	Alexandra	Smith	alexandra.smith@etsu.edu	Portable Fire Extinguishers	2/8/2011	0		Athletic Directo



BRANDING



- President's Greeting
- Apply to MTSU
- Libraries
- Distance Education
- Common Questions
- Support MTSU
- MTSU Jobs

President's Greeting

President's Greeting

Welcome to Middle Tennessee State University, which is widely recognized as one of the best public universities in the country.

Founded on September 11, 1911, MTSU is proud of its nearly 100-year commitment to academic excellence and student success. As a community of scholars, we enthusiastically embrace our past, celebrate our present accomplishments, and effectively plan for the future.



With an enrollment of more than 25,000 students, MTSU is the largest undergraduate university in the state of Tennessee. In spite of our impressive growth, we remain committed to providing individualized service in an exciting and nurturing atmosphere where student success is our top priority. With a wide variety of nationally recognized academic degree programs at the baccalaureate, master's and doctoral levels, MTSU takes pride in educating the best and the brightest students from Tennessee and around the world.

Our academic programs are offered in state-of-the-art facilities and our students live and learn in an environment which is aesthetically pleasing, academically stimulating, and culturally enriching. While we take seriously our role in preparing students for future careers and advanced scholarly pursuits, we also recognize that college is more than just classrooms and coursework. As such, we encourage students to participate in athletic and cultural events on campus as well as the more than 200 student organizations, which include everything from honor societies and service clubs to fraternities and sororities. Indeed, there is something to fit the unique interests and abilities of every student at MTSU.

I encourage you to visit the campus and see for yourself the difference that MTSU can make in your future. If you cannot get here right away, take a look at our virtual tour at www.mtsu.edu/virtualtour to see what being a part of *Tennessee's Best* is really like. Without a doubt, it is an unforgettable experience that can change your life.

Sincerely,

Dr. Sidney A. McPhee
President

- [Academic Master Plan, 248 KB PDF](#)
- [President's Newsletters](#)
- [Positioning the University for the Future! - Strategic Work Groups](#)



MTSU Environmental Health and Safety Online Training

As part of state (TOSHA) and federal (OSHA) requirements, higher education institutions are required to provide annual training for faculty and staff who work with or may come in contact with hazardous materials. To meet that requirement, the Environmental Health and Safety Department has developed online training customized to the information that you need based on your department.

Login using your PipelineMT username and password.

Username:

Password:

Login





CSCI Home

News and Events ▶

Prospective Students ▶

Current Students ▶

Faculty and Staff ▶

Academics ▶

Department Information ▶

Alumni ▶

Contact Us

Sitemap

CSCI 1100 (UIT)

PASTA

ETC

SAP

Computer and Information Sciences

Important Links ▼

iPad App Development Course

The spring semester was the kickoff for a new course to teach students how to develop apps for the iPod, iPad and iTouch. David Tarnoff teaches the iPad App Development course in the Department of Computer and Information Sciences.

[More...](#)

Tim Siggins: Making Smartphones Honest, as Well as Smart

When is a smartphone too smart? When it pirates personal information and sends it off to an unknown destination. Luckily, Tim Siggins is keeping an eye on smartphones to ensure greater safety for their owners.

[More...](#)

Robert Nielsen

Best cup of coffee in town:
"Coffee is akin to dirty dish water, so it really doesn't matter where you get it!"

Sum up your life philosophy:

[More...](#)



Upcoming Events

ACM Annual Student/Faculty Picnic
 (04-28-2012)

DailyTech Main News Feed

[Crytek's Crysis 3 Gets Official for 2013](#) –
 Crysis 3 up for pre-order

[Google Co-Founder Attacks Gov., Facebook for Ruining Internet Freedom](#) –
 Google couldn't have been created on a Web dominated by Facebook, said Google co-founder Sergey Brin; company pays \$25,000 fine

Quick Note: ASUS Transformer Prime GPS Dongle Spotted in the Wild –
 ASUS's Transformer Prime GPS dongle gets an early reveal

[Implantable Monitoring Device Vibrates to Warn of Pending Heart Attack](#) –
 Implantable device is called the Guardian





EAST TENNESSEE STATE UNIVERSITY

EH&S Home

Training

Emergency Procedures

Fire/Life Safety

General Health & Safety

Environmental Safety

Radiation Safety

Bio Safety

Employee Safety Handbook

Material Safety Data Sheets

Login

Secure Training Site

Once you log in you will be redirected to a secure area where you will be able to view training modules and quizzes.

Email: (use your ETSU email)

Password:

Login

[Password Reset](#)



Summary

- Online training saves time and \$
- It helps you stay compliant
- It helps you adhere to BMP
- It's easy to use and easy to administer

Questions?