

The image features a large, blue, arched metal structure on the left side, which is part of the Tougaloo College entrance. The archway is made of a lattice of metal beams and has the word "TOUGALOO" written in large, blue, capital letters along its top curve. The background shows a clear blue sky with some light clouds and green trees. In the top left corner, the text "TOUGALOO COLLEGE" is written in a gold, serif font. Below it, the word "-A" is written in a smaller, gold, serif font. Below that, the words "SPECIAL PLACE" are written in a larger, gold, serif font.

TOUGALOO COLLEGE
-A
SPECIAL
PLACE

Tougaloo College National Institute for Education and Training in Transportation Security (NIETTS)

A Department of Homeland Security
National Transportation Security
Center of Excellence

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Tougaloo College

The Third Annual DHS University
Network Summit

March 17-19, 2009
Washington, DC

TOUGALOO COLLEGE
NATIONAL INSTITUTE FOR EDUCATION AND
TRAINING IN TRANSPORTATION SECURITY
(NIETTS)

MISSION

The National Institute for Education and Training in Transportation and Security's Mission is to provide education and training for transportation professional and transit employees to effectively protect and increase the resilience of the nation's multimodal transportation infrastructure.

Tougaloo College National Institute for Education and Training in Transportation Security (NIETTS)



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- ▣ Tougaloo College was selected as Co-Lead for Education and Training for the National Transportation Security Center of Excellence (NTSCOE).
- ▣ Three institutions were identified as education” institutions for the NTSCOE-Tougaloo College, Rutgers University and Long Island University.

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▣ Tougaloo College hosted two NTSCOE meetings:

1. July 27-29, 2008 for the development of a NTSCOE strategic plan to provide guidelines for the three “education” institutions in the development of their respective DHS work plans.
2. August 27-28, 2008 for the establishment of the NTSCOE Education Training Advisory Review Committee (ETARC) and the selection of training vendor(s) for bus and rail security transportation employee training.

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- ▣ Tougaloo College's NIETTS Work Plan was completed and submitted to DHS on September 30, 2008. The Work Plan was approved and contract awarded by DHS.

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The NIETTS Work Plan has three major training initiatives. They are:

1. Training in behavior awareness for bus and rail mass transportation employees, workers, management and law enforcement.

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The training initiative for bus and rail transportation employees is the focus for the first year of the four year work plan:

1. Protecting the Homeland Innovations (PHI), LLC –has been selected by the Education Training Advisory Review Committee (ETARC) to provide behavior awareness training.
2. Two pilot sites have been identified -- the bus/train station in Jackson, Mississippi, and the Port Authority Bus Terminal in New York.

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**Sponsored a
Behavior Awareness Training for Mass Transit Workers
and Administrators**

Training was held at Tougaloo College. PHI, LLC training session focused on identifying and analyzing individuals who are potentially high-risk patrons.

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Tougaloo College Training Results:

February 17-20, 2009 @ Tougaloo College

- 92 TOTAL Mass Transit Workers and Local Law Enforcement Officers trained.
- 45 Law Enforcement Officers Trained
- 47 Civilians Trained

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New York Training Results:

March 4-13, 2009 @ New York Port Authority &
Police/Fire Training Academy in Westchester County.

- 150 TOTAL Mass Transit Workers and Local
Law Enforcement Officers trained.
- 65 Law Enforcement Officers Trained
- 85 Civilians Trained

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Participants represented the following agencies:

- ❖ U.S. DEPARTMENT OF HOMELAND SECURITY (DHS)
- ❖ U.S. TRANSPORTATION SECURITY ADMINISTRATION (TSA)
- ❖ CONGRESSMAN BENNIE THOMPSON OFFICE STAFF (BOLTON, MS)
- ❖ MS DEPARTMENT OF TRANSPORTATION
- ❖ MERIDIAN TRANSPORTATION COMMISSION
- ❖ JACKSON INTERNATIONAL AIRPORT POLICE
- ❖ MEMPHIS AREA TRANSIT AUTHORITY (MATA)
- ❖ ADIRONDACK TRAILWAYS
- ❖ NEW YORK & ATLANTIC RAILWAY

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Participants represented the following agencies:

- ❖ JACKSON MISSISSIPPI TRANSIT SYSTEM (JATLAN)
- ❖ PUBLIC SECURITY COMMISSION
- ❖ BOLIVAR COUNTY COUNCIL ON AGING (BCCOA)
- ❖ HOUSTON METRO POLICE DEPARTMENT
- ❖ CITY OF JACKSON POLICE DEPARTMENT
- ❖ METRO DEPARTMENT OF PUBLIC SAFETY
- ❖ PORT AUTHORITY OF NEW YORK & NEW JERSEY
- ❖ GREYHOUND LINES
- ❖ MTA METRO NORTH RAILROAD

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Survey Evaluation Results

Quality of Instruction	Very Good	Good	Acceptable	Poor	Very Poor
Knowledge of subject matter	150	16	1	0	0
Work experience in the transit industry	111	45	4	1	1
Method of delivery	139	31	4	2	0
Teaching Ability	143	21	4	1	1
Use of class participation	99	61	11	1	0

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Survey Evaluation Results

Course Content	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree
Increases self awareness of security issues in the transportation environment	135	38	1	1	0
Enhances ability to recognize suspicious behavior, objects, and substances	137	38	2	0	0
Identifies proper method for reporting suspicious activity	110	57	9	1	0
Improves awareness of transportation critical infrastructures	115	46	11	1	0
Prevents acts of prejudice and protects constitutional rights	120	46	6	2	0

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Survey Evaluation Results

Relevance	Definitely	Very Probably	Possibly	Probably Not	Not at All
Useful in everyday work environment	125	36	11	2	0
Relevant to job responsibilities	122	33	17	0	0
Improve mass transit security	121	41	9	1	0
Benefit passenger safety and security	124	30	9	1	0
Recommended for other front-line workers and transportation professionals	150	16	5	1	0

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Survey Comments *(randomly chosen)*

- The class is very good for all industry types. The instructors were very knowledgeable in the course study.
- I am going to ask that upper managers, i.e. principals receive this kind of training.
- Best class and information on Homeland Security issues I have ever had.
- I am much more knowledgeable now than I was before taking this training class. Todd gets an A++
- Good for all modes of transportation.
- Excellent course, should be taught to every law enforcement agency country wide.

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- ❑ Competitive process posted by DHS
Tougaloo College's application will build on the pilot trainings set out in its Work Plan by adding a third pilot site – Chicago Port Authority.
- ❑ Competitive application was submitted on October 9, 2008.

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2. Establishment of DHS related degree programs and development of partnerships and exchange programs with other NTSCOE institutions. Areas of interest include:

Business Administration

Information Technology

Engineering

History / Military History

Law Enforcement

Urban Planning

Physics

Visual Analytics

Public Administration / Policy

Finance

Economics

Criminal Justice

Emergency Management

Chemistry

Mathematics

Others as determined relevant
by NTSCOE & DHS

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- ❑ The major emphasis will be open to students in all departments. The emphasis will consist of twelve semester hours in addition to the major requirements, including:
- ❑ A key elective from the major that will support the objectives of the emphasis.
- ❑ All emphasis will have a general DHT/NTS security course which will include a scope of work for developing academic programs for the Office of Infrastructure Protection (OIP), the Nature of Terrorism, Natural Hazard Awareness and existing outreach training programs.
- ❑ One interdisciplinary course: each participating **division** will develop a course that will relate to NTS needs linking the division expertise to NTS needs. This course will be taken by all participants in an emphasis program within the division.

Undergraduate Major Emphasis

Continued

- One course developed that addresses the department's objectives for the emphasis which focuses on the department's expertise.
- Basic understanding and conversational Spanish.
- Students will participate in a summer internship program.
- The senior research paper will be done on a DHS NTS theme.

Cyber Intelligence Minor

- ▣ Cyber intelligence is used to proactively identify and mitigate emerging threats before they can cause serious harm
- ▣ (Internet Protection)

Cyber Intelligence Minor

Objective:

- ❑ The objective of these courses to provide students with career path that is consistent with today's ever increasing interconnection of institutional intelligence with the cyber world

Student Learning Outcomes:

- ❑ Students will be proficient in current computer skills and possess excellent ability to interface with the cyber world.
- ❑ Students will be knowledgeable of the psychological aspects of the cyberspace intruders' behavior.
- ❑ Students will have excellent oral and written communication skills.
- ❑ Students will be able to provide employers cyber intelligence skills to protect and secure intellectual properties.

Cyber Intelligence Minor Curriculum

CSC112 Computer Fundamentals

Students Introduced to basic computer applications, computer terminology, problem solving and critical thinking and an understanding of the impact of computer technology on society.

CSC221 & CSC222 Fundamental Programming I & II

Gives the student a fundamental knowledge of computer programming. Provides an essential foundation for understanding cyber technologies.

CSC422 Database Systems

Provides an essential knowledge of database systems and issues with data management. Concepts covered could include data security, data mining and data warehousing.

Cyber Intelligence Minor Curriculum

Continued

CSC489 Reading and Research

(This course could be used as an umbrella course to teach various topics in cyber intelligence)

The student would gain an awareness of emerging technologies and understanding of issues (ethical, political, social, and legal) of cyber intelligence, explore strategies for securing critical systems and technology infrastructure against cyber crime and terrorism, and awareness of tools used to protect and secure systems.

Techniques for evaluating network vulnerabilities and threat assessment.

PSY xxx The computerized human brain

This course looks at the challenges faced by 21st century psychologists in going beyond profiling criminals and terrorists, to understanding the interface of neuroscience, technology and ethics. The easy accessibility of information globally raises questions not only of intellectual property rights but also of the legal implications of fraud and theft in all human endeavors. The course will explore new ways to address the emerging issues.

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3. Community outreach and awareness.

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Other Accomplishments:

- ▣ Interim Director of the NIETTS is in place.
- ▣ Interviewing process for permanent NIETTS director has been implemented.
- ▣ Administrative Assistant for NIETTS began January 1, 2009.
- ▣ Space for housing staff of NIETTS has been located and is being renovated.