

# Marshall Information Security And Digital Evidence

## About MISDE

Now, more than ever, digital evidence is critical in investigating crimes and recovering stolen assets. As a result, the need for highly trained computer forensic investigators has never been greater. To meet this growing need



within the law enforcement and business communities, MUFSC established the Marshall Information Security and Digital Evidence (MISDE) Initiative. MISDE is multi-faceted program dedicated to providing students and working profes-

sionals with advanced training and education in the examination of digital evidence. Additionally, MUFSC is committed to providing technical assistance to law enforcement professionals and conducting innovative research.

## Our Facilities

MISDE's state-of-the art facilities include a dedicated computer forensics laboratory and three distance-learning classrooms. The computer forensic laboratory enables students from MUFSC's academic program to gain hands-on experience with the tools used in real-life forensic examinations. The laboratory also acts as MISDE's research center, where trained staff perform equipment validations and other projects. An in-lab RF room allows investigators to study and address the unique challenges of cell phone-based investigations. The presence of three distance-learning classrooms allows MISDE to administer its training and educational initiatives to a much larger audience than would be possible with traditional classroom instruction. Two of the classrooms have individual computer workstations for each student, preloaded with computer forensics software. This allows the instructor to demonstrate key concepts while students follow along, further enhancing the training experience.



## Our Projects

The MISDE Initiative serves a diverse audience including: students, business professionals, attorneys, law enforcement personnel, and IT managers. In order to reach these audiences, MISDE has developed several key strategies aimed at advancing the field of computer forensics:

- Develop graduate-level coursework in digital evidence examination, cybercrime investigation, and search and seizure methods as part of MUFSC's Forensic Science Degree Program
- Provide technical assistance to law enforcement agencies engaged in computer forensics investigations
- Organize cutting-edge training programs for attorneys, law enforcement personnel, and business professionals
- Maintain a state-of-the-art computer forensics laboratory for use in research, equipment validation, and student training
- Work with the private sector to enhance the practice of computer forensics and ensure vital data is protected
- Act as a model laboratory by developing and executing quality assurance and analytical procedures