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**Mississippi State University  
Computer Science and Engineering Department**

**Graduate Certificate in Cyber Operations**

Application Form

Name: \_\_\_\_\_ Student Identification Number: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number (home and cell): \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Degrees Pursued or Earned:

Degree: \_\_\_\_\_ Major: \_\_\_\_\_ Year: \_\_\_\_\_ School: \_\_\_\_\_

Degree: \_\_\_\_\_ Major: \_\_\_\_\_ Year: \_\_\_\_\_ School: \_\_\_\_\_

Degree: \_\_\_\_\_ Major: \_\_\_\_\_ Year: \_\_\_\_\_ School: \_\_\_\_\_

Courses taken you wish to apply toward certificate:

**Requirements for Certificate Award:**

The Graduate Certificate in Cyber Operations requires completion of the M.S. Degree or Ph.D. Degree in Computer Science or Electrical and Computer Engineering along with the completion of the following courses:

**Core Courses:**

- \_\_\_\_\_ CSE 4153/6153 Data Communication and Networks
- \_\_\_\_\_ CSE 4243/6243 Information and Computer Security
- \_\_\_\_\_ CSE 4273/6273 Introduction to Computer Forensics
- \_\_\_\_\_ CSE 4743/6743 Operating Systems II
- \_\_\_\_\_ CSE 4363/6363 Reverse Engineering
- \_\_\_\_\_ ECE 8823 Wireless Networks

**Optional Courses (Must take at least three from this list.):**

- \_\_\_\_\_ CSE 4283/6283 Software Testing
- \_\_\_\_\_ CSE 4383/6383 Cryptography and Network Security
- \_\_\_\_\_ ECE 4713/6713 Computer Architecture
- \_\_\_\_\_ ECE 4723/6723 Embedded Systems
- \_\_\_\_\_ ECE 4743/6743 Digital Systems Design
- \_\_\_\_\_ ECE or CSE 8990 Special Topics (to be approved by the certificate administrator)

To apply: Fill out the application form and email the form and an unofficial MSU transcript to the POC below.

**Points of Contact for Graduate Certificate in Cyber Operations:** Dr. Drew Hamilton, Professor of Computer Science and Engineering, [hamilton@cci.msstate.edu](mailto:hamilton@cci.msstate.edu); Dr. T.J. Jankun-Kelly (Graduate Coordinator), [tjk@cse.msstate.edu](mailto:tjk@cse.msstate.edu).