

# NETWORK TECHNOLOGIES AND APPLICATIONS GRADUATE CERTIFICATE

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**Banner Code:** VS-CERG-NETT

## Academic Advising

MSN 2B5  
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Fairfax, VA 22030

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Email: [tcom@gmu.edu](mailto:tcom@gmu.edu)  
Website: [ece.gmu.edu/graduate-certificates/certificate-program-network-technologies-and-applications](http://ece.gmu.edu/graduate-certificates/certificate-program-network-technologies-and-applications)

This graduate certificate provides a broad understanding of the technologies used in telecommunications networks and the various applications of telecommunications networks.

The graduate certificate may be pursued on a part-time or full-time basis.

## Requirements

### Certificate Requirements

Total credits: 15

#### Requirements

Select 9 credits from the following: 9

TCOM 505	Networked Multicomputer Systems	
TCOM 510	Client-Server Architectures and Applications	
TCOM 535	The TCP/IP Suite of Internet Protocols	
TCOM 555	Network Management Foundations and Applications	
TCOM 631	Voice Over IP	

Total Credits 9

#### Elective Requirements

Select six credits <sup>1</sup> 6

Total Credits 6

<sup>1</sup> Students may elect to take any additional 6 credits from the Telecommunications, MS emphasis areas 1, 2, and 3, including those in the mandatory course list that are not part of the 9 credits of core courses for the certificate.