ADVANCED NETWORKING PROTOCOLS FOR TELECOMMUNICATIONS GRADUATE CERTIFICATE

Banner Code: EC-CERG-ANPT

Academic Advising

MSN 2B5
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The Advanced Networking Protocols for Telecommunications certificate program offers courses on Internet Routing and Network Security. This graduate certificate program is designed for those who are working in or planning to work in the telecommunication industry but do not want to complete requirements for a master's degree in the field. The certificate may be pursued on a part-time or full-time basis. The certificate may also be pursued concurrently with any of the graduate degree programs in the College of Engineering and Computing.

Admissions & Policies

Policies

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

For all policies governing Graduate Certificates, please see AP.6.8 Requirements for Graduate Certificates (http://catalog.gmu.edu/policies/academic/graduate-policies/#text).

Requirements

Certificate Requirements

Total credits: 15

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

Core Courses

Code	Title	Credits
TCOM 515	Internet Protocol Routing: Lecture and Laboratory Course	3
TCOM 535	The TCP/IP Suite of Internet Protocols	3
TCOM 610	Border Gateway Protocol (BGP) Routing	3
Total Credits		9

Electives

Code	Title	Credits
Select 6 credits from the following:		6
TCOM 611	Multi-Protocol Label Switching (MPLS)	
TCOM 631	Voice Over IP	
TCOM 662	Advanced Secure Networking	
Total Credits		6