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Prairie View A&M University Networking Academy (PVNA)



PVNA Lab in S. R. Collins Engineering Technology Building

Telecommunications, computer networks, and the data computing industry are constantly changing. The current market is in demand of highly trained students with emphasis on information technology. PVNA is constantly emphasizing to teach and train the students in all areas of telecommunications, computer networks, and data computing. The students will gain a strong foundation and understanding of basic and advanced skills in these technologies for the real world applications, utilizing practical skills and leading edge technologies.

PVNA has two Labs:

1. Telecommunications and Networks Lab (S. R. Collins Building, Room 219):

The lab is covering all but not limited to the following:

- Cisco certification (CCNA) - Preparation
- Voice over IP
- Switching and Routing Configurations
- Traffic management
- Satellite Communications
- Quality of Service and Security using Cisco and Juniper Technologies
- Networking Cabling
- Wireless LAN and wireless integration using Cisco and Juniper Technologies
- Broadband Testing
- All concept of Computer Networks and Telecommunication

2. Computing Lab (S. R. Collins Building, Room 220):

The lab is covering all but not limited to the following:

- Designing and building Cluster and Grid Technology Linux and Unix\
- arallel computing analysis
- Super high Speed Data Calculations
- Data Visualizations
- Disaster recovery strategies
- Data privacy and compliance
- Explore current trends in server virtualization and management tools that facilitate its implementation

Contact:

Dr. Sarhan M. Musa (Director)

Prairie View A&M University Networking Academy (PVNA)
Department of Engineering Technology
Prairie View A&M University
P.O. Box 519, MS 2530
Prairie View, Texas 77446-0519
(Office): 936-261-9860
(Fax): 936-261-9867
E-mail: smmusa@pvamu.edu

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P.O. Box 519 . Prairie View, Texas . 77446-0519 Phone: (936) 261-9900