

# Curriculum Approval and Review

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# CPTR2245 - Enterprise Network Technologies

## Revision summary

Authors

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Requested start date

N/A

Status

**Approved** on January 18th, 2011 at 12:56 PM

## Course summary

Type

Career

Repeatable for additional credit?

No

Discipline

Other

Status

**Active**

Delivery methods

Campus, eCampus

Start date

05/13/2010

Credits

3 ( 2/1/0)

End date

N/A

## Rationale

The course description needed updating. The course description was updated to include complete sentences and confirm the capitalization. Outcomes were updated after review of the original proposal.

## Description

This course will introduce information technologies used in an enterprise network environment. Possible technologies the course will cover are SANs, virtualization, clustering, enterprise wireless, VPN connectivity, structured cabling and network management. The course will discuss how these technologies provide 24/7 availability and introduce the concept of green technologies.

## Pre-requisites

[CPTR2272](#)

## Co-requisites

(None)

## Competencies

- Analyze the cause and cost of network downtime.
- Develop strategies for high availability.
- Analyze SAN technology.
- Analyze server virtualization.
- Analyze active and passive server clustering.
- Evaluate concepts for cloud computing.
- Design an enterprise network.
- Implement server virtualization.
- Develop electronic documents supporting an enterprise network design.
- Evaluate options for green technologies.

## Revisions

Date	Status	Title
01/18/2011	Approved	Enterprise Network Technologies

Date	Status	Title
N/A	Approved	<a href="#">Enterprise Network Technologies</a>

## Affected programs

Credential	Title
AAS	<a href="#">Network Administration and Security</a>

Minnesota State  
Community and Technical College

M | State  
One College. Four Campuses. Online.