Montgomery County Community College
CIS 258
Advanced Windows Server Administration and Support
3-2-2

COURSE DESCRIPTION:
This course provides the students with the knowledge and skills necessary to install, configure, manage, and support a Windows infrastructure. Students will learn advanced deployment and configuration concepts, including the implementation of: Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP), Windows Internet Naming Service (WINS), network security, Remote Access Services (RAS), Internet Authentication Server (IAS), and Remote Installation Services (RIS). In addition, students will learn how to install, manage, configure and administer Windows Server 2008 R2/Windows 7 Active Directory. Virtualization of Student Servers will be employed throughout this course.

MICROSOFT COURSE EQUIVALENT:
Course 2153 - Implementing a Microsoft Windows Server 2008 R2 Network Infrastructure
Course 2154 - Implementing and Administering Microsoft Windows Server 2008 R2 Active Directory

PREREQUISITE(S):
CIS158 - Windows Server Administration and Support

CO-REQUISITE(S):
None

Upon successful completion of this course, the student will be able to:

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
1. Manage a Windows ws Th		

LEARNING OUTCOMES	LEARNING ACTIVITIES	EVALUATION METHODS
6. Publish resources in Active Directory.	Lecture Discussion	Competency Checklist

7.

LEARNING MATERIALS:
Textbook:
Morimoto et al, Windows Server 2012 Unleashed, SAMS, 2012, ISBN-13: 978-
    0672336225

Other learning materials may be required and made available directly to the student
and/or via the College's Libraries and/or course management system.

COURSE APPROVAL: