**COURSE SYLLABUS**

**NET208 Windows Clients**



# COURSE DESCRIPTION

# This course provides students with a broad understanding of Windows 10 Operating System. This course provides an introduction to the Microsoft Windows Desktop/Client operating system with an overview of Windows networking. local installation, configuration of core local services, and the general local management and maintenance of Windows 10. Although the focus is primarily on local scenarios, enterprise scenarios are also included, where applicable. Cloud-integrated services are covered where appropriate.

# GENERAL COURSE INFORMATION

|  |  |
| --- | --- |
| Number of Units/Weeks | 4/10 |
| #Hours Lecture/#Hours Laboratory/#Hours ELP \* | 30/20/80 |
| Prerequisite(s) | None |
| Co-requisite(s) | None |
| Course Developer(s) | Thomas Byrne BA |
| Date Approved / Last Review | March 2017 /March 2017 |

\* Enhanced Learning Project

**Learning Outcomes**

• Recognize and identify commonly used system settings

• Describe Operating system interaction with Server architecture

• Analyze the techniques used to administer Windows Client systems

• Create fully configured client systems.

**Instructional Methods Employed in this Course**

• Lecture and reading assignments

• Hands-on exercises and in-class labs

• Research

• Team environment

• Practical application of theory and skills

• Build on prior knowledge and experience of students to enhance richness of

class activities

# INFORMATION RESOURCES FOR THIS COURSE

**Textbook**

Microsoft Official Academic Course, 70-698 Installing and Configuring Windows 10. Patrick Regan. November 2016, ©2017  ISBN: 978-1-119-33129-2

**Lab Manual**

Microsoft Official Academic Course, 70-698 Installing and Configuring Windows 10 Lab Manual. Patrick Regan. November 2016, ©2017 ISBN: 978-1-119-36271-5

# TABLE/TOPICS & ASSIGNMENTS

**Types of Assignments:**

## Lecture –

Considered Lecture Hours

**Classroom Discussion –** Considered Lecture Hours

**Lab Work –**

Considered Lab Hours

**Homework (HW) Exercise –**

Considered Enhanced Learning Project (ELP), work done outside class

## Reading –

Considered Enhanced Learning Project (ELP), work done outside class

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | Topic/Description | Lec Time | Lab  Time | ELP Time | Point Value | Due | |
| **Lecture 1A** | Course introduction, Web Class | 1 | 0 | 0 | 0 |  | |
| **Lecture 1B** | Preparing for Windows Installation | 2 | 0 | 0 | 0 |  | |
| **Reading** | TEXT: Chapters 1 (14 pages) | 0 | 0 | 2 | 0 | Session 1 Evaluated by Midterm Week 5 | |
| **Lab 1A** | Setup and Lab 1 | 0 | 2 | 0 | 45 |  | |
| **HW 1** | Web Class Quiz Chapter 1 (23)  Assigned online reading (Certification/History) | 0 | 0 | 3 | 10 |  |
| **Total Session 1** | | 3 | 2 | 5 | 55 |  |
| **Type** | **Topic/Description** | **Lec Time** | **Lab**  **Time** | **ELP Time** | **Point Value** | **Due** |
| **Lecture 2A** | Installing Windows | 1 | 0 | 0 | 0 |  |
| **Lecture 2B** | Configuring Devices and Device Drivers | 2 | 0 | 0 | 0 |  |
| **Reading** | TEXT: Chapters 2 and 3 (50 pages) | 0 | 0 | 5 | 0 | Session 2 Evaluated by Midterm Week 5 |
| **Lab 2A** | Labs 2 and 3 | 0 | 2 | 0 | 45 |  |
| **HW 2** | Web Class Quiz Chapters 2 and 3 (50) | 0 | 0 | 3 | 30 |  |
| **Total Session 2** | | 3 | 2 | 8 | 75 |  |
| **Type** | **Topic/Description** | **Lec Time** | **Lab**  **Time** | **ELP Time** | **Point Value** | **Due** |
| **Lecture 3A** | Performing Post-Installation Configuration | 1 | 0 | 0 | 0 |  |
| **Lecture 3B** | Implementing Windows in an Enterprise Environment | 2 | 0 | 0 | 50 |  |
| **Reading** | TEXT: Chapters 4 and 5 (79 pages) | 0 | 0 | 8 | 0 | Session 3  Evaluated by Mid Term  Exam,  Week 5 |
| **Lab 3A** | Labs 4 and 5 | 0 | 2 | 0 | 45 |  |
| **HW3** | Web Class Quiz Chapters 4 and 5 (98) | 0 | 0 | 3 | 50 |  |
| **Total Session 3** | | 3 | 2 | 11 | 95 |  |
| **Type** | **Topic/Description** | **Lec Time** | **Lab**  **Time** | **ELP Time** | **Point Value** | **Due** |
| **Lecture 4A** | Configuring Networking | 1 | 0 | 0 | 0 |  |
| **Lecture 4B** | Configuring Storage | 2 | 0 | 0 | 0 |  |
| **Reading** | TEXT: Chapters 6 and 7 (88 pages) | 0 | 0 | 9 | 0 | Session 4  Evaluated by Mid Term  Exam,  Week 5 |
| **Lab 4A** | Labs 5 and 6 | 0 | 2 | 0 | 45 |  |
| **HW 4** | Web Class Quiz Chapters 6 and 7 (68) | 0 | 0 | 3 | 30 |  |
| **Total Session 4** | | 3 | 2 | 12 | 75 |  |
| **Type** | **Topic/Description** | **Lec Time** | **Lab**  **Time** | **ELP Time** | **Point Value** | **Due** |
| **Mid-Term**  **Exam**  **Review** | Prior week’s readings (234 pages) | 0 | 0 | 5 | 0 |  |
| **Lec 5A** | Study/Review/Finish Labs | 3 | 0 | 0 | 0 | Session 5  Evaluated by Mid Term  Exam,  Week 5 |
| **Mid-Term Exam** | Chapters 1-7 | 1 | 0 | 0 | 200 |  |
| **Lab 5A** | Lab 7 | 0 | 2 | 0 | 45 |  |
| **Total Session 5** | | 3 | 2 | 5 | 220 |  |
| **Type** | **Topic/Description** | **Lec Time** | **Lab**  **Time** | **ELP Time** | **Point Value** | **Due** |
| **Lecture 6A** | Configuring Data Access and Usage | 1 | 0 | 0 | 0 |  |
| **Lecture 6B** | Implementing Apps | 2 | 0 | 0 | 0 |  |
| **Reading** | TEXT: Chapters 8 and 9 (80 pages) | 0 | 0 | 8 | 0 | Session 6 Evaluated by Final Exam  Week 10 |
| **HW 6A** | Web Class Quiz Chapters 8 and 9 (53) | 0 | 0 | 3 | 30 |  |
| **Lab 6A** | Labs 8 and 9 | 0 | 2 | 0 | 45 |  |
|  | **Total Session 6** | 3 | 2 | 11 | 75 |  |
| **Type** | **Topic/Description** | **Lec Time** | **Lab**  **Time** | **ELP Time** | **Point Value** | **Due** |
| **Lecture 7A** | Configuring Remote Management | 1 | 0 | 0 | 0 |  |
| **Lecture 7B** | Configuring updates | 2 | 0 | 0 | 0 |  |
| **Reading** | TEXT: Chapters 11 and 12 (36 pages) | 0 | 0 | 4 | 0 | Session 7 Evaluated by Final Exam  Week 10 |
| **HW 7A** | Web Class Quiz Chapters 10 and 11 (25) | 0 | 0 | 3 | 30 |  |
| **Lab 7A** | Labs 10 and 11 | 0 | 2 | 0 | 45 |  |
|  | **Total Session 7** | 3 | 2 | 7 | 75 |  |
| **Type** | **Topic/Description** | **Lec Time** | **Lab**  **Time** | **ELP Time** | **Point Value** | **Due** |
| **Lecture 8A** | Monitoring Windows | 1 | 0 | 0 | 0 |  |
| **Lecture 9B** | Configuring System and Data Recovery | 2 | 0 | 0 | 40 |  |
| **Reading** | TEXT: Chapter 12 and 13 (45 Pages) | 0 | 0 | 4 | 0 | Session 8Evaluated by Final Exam  Week 10 |
| **HW 8** | Web Class Quiz Chapters 12 and 13 (15) | 0 | 0 | 3 | 30 |  |
| **Lab 8A** | Labs 12 and 13 | 0 | 2 | 0 | 45 |  |
|  | **Total Session 8** | 3 | 2 | 7 | 75 |  |
| **Type** | **Topic/Description** | **Lec Time** | **Lab**  **Time** | **ELP Time** | **Point Value** | **Due** |
| **Lecture 9A** | Configuring Authorization and Authentication | 1 | 0 | 0 | 0 |  |
| **Lecture 9B** | Configuring Advanced Management Tools | 2 | 0 | 0 | 40 |  |
| **Reading** | TEXT: Chapters 14 and 15 (56 Pages) | 0 | 0 | 6 | 0 | Session 9  Evaluated by Final  Exam Week 10 |
| **HW 9A** | Web Class Quiz Chapters 14 and 15 (43) | 0 | 0 | 3 | 30 |  |
| **Lab 9A** | Labs 14 and 15 | 0 | 2 | 0 | 45 |  |
|  | **Total Session 9** | 3 | 2 | 9 | 50 |  |
| **Type** | **Topic/Description** | **Lec Time** | **Lab**  **Time** | **ELP Time** | **Point Value** | **Due** |
| **Final**  **Exam**  **Review** | Prior week’s readings (194 pages) | 0 | 0 | 5 | 0 |  |
| **Lec 10A** | Study/Review/Finish Labs | 2 | 2 | 0 | 0 | Session 10  Evaluated by Final  Exam Week 10 |
| **Final Exam** | Chapters 8-15 | 1 | 0 | 0 | 200 |  |
|  | **Total Session 10** | 3 | 2 | 5 | 200 |  |

**Course Hours Summary:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Session** | **Topic** | **Lec Time** | **ELP Time** |
| **1** | Intro and Preparing for Windows Installation | 3 | 5 |
| **2** | Installation , Drivers and devices | 3 | 8 |
| **3** | Post Installation and Enterprise Environment | 3 | 11 |
| **4** | Networking and Storage | 3 | 12 |
| **5** | Study/Review/Finish Labs | 2 | 5 |
| **5** | Midterm Exam | 1 | 0 |
| **6** | Data Access and Configuring Apps | 3 | 11 |
| **7** | Remote Management and Updates | 3 | 7 |
| **8** | Monitoring Windows and System/Data Recovery | 3 | 7 |
| **9** | Configuring Authentication, Authorization and Remote Management | 3 | 9 |
| **10** | Study/Review/Finish Labs | 2 | 5 |
| **10** | Final Exam | 1 | 0 |
|  | **Total** | **30** | **80** |

# YOUR GRADES FOR THIS COURSE

Your final grade for this course will be based on an assessment by the Instructor of your performance on a number of course activities, which may include objective tests, classroom exercises, laboratory demonstrations, project papers, or other type of activities. The chart below indicates in what activities you will engage, how many possible points can be earned for each activity, and the percentage of your final grade that will be accounted for by each activity. Students in this course should be graded following Coleman University assessment practices and policies. A point system is used in the University to indicate student performance on various required activities or projects. For this course, points will be distributed as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **Week** | **Assignment** | **Points Possible** | **Percent of Grade** |
| **1 – 9** | Web Class Quiz Questions | 240 | 24% |
| **1** | Setup and Lab 1 | 45 | 4.5% |
| **2** | Labs 1 and 2 | 45 | 4.5% |
| **3** | Labs 3 and 4 | 45 | 4.5% |
| **4** | Labs 5 and 6 | 30 | 3% |
| **5** | Midterm | 200 | 20% |
| **5** | Labs 7 | 15 | 1.5% |
| **7** | Labs 8 and 9 | 45 | 4.5% |
| **8** | Labs 10 and 11 | 45 | 4.5% |
| **8** | Labs 12 and 13 | 45 | 4.5% |
| **9** | Labs 14 and 15 | 45 | 4.5% |
| **10** | Final Exam | 200 | 20% |
| **Total** | | **1000** | **100%** |

## Late Submission Policy

All assignments (including projects, lab work, quizzes and exams) must be completed as scheduled, deadlines will be defined 1st day of class.

# COLEMAN UNIVERSITY GRADE ASSIGNMENT POLICY

The Coleman University guidelines for the assignment of grades to total points earned is as follows:

|  |  |  |
| --- | --- | --- |
| **Percent** | **Letter Grade** | **Grade Points** |
| **94-100** | A | 20% |
| **90-93** | A- | 10% |
| **87-89** | B+ | 20% |
| **84-86** | B | 30% |
| **80-83** | B- | 5% |
| **77-79** | C+ | 5% |
| **74-76** | C | 2.0 |
| **70-73** | C- | 1.7 |
| **67-69** | D+ | 1.33 |
| **64-66** | D | 1.0 |
| **60-63** | D- | .67 |
| **n/a** | INC | 0 |
| **n/a** | W | 0 |
| **60 or above** | CR | 0 |
| **59 or below** | NC | 0 |
| **70 or above** | PASS | 0 |

# EXPECTATIONS FOR WRITTEN ASSIGNMENTS

## Academic Quality

Unless explicitly stated otherwise, all written assignments will be submitted in APA format unless otherwise specified. This includes the Team Assignment paper and any Homework assignments. Note that Web Class Discussion Forum posts are not required to follow APA format.

Students with questions about the quality of their writing style are STRONGLY encouraged to consult the Coleman University Center for Academic Success. Located in Room 232, the CAS is a service available to all Coleman University students to review the grammar and style prior to submission. The CAS has a number of tools available to help students improve their ability to communicate clearly in writing.

Coleman University Students should pay close attention to the Spelling and

Grammar Check functions of Microsoft Word®. In addition, the Coleman University Library Resource section of Web Class includes a version of TurnItIn, which allows students to check their work for plagiarism and grammar errors.

## Scholarly References

All written assignments will include references to scholarly sources. Scholarly sources include peer-reviewed technical and business journals, papers presented at conferences sponsored by professional organizations (e.g., IEEE, ACM, INCOSE, PMI, etc.), and academic books (i.e., textbooks). Scholarly sources can be found using the EBSCO Host and Harvard Business Review databases available in the Coleman

University Library Resource section of Web Class, Google Scholar, plos.org, or the Directory of Open Access Journals. If the option is available in the search engine, please limit your search results to peer-reviewed sources.

The following types of sources **WILL NOT** be accepted as scholarly resources:

* Commercial Webpages (except those included in Online Supplemental Materials section of this document, or with written approval by instructor)
* Open-source wiki sites such as wikipedia.com, ask.com, about.com, answers.yahoo.com
* Blogs such as wordpress.com, blogspot.com (except those included in Online Supplemental Materials section of this document, or with written approval by instructor)
* Postings from open discussion forums

White papers published by commercial organizations MAY be considered scholarly references, but tread lightly. Students are encouraged to review the Coleman University presentation regarding evaluation of resources (“CAARBs”) available on the Coleman University Library Resources section of Web Class.

# CLASS DECORUM REQUIREMENTS

## Attendance

Classes begin and end as indicated in the published schedule. It is required that students be present at the beginning of each class session and stay until class is dismissed, including lab periods. Excessive tardiness, leaving early and/or absences (from either lecture or lab sessions) are causes for dismissal from the University. A student that arrives in class beyond 30 minutes late will be considered absent. A student leaving more than 30 minutes before the end of class will also be considered absent.

## Conduct

Students are expected to conduct themselves in a professional manner while on campus. Rules of conduct are outlined in the University Catalog and students are required to adhere to such policies.

# COLEMAN UNIVERSITY POLICY ON ACADEMIC DISHONESTY

Academic dishonesty is cause for dismissal from Coleman University. Presenting another person’s ideas, methods, course work, or test answers with the intention that they be taken as one’s own is theft of a special kind. It defrauds the originator of the work, the institution, its graduates, its students, and its future students. The student has full responsibility for the authenticity of all academic work and examinations submitted. A student who appears to have violated this policy must submit to a hearing with the reporting instructor and the associate dean. If it is determined that a violation occurred, the matter will be referred to an Officer of the University with recommendations for an appropriate penalty. The student may be dismissed, suspended, or given another penalty.