

MIDSTATE COLLEGE
411 W. NORTHMOOR RD. PEORIA, IL 61614
(309) 692-4092 (800) 251-4299
Summer 2018

Course number & Name: CIS 251 – Introduction to DOS and Scripting

Credit hours: 4 Quarter Hours
Arranged

Method of Delivery:

Course Description: This course introduces the students to the Microsoft Disk Operating System (MS-DOS) which will be used as a tool to teach operating system installation, management and security, and command line skills. The students will also learn how to use a current task automation framework consisting of a platform's command-line interface tool and scripting language. Windows PowerShell will be the platform used. Course fees may apply.

Prerequisite: CIS114, CIS126

Text(s) & Manual(s): Windows 7 and Vista Guide to Scripting, Automation, and Command Line Tools, 1st Ed.

Author(s): Brian Knittel

Publisher: Pearson Education Inc., 2011 ISBN-13: 978-0-7897-3728-1

Materials needed for this course:

Additional Supplies: None

Hardware/Software and Equipment: Provided

Topics: Fundamentals of scripting using VBScript, Batch, and Powershell

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

1. Read, understand, create, test, and document basic scripts written in VBScript.
2. Utilize VBScripts to manipulate files and read registry keys and to get information from WMI
3. Understand concepts of scripting with Active Directory Scripting Interface
4. Read, understand, create, test, and document a Windows batch script.
5. Read, understand, create, test, and document a script written in Powershell.

Midstate Grading scale:

90 - 100 A
80 - 89 B
70 - 79 C
60 - 69 D
0 - 59 F

Midstate Plagiarism Policy:

Plagiarism is using another person's words, either by paraphrase or direct quotation, without giving credit to the author(s). Plagiarism can also consist of cutting and pasting material from electronic sources by submitting all or a portion of work for assignment credit. This includes papers, computer programs, music, sculptures, paintings, photographs, etc. authored by another person without explicitly citing the original source(s). These actions violate the trust and honesty expected in academic work. Plagiarism is strictly against the academic policy of Midstate College. Its seriousness requires a measured, forceful response which includes consequences for inappropriate and/or no citation.

In courses containing writing assignments, the College promotes the use of an electronic resource which compares the student's writing against previously submitted papers, journals, periodicals, books, and web pages. Students and instructors can use this service to reduce the incidence of plagiarism. This electronic resource has been found to conform to legal requirements for fair use and student confidentiality. It is able to provide a report to the student indicating the parts of the assignment that match.

Student Success: The Office of Student Success is available to students seeking tutoring for individual classes or who need assistance with writing assignments. Information is also available on test taking techniques, how to take notes, developing good study skills, etc. Contact Student Success in Room 218 (in person); (309) 692-4092, extension 2180 (phone); studentsuccess@midstate.edu (email).

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Instructor: Greg Ballard

Room: 122

Midstate email: gballard@midstate.edu

Phone: (800) 251-4299 x1220

Office Hours: By Appointment (student arranges)

Policies & Procedures:

- 1) Assignments: Homework is due at the beginning of the class period. All homework is to be turned in with your name, date, and the name of the assignment at the top. 70% is the highest score that late or make up work can earn without prior arrangement with the instructor. No makeup work is accepted during finals week.
- 2) Exams: Must be taken on the dates scheduled by the instructor. Failure to take an exam on the scheduled date will result in a grade of "F" (0 points). Make-up exams must be taken in the testing center. It is the student's obligation to make the appropriate arrangements to have a test administered.
- 3) Attendance: Regular attendance is expected. It is the student's responsibility to notify the instructor when a class will be missed. If you know of a conflict ahead of time, you are welcome to submit projects early. If you find that an absence is unavoidable, contact the Midstate Office at 692-4092 and leave a message or email me at the address above. If I do not receive a call or email before the missed class period, you will be considered unexcused and no make-up will be allowed for that day. Lab work must be completed in class on furnished equipment. Make-up lab work can be scheduled with the instructor if an absence is unavoidable. Lab work may be scheduled during any class.
- 4) Academic Dishonesty: Plagiarism and cheating are serious offenses and may be punished by failure on exam, paper, or project; failure in course; and/or expulsion from the college. For more information refer to the "Academic Dishonesty" policy in the student handbook.
- 5) Grades: It is the students' responsibility to keep copies of all assignments turned in for a letter grade until the end of the quarter when a final grade has been earned. If a document is lost and no copy is available, the student will not receive credit.
- 6) Behavior: Cell phones / pagers are prohibited from use in this course. Also, do NOT use email/messenger programs during class. This is not only rude to your instructor, but also distracts you and others around you from the learning experience.
- 7) Student Responsibility: The following are the student's responsibilities:
 - Reading the class textbook and any other materials assigned by the instructor, including journals, magazines, white papers, and Internet materials. Chapter materials covered during class should be read BEFORE the start of class.
 - Participating in oral presentations and classroom discussions
 - Participating in lab exercises
 - Completing all assignments and quizzes/exams

Participation Requirements:

- Reading the class textbook and any other materials assigned by the instructor, including journals, magazines, white papers, and Internet materials. Chapter materials covered during class should be read BEFORE the start of class.

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- Participating in oral presentations and classroom discussions
- Participating in lab exercises
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Examination Information:

This course does not utilize quizzes or exams. The grade is based on homework and class participation.

Methods of evaluating student performance:

These percentages are approximate values

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|------------------------|------------|
| • Homework Assignments | 75% |
| • Class Participation | <u>25%</u> |
| • Total: | 100% |

Instructor's Grading Scale: See Midstate grading scale

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TENTATIVE COURSE SCHEDULE

Week	Chapter(s)	Objective(s)	Topic(s)
1	1	1	Windows Scrip Host
2	2	1	VBScript Tutorial
3	3	1	Scripting and Objects
4	4	2	File and Registry Access
5	5	1	Network and Printer Objects
6	7	2	Windows Management Interface
7	8	3	Active Directory Scripting Interface
8	10	4	The CMD Command-Line Shell
9	11	4	Batch Files for Fun and Profit
10	14	5	Windows PowerShell
11	15	5	PowerShell Programming
12	16	5	Using PowerShell