



North Idaho College

Coeur d'Alene · Business · Computer Information Technology

Systems Administration I

CITE-104

Spring 2023 Sections 100, 101 3 Credits 01/09/2023 to 05/11/2023 Modified 12/15/2022

Contact Information

Office 365 Outlook Group: CITE-104 cite-104@studentsnic.onmicrosoft.com

Professor, MCT: Randy Graves

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Office: Hedlund 224D

Phone: (208) 769-7859

Website: <http://www.linkedin.com/in/rkgraves/> (<http://www.linkedin.com/in/rkgraves/>)

Internet Office Hours:

Monday - Thursday: 7:30 - 8:00 AM, 12:00 - 12:30 PM, and 4:00 - 4:30 PM

Friday: 7:30 - 8:00 AM and 1:30 - 2:00 PM

Or, by appointment

Meeting Times

(Hybrid) Face-to-Face + Online

HED-224G

Tuesdays -

8:00 AM - 9:50 (Section 100)

10:00 AM - 11:50 (Section 101)

Description

This course covers the fundamentals of implementing, managing, maintaining, and provisioning services and infrastructure in a server-based network environment. This course covers the initial implementation and configuration of core networking services, such as IP networking, file storage, Directory Services, user and group management, file and print services, and virtualization.

Materials

Hands-On Microsoft Windows Server 2019

Author: Jason W. Eckert

Publisher: Cengage

Edition: 3rd

ISBN: eTextbook - 9780357710081, Loose-leaf - 9780357436165, Paperback Rent/Buy - 9780357436158

Availability: paperback, loose-leaf, eBook, eTextbook - Online purchase/rental or NIC campus bookstore

Price: \$39 - \$150

Hands-On Microsoft Windows Server 2019 | 3rd Edition:

<https://www.cengage.com/c/hands-on-microsoft-windows-server-2019-3e-eckert/9780357436158PF/?filterBy=Student>

(Same textbook is used for both CITE-104 and CITE-105)

Outcomes

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

- Install a server operating system
- Secure a server operating system
- Configure a server operating system
- Configure secure Local Area Network access
- Configure basic network services

Assessment

Professionalism:—10%

Work completed on time, investment in course reading, alert and participating in face-face class time (no ear buds or phone use), utilizing instructional videos and course Outlook group, efficiently manage course responsibilities, effective communications with instructor and peers, overall positive demeanor, demonstrated *Soft Skills.

*Soft Skills:

<http://www.techrepublic.com/blog/10things/10-highly-valued-soft-skills-for-it-pros/3353>
(<http://www.techrepublic.com/blog/10things/10-highly-valued-soft-skills-for-it-pros/3353>)
http://en.wikipedia.org/wiki/Soft_skills (http://en.wikipedia.org/wiki/Soft_skills)

Weekly Quizzes:—60%

A Study Guide is provided for each textbook module. Weekly quizzes will be comprised of questions taken from the study guide. Quizzes are timed and to be taken closed-book and closed-notes.

Mid-Term Exam:—15%

The mid-term exam will be comprised of questions taken from module study guides covered to-date. The mid-term exam will be timed and to be completed closed-book and closed-notes.

Final Exam—15%

The course final exam will be comprised of questions taken from the module study guides. The final exam will be timed and to be completed closed-book and closed-notes.

Please Note: Late work is not accepted

Grade Assigned By Overall Course Percentage:

93%+	90 to 92%	87 to 89%	83 to 86%	80 to 82%	77 to 79%	73 to 76%	70 to 72%	Below 69%
A	A-	B+	B	B-	C+	C	C-	no credit

* Course Policies

Attendance

Students are expected to attend all classes. Illness and emergency related absences do not relieve students from the responsibility of making up any missed work. It is the responsibility of the student to obtain information concerning missed work and to see that it is completed and turned in on time. **A minimum of 80% course attendance is required in order to receive course credit.**

Schedule

CITE-104 & 105 Course Schedule – Spring 2023 rev-0	Due by Sunday 11:59 PM
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Week-1 (Jan-9)	Course Introduction: - Textbook <i>"Hands-On Microsoft Windows Server 2019 3rd"</i> - Projects (Labs) & HED-224G Remote Access - Quizzing	Project: HED-224G Remote Access Quiz: Practice Quiz	
Week-2 (Jan-17)	<i>Martin Luther King, Jr. Holiday (Campus closed)</i> Module 1: Getting Started with Windows Server 2019 - Module 1 Quiz - Projects 1-2 to 1-3	Module 1 Quiz Projects 1-2 to 1-3	
Week-3 (Jan-23)	Module 2: Configuring Windows Server 2019 - Module 2 Quiz: - Projects 2-1 to 2-9	Module 2 Quiz Projects 2-1 to 2-9	
Week-4 (Jan-30)	Module 3: Implementing Hyper-V and Rapid Server Deployment - Module 3 Quiz - Projects 3-1 to 3-7	Module 3 Quiz Projects: 3-1 to 3-7	
Week-5 (Feb-6)	Module 4: Intro to Active Directory and Account Management - Module 4 Quiz - Projects 4-1 to 4-9	Module 4 Quiz Projects: 4-1 to 4-9	

Week-6 (Feb-13)	Module 5: Configuring Resource Access - Module 5 Quiz - Projects 5-1 to 5-8	Module 5 Quiz Projects: 5-1 to 5-8	
Week-7 (Feb-21)	<i>Presidents Day Holiday (Campus closed)</i> Module 6: Configuring Printing - Module 6 Quiz - Projects 6-1 to 6-7	Module 6 Quiz Projects: 6-1 to 6-7	
Week-8 (Feb-27)	Mid-Term Exam	Mid-Term Exam	
Week-9 (Mar-6)	Module 7: Configuring and Managing Data Storage - Module 7 Quiz - Projects 7-1 to 7-7	Module 7 Quiz Projects: 7-1 to 7-7	
Week-10 (Mar-13)	Module 8: Configuring and Managing Network Services - Module 8 Quiz - Projects 8-1 to 8-6	Module 8 Quiz Projects: 8-1 to 8-6	

Week-11 (Mar-20)	Module 9: Configuring and Managing Remote Access Services - Module 9 Quiz - Projects 9-1 to 9-7	Module 9 Quiz Projects: 9-1 to 9-7	
	<i>March-27 to March 31 -Spring Break (Campus Closed)</i>		
Week-12 (Apr-3)	Module 10: Configuring Web Services and Cloud Technologies - Module 10 Quiz - Projects 10-1 to 10-4	Module 10 Quiz Projects: 10-1 to 10-4	
Week-13 (Apr-10)	Module 11: Managing and Securing Windows Networks - Module 11 Quiz - Projects 11-1 to 11-5	Module 11 Quiz Projects: 11-1 to 11-5	
Week-14 (Apr-17)	Module 12: Monitoring and Troubleshooting Server 2019 - Module 12 Quiz - Projects 12-1 to 12-6	Module 12 Quiz Projects: 12-1 to 12-6	
Week-15 (Apr-24)	TBA	TBA	

Week-16 (May-1)	TBA	TBA
Finals	(May 8 – May 10) Final Exam & Final Project	

Additional Items

Computer and Internet Access:

This course is online (Internet). To be successful with this course students are required to have readily available access to a reliable computer with dependable high speed Internet access.

Acceptable Computer Use Policy:

The CITE computing hardware, software, and other tools, utilized during this course are intended solely to support learning and the course objectives. Do not modify, install, or remove any hardware, software, change the wallpaper, or add/change any other configurations, unless directed to do so by your instructor. *Computer gaming is not allowed in the lab at any time.*

Acceptable Internet Use Policy:

CITE Internet access, when available, is provided solely to support classroom learning and the course objectives.

Division Policies

Student Responsibility

As outlined in the Student Code of Conduct, all North Idaho College students have both rights and responsibilities: Please access www.nic.edu/ferpa.StudentCode/index.htm for complete information that pertains to this subject. For a complete explanation of the North Idaho College Statement on [Academic Honesty & Academic Integrity](#) (<http://www.nic.edu/modules/images/websites/121/file/section5/5.06.01policy.pdf>) please refer to Policy 5.06 & Procedure 5.06.01:

Academic Integrity

Disruptive behavior in the class is not tolerated. To quote from the NIC "Student Code of Conduct," Article II, (found in the Student Handbook):

In order to carry out North Idaho College's Mission and to create a community of learners, the students, faculty, staff, and administrators must share common principles or values. These values – which include honesty, trust, fairness, respect, and responsibility – make up academic integrity.

Violations of academic integrity may result in failure of an assignment, failure of the course, or more serious sanctions.

Institutional Policies

Academic Dishonesty

Violations of academic integrity involve using or attempting to use any method that enables an individual to misrepresent the quality or integrity of his or her work at North Idaho College. These violations include the following:

- Cheating: using or attempting to use unauthorized materials, information, or study in any academic exercise.
- Fabrication: falsifying or inventing any information or citation in an academic exercise.
- Plagiarism: knowingly representing the words or ideas of another as one's own in an academic exercise.
- Violation of Intellectual Property: stealing, altering, or destroying the academic work of other members of the community or the educational resources, materials, or official documents of the college.
- Facilitating Academic Dishonesty: knowingly helping another to attempt to violate any provisions of this policy."

Violations of academic integrity may result in failure of an assignment, failure of the course, or more serious sanctions.

"For a complete explanation of the North Idaho College Statement on Academic Honesty & Academic Integrity please refer to Policy 5.06 & Procedure 5.06.01: <http://www.nic.edu/policy/>

Student Code of Conduct

The Student Code of Conduct applies to any student enrolled at North Idaho College. This includes, but is not limited to, face-to-face classes and Internet classes.

NIC shall maintain a Student Code of Conduct that specifically addresses prohibited behavior and assures due process for alleged violations. The Code of Conduct shall make clear possible sanctions for such actions. [Policy Manual \(http://www.nic.edu/websites/default.aspx?dpt=121&pageId=\)](http://www.nic.edu/websites/default.aspx?dpt=121&pageId=) (See 5.06)

Disability Support Services and the Americans with Disabilities Act (ADA)

In compliance with the Americans with Disabilities Act of 1990 and Section 504/508 of the Rehabilitation Act of 1973, North Idaho College provides accommodations to eligible students who experience barriers in the

educational setting due to learning, emotional / mental, physical, visual, or hearing disabilities. Instructors will provide accommodations to students only after having received a Letter of Accommodation from Disability Support Services (DSS).

If a student would like to request accommodations, he or she must contact DSS so that a Letter of Accommodation may be sent to the instructor. Students requesting accommodations should contact DSS as early in the semester as possible to avoid delay of accommodation due to student load. Accommodations are not retroactive. DSS provides academic accommodations, access, assistance and services at NIC and at the North Idaho Consortium of Higher Education campus.

Contact:

[Disability Support Services Website](#)

(208) 769-5947

Withdrawal

Please check the [NIC Calendar \(https://www.nic.edu/calendar/\)](https://www.nic.edu/calendar/) for the last day students can withdraw from courses.

Instructor-Initiated Withdrawal: An instructor has the right to withdraw a student for academic reasons. For more information, see the [Instructor-Initiated Withdrawal Procedure \(https://www.nic.edu/modules/images/websites/121/file/section5/5.04.02procedure.pdf\)](https://www.nic.edu/modules/images/websites/121/file/section5/5.04.02procedure.pdf).

Financial Aid Satisfactory Progress (SAP): Federal Regulations require North Idaho College to establish Satisfactory Academic Progress standards (SAP) for all financial aid recipients. The purpose of SAP standards are meant to ensure that students and academic institutions are held accountable to the taxpayer-funded federal student aid programs while students complete their academic goals in a timely manner. This process monitors student performance in all terms of enrollment, including terms in which the student did not receive financial aid. For more information, see the [Financial Aid Satisfactory Progress \(http://www.nic.edu/websites/default.aspx?dpt=29&pageId=3025\)](http://www.nic.edu/websites/default.aspx?dpt=29&pageId=3025) website.

For more information on withdrawals, see the [NIC Student Accounts \(http://www.nic.edu/websites/default.aspx?dpt=12&pageId=177\)](http://www.nic.edu/websites/default.aspx?dpt=12&pageId=177) website.

Title IX

North Idaho College seeks to provide an environment that is free of bias, discrimination, and harassment. If you have been the victim of sexual harassment/misconduct/assault we encourage you to report this. If you report this to any college employee, (except for a licensed counselor or health care professional) she or he must notify our college's Title IX coordinator about the basic facts of the incident (you may choose whether you or anyone involved is identified by name). For more information about your options at NIC, please go to: [www.nic.edu/titleIX \(http://www.nic.edu/titleIX\)](http://www.nic.edu/titleIX) or call (208) 676-7156

Removal From Class For Non-Attendance

Attendance is based on your participation in this class. Failure to attend will result in your being removed from this class and may result in your financial aid award being reduced. You are responsible for confirming the accuracy of your attendance record.

SPECIAL STATEMENT ON COVID-19

Your safety, health, well-being, and that of our faculty and staff are our primary concerns. Everyone is expected to abide by college measures to mitigate the risk of spreading COVID. Circumstances can change rapidly, which may require a change in the delivery method of courses, for example a move from face-to-face to hybrid or online. Continue to visit the North Idaho College [COVID-19 webpage](#) for the latest information.

Students experiencing symptoms related to COVID-19 or that have tested positive for COVID-19 should not attend class and should call Rapid-Trace to self-report: (813) 699-3551. If you were in close contact with a COVID-19 positive case, please call Rapid-Trace to self-report. Rapid-Trace will confidentially notify NIC on your behalf and assist with information and resources for effective self-quarantine, if applicable.

Students in healthcare programs experiencing symptoms related to Covid-19 should not attend class and contact the Healthcare Programs Student COVID Response Team HPNstudentcovidreporting@nic.edu for further guidance.

Students enrolled in programs associated with healthcare may have different requirements for masking in the lab and clinical settings.

COVID-19 Absences

As with any absence from class, students will need to communicate with professors directly to establish a plan for keeping pace with course material and submission of assignments during a quarantine period.

COVID-19 Student Resources

This is a challenging time to meet your academic goals. Please use the [Student Resources](#) for information and resources on basic needs such as housing, food, financial aid, and medical and mental health.

Please also visit the [Access to Computers, Internet & E-Learning Support](#) webpage for information on the technology and resources you will need to be successful.

For general questions about technology, [contact the IT Help Desk](#) at helpdesk@nic.edu or 208.769.3280.

NIC leadership will continue to monitor CDC recommendations, engage in weekly discussions with Panhandle Health District, and track local indicators for changes in conditions that may lead to greater risk.