Note:

Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should not be used to purchase course materials.
COURSE SYLLABUS
CSIS 352
SYSTEM ADMINISTRATION

COURSE DESCRIPTION
Principles of system administration activities, applications, operating systems, and domains; analysis of computing applications, infrastructures, architectures, firmware, hardware, disaster recovery, security, and enterprise deployment.

RATIONALE
In a world where networks are ubiquitous, system administrators are needed more than ever. However, system administrators’ job duties are rarely clear. In this course, essential aspects of system administration will be covered, providing students the opportunity to develop the skills required to analyze and troubleshoot systems as represented in the workplace today.

Some of the topics covered include: network foundations, change processes, provision of system services, security policies, backup deployment and disaster recovery, network design, software installation and maintenance, and configuration management.

I. PREREQUISITE
For information regarding prerequisites for this course, please refer to the Academic Course Catalog.

II. REQUIRED RESOURCE PURCHASE
Click on the following link to view the required resource(s) for the term in which you are registered: http://bookstore.mbsdirect.net/liberty.htm

III. ADDITIONAL MATERIALS FOR LEARNING
A. Computer with basic audio/video output equipment
B. Internet access (broadband recommended)
C. Microsoft Office

IV. MEASURABLE LEARNING OUTCOMES
Upon successful completion of this course, the student will be able to:
A. Integrate a biblical worldview within information technology.
B. Examine the primary components of administrative domains.
C. Select appropriate IT architectures to meet business requirements.
D. Analyze applications to solve organizational needs.
E. Formulate a system installation, configuration, and deployment.

V. **COURSE REQUIREMENTS AND ASSIGNMENTS**

A. Textbook readings and lecture presentations

B. Course Requirements Checklist

   After reading the Course Syllabus and Student Expectations, the student will complete the related checklist found in Module/Week 1.

C. Discussion Board Forums (2)

   Discussion boards are collaborative learning experiences. Therefore, the student is required to provide a thread in response to the provided prompt for each forum. Each thread must be at least 250 words, demonstrate course-related knowledge, and follow current APA guidelines. In addition to the thread, the student is required to reply to 2 other classmates’ threads and follow current APA guidelines. Each reply must be at least 100 words. If sources are used in threads or replies, proper APA citation must be used.

D. Research Paper

   The student will write a research-based paper in current APA format. The paper will be 5–7 pages long and will focus on a system administration project-based topic. The paper must include at least 5 references in addition to the course textbooks and the Bible.

E. Projects (3)

   The student will complete three projects that focus on system administration tasks.

F. Quizzes (6)

   Each quiz will cover the Reading & Study material for the module/week in which it is assigned. Each quiz will be open-book/open-notes, contain 20 multiple-choice or true/false and 2 short answer questions, and have a 25-minute time limit.

VI. **COURSE GRADING AND POLICIES**

A. Points

   | Course Requirements Checklist | 10 |
   | Discussion Board Forums (2 at 50 pts ea) | 100 |
   | Projects (1 at 150 pts and 1 at 100 pts) | 250 |
   | Research Paper | 150 |
   | Final Project (200 pts) | 200 |
   | Quizzes (6 at 50 pts ea) | 300 |

   **Total** 1010

B. Scale

   A = 900–1010   B = 800–899   C = 700–799   D = 600–699   F = 0–599
C. Disability Assistance

Students with a documented disability may contact Liberty University Online’s Office of Disability Academic Support (ODAS) at LUOODAS@liberty.edu to make arrangements for academic accommodations. Further information can be found at www.liberty.edu/disabilitysupport.
## Course Schedule

### CSIS 352


<table>
<thead>
<tr>
<th>Module/Week</th>
<th>Reading &amp; Study</th>
<th>Assignments</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Limoncelli et al.: Preface, ch. 55 Minasi et al.: ch. 2 1 presentation 1 video</td>
<td>Course Requirements Checklist Undergraduate Level Business Program Assessment Class Introductions DB Forum 1</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>Limoncelli et al.: chs. 16–21 1 presentation</td>
<td>Quiz 1</td>
<td>50</td>
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<tr>
<td>3</td>
<td>LaCroix: ch. 1 Limoncelli et al.: chs. 25–26 Minasi et al.: ch. 6 1 presentation</td>
<td>Project 1 Quiz 2</td>
<td>150</td>
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<tr>
<td>4</td>
<td>LaCroix: ch. 4, 7–8 Limoncelli et al.: ch. 22 1 presentation</td>
<td>DB Forum 2 Quiz 3</td>
<td>50</td>
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<tr>
<td>5</td>
<td>Limoncelli et al.: chs. 13–15, 34 1 presentation</td>
<td>Project 2 Quiz 4</td>
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</tr>
<tr>
<td>6</td>
<td>Limoncelli et al.: chs. 32–33 1 presentation</td>
<td>Research Paper Quiz 5</td>
<td>150</td>
</tr>
<tr>
<td>7</td>
<td>Limoncelli et al.: ch. 21 Minasi et al.: ch. 22 (Using PowerShell) 1 presentation</td>
<td>Quiz 6</td>
<td>50</td>
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<tr>
<td>8</td>
<td>LaCroix: ch. 14 Limoncelli et al.: chs. 35–37 1 presentation</td>
<td>Final Project</td>
<td>200</td>
</tr>
</tbody>
</table>

**Total 1010**

DB = Discussion Board

**NOTE:** Each course module/week (except Module/Week 1) begins on Tuesday morning at 12:00 a.m. (ET) and ends on Monday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on **Friday**.