## COURSE INFORMATION

<table>
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<tr>
<th>Course Prefix/Number:</th>
<th>CTS2361</th>
<th>Course Title:</th>
<th>SharePoint Administration</th>
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<tr>
<td>Number of Credits:</td>
<td>4.00</td>
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<td>Course Type:</td>
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<td>Lab</td>
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## COURSE DESCRIPTION

This is a comprehensive course for students majoring in Internet Services, Database Technology – Microsoft Database Administrator (DBA), Computer Programming and Analysis, and for students preparing for Microsoft SharePoint certification exams. Students will learn how to install, configure, and administer Microsoft SharePoint and also how to manage and monitor sites and users by using Microsoft SharePoint. Laboratory fee.

Prerequisite(s): CTS1437  
Co-requisite(s):  

## COURSE COMPETENCIES

### Learning Outcomes Legend:

1. Communication  
2. Numbers / Data  
3. Critical Thinking  
4. Information Literacy  
5. Cultural / Global Perspective  
6. Social Responsibility  
7. Ethical Issues  
8. Computer / Technology Usage  
9. Esthetic / Creative Activities  
10. Environmental Responsibility

### Competency 1: The student will demonstrate an understanding of how to install SharePoint by:

2. Installing SharePoint Server prerequisites.  
3. Installing SharePoint Server.  
4. Performing an advanced installation of SharePoint.

### Competency 2: The student will demonstrate an understanding of how to create a SharePoint 2010 intranet by:

1. Creating a web application.  
2. Creating a site collection.  
3. Creating a site collection in a new content database.

### Competency 3: The student will demonstrate an understanding of how to configure content management by:

1. Configuring list throttling.  
2. Enabling FILESTREAM and provisioning the RBS Data Store.  
3. Installing RBS on all SharePoint web and application servers.  
4. Configuring the BLOB size threshold for RBS.

### Competency 4: The student will demonstrate an understanding of how to configure authentication by:  

1. Creating and configuring an ASP.NET membership database.  
2. Creating a web application that uses claims-based authentication.  
3. Creating user accounts for access to external data.  
4. Configuring secure store services.  
5. Configuring secure store unattended accounts.

### Competency 5: The student will demonstrate an understanding of how to secure content by:

1. Managing SharePoint groups.  
2. Creating custom permission levels.  
3. Managing permissions and inheritance.  
4. Creating a web application policy.

### Competency 6: The student will demonstrate an understanding of how to manage SharePoint customizations by:

1. Administering features.  
2. Administering solutions.  
3. Administering sandboxed solutions.  
5. Configuring sandbox points.

### Competency 7: The student will demonstrate an understanding of how to configure and secure SharePoint Services and Service Applications by:
1. Administering SharePoint services.
2. Administering SharePoint Windows’s services.
3. Configuring web application and application pool security.
4. Creating a service application.

**Competency 8:** The student will demonstrate an understanding of how to manage user profiles, My Sites, and social content by:

1. Creating a user profile service application.
2. Configuring user profiles.
3. Configuring profile imports from external data sources.
5. Creating your My Site and profile.
6. Configuring social networking features.

**Competency 9:** The student will demonstrate an understanding of how to administer and configure SharePoint Search by:

1. Creating content for searching.
2. Creating an enterprise search center site.
3. Creating and configuring a content source.
4. Configuring file types.
5. Configuring search settings.
6. Configuring managed properties.
7. Creating and configuring a search scope.
9. Configuring a thesaurus.
10. Configuring noise words.

**Competency 10:** The student will demonstrate an understanding of how to implement productivity service applications by:

1. Installing and configuring Office web apps.
2. Configuring and testing the Office web apps in a document library.