

Midterm Exam Study Guide

IS 413 – Hilton

Here are the details for our Midterm Exam:

- Exam will be administered via Learning Suite
- You may take it anytime during the allotted time period from wherever you are
- There are 50 questions
- Questions will consist of True/False, Multiple Choice and Short Response types
- You have 60 minutes to complete the exam
- You may use your Notes, Textbook, and Past Programs on the exam
- You may NOT use any other resources (Internet search, other individuals, etc.)

Topics that may be covered on the Midterm Exam are:

- Client-Server Model
- URLs
- Coding by Convention
- The MVC Pattern
 - Models
 - Views
 - Controllers
 - File Structure (What Goes Where)
 - Purposes of Individual Files
- CSS files
- Middleware
- Razor Code
- Razor Commands
- Controllers
- Actions
- Constructors
- Static vs. Non-Static Classes
- Return statements
- .UseDefaultFiles()
- .UseStaticFiles()
- .UseRouting()
- Forms
- Navigation (Routing) in MVC
- Inheritance
- Interface vs. Class
- Data Annotations
- Tag Helpers
- C# Arrays
- Nullable Values
- List
- NuGet Package Manager
- “model” vs. “Model”
- Model-First (Code-First) vs. Database-First
- Migrations
- Scaffolding
- Entity Framework
- DbSet
- DbContext
- ModelState.IsValid
- Linq
- IQueryable
- Git Commands
- Bootstrap Grid System