**CRITICAL PATH**

**ITS-5212 (Windows Application Development using .NET)**

The Critical Path is the calendar, timeline or weekly course schedule. It is an important document that lays out weekly objectives that you, the student, are responsible for to ensure academic success. You are strongly advised to print out a copy of the Critical Path and to refer to it regularly.

| **Week/Modules** | **Topics, Readings, and Activities** | **Week Dates/ Due Tasks with Dates** | **Weight** |
| --- | --- | --- | --- |
| W#1 | * Introduction to C# * Differences and Similarities b/w C# and Java * Introduction to Visual C# Environment * Creating Console Applications |  |  |
|  | * Datatypes * Typecasting * Literals * Constants * Keywords * Methods * Introduction to .net Environment * First GUI Application * **Lab # 1** |  | 5% |
| 1 | GUI Controls |  |  |
| 2 | GUI Controls  **Lab # 2** |  | 5% |
| 2 | Practical Lab Test – 1 Hour  Even Handling |  | 10% |
| 3 | Event Handling  Lab # 3 |  | 5% |
| 3 | Advanced window controls  Lab # 4 | Project Selection | 5% |
| 4 | Advanced window controls  Lab # 5 |  | 5% |
| 4 | Collections  Lab # 6 |  | 5% |
| 5 | Multi-Threading  Lab# 7 |  | 5% |
| 5 | Practical Lab test – 1 Hour  LinQ | Project Review | 10% |
| 6 | LinQ  Lab # 8 |  | 5% |
| 6 | File Access  Lab # 9 |  | 5% |
| 7 | Database Access  Project REview |  |  |
| 7 | Lab # 10  Project Submission |  | 5%, 10% |
| 8 | Final Exam – 2 Hours |  | 20% |
| **Summary** | | |  |
| Grade Summary | | |  |
| In Class Labs (10) | | | 50% |
| Project (1) | | | 10% |
| Practical test (2) | | | 20% |
| Final Exam (1) | | | 20% |
| Toal | | | 100% |