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| **C COURSE CONTENTS** |

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| **C** | |
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| **Assignments / Case Studies will be provided on above topics which needs to be completed** | |
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| **Assignments / Case Studies will be provided on above topics which needs to be completed** | |
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| **Chapter 11: Structures**   * Fundamental Concepts * Describing a Structure * Creating Structures * Operations on Structures * Functions Returning Structures * Passing Structures to Functions * Pointers to Structures * Array of Structures * Functions Returning a Pointer to a Structure | **Chapter 12: File I/O**   * System Calls vs. Library Calls * Opening Disk Files * fopen * I/O Library Functions * Copying a File * Character Input vs. Line Input * scanf * printf * fclose * feof |
| **Assignments / Case Studies will be provided on above topics which needs to be completed** | |
| **Chapter 13: I/O With Structures**   * A Database Application * The menu Function * The fwrite Function * The create\_db Function * The fread Function * The print\_db Function * fseek * The retrieve\_db Function * fflush and ftell | **Chapter 14: Useful Library Functions**   * strstr * strchr, strrchr * system * strtok * strspn, strcspn * Math Functions * Character Testing Functions * exit and atexit * signal * qsort * Binary Search - bsearch |
| **Assignments / Case Studies will be provided on above topics which needs to be completed** | |