# REQUIREMENTS DOCUMENT

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| **Date Submitted:** | Due Date of Assignment  **3/17/19** |
| **Application Title:** | Name of Program  **Hh\_9\_1 “Course Information”** |
| **Purpose:** | What the program will do  **The program will create 3 dictionaries with information containing course room numbers, instructors, and meeting times. It will then ask the user to enter the course number that they want more information on, and will display all of the information for the user.** |
| **Program Procedures:** | Procedures to follow when using the program  **1. The program will create three dictionaries.**  **2. The course number will be the key for each dictionary.**  **3. The values will be the room number, instructor, and meeting times, respectively.**  **4. The program will ask the user which course the user wants more information on.**  **5. The user will input the course number.**  **6. The program will display the course room number, instructor, and meeting time.** |
| **Algorithms, Processing, and Conditions:** | 1. Create the dictionaries. Will be hardcoded as all course information is given and no input is needed from the user to add more information for the courses.  2. The course number will be the keys.  3. Ask for input from the user. The user is expected to enter a key number that is already inside of one of the dictionaries.  4. Use an if statement to check if the key is in one of the dictionaries. If it is in one (or not in one) then it is in them all (or in none of them).  5. If the key entered is NOT in the dictionaries, inform the user of this and allow them to re-enter a correct key.  6. If the key IS in one of the dictionaries, print out for the user all of the information related to that course number: the room number, the instructor, and the meeting time. |
| **Notes and Restrictions:** | None. |
| **Comments:** | None. |