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CS-300 Project One Milestone

1. Pseudo code for opening, reading, parsing through a file:

Create an empty vector “courses”

Open file

If the file is not open

Print “File Not Open”

End the program

While not at the end of the file

Read each line and copy into a string

Separate string into a list of items by spaces

If less than 2 spaces are present in the string

Print “Error”

Skip to next line

Else add string to “courses”

Close file

1. Pseudo code for creating course objects and store them in a data structure

For each item in “courses”

Create a new object “course[i]”

Add “course[i]” to the end of “courses”

1. Pseudo code for search and print: (*This pseudo code was provided on the Supporting Materials Document.*)

void searchCourse(Vector<Course> courses, String courseNumber) {

**for all courses**

**if the course is the same as courseNumber**

**print out the course information**

**for each prerequisite of the course**

**print the prerequisite course information**

}