


# CS 300 Project One Milestone Three Guidelines and Rubric

Activity: 5-3 Project One Milestone Three: Tree Data Structure Pseudocode

Course: CS-300-11942-M01 DSA: Analysis and Design 2025 C-2 (Mar - Apr)

Name: JASON Hney

Criteria	Proficient	Needs Improvement	Not Evident	Criterion Score
File Input	35 points  Designs pseudocode to open a file, read the data from a file, parse each line, and check for file format errors  	29.75 points  Shows progress toward proficiency, but with errors or omissions; areas for improvement may include ensuring all parameters on each line are read and that any prerequisite exists as a class in the file	0 points  Does not attempt criterion	35 / 35
<div>Criterion Feedback</div> <div>You successfully created initial pseudocode to open the file, read the data and parse it according to the assignment instructions, including checking for file errors.</div>				

Criteria	Proficient	Needs Improvement	Not Evident	Criterion Score
Course Object Pseudocode	30 points Designs pseudocode that defines an object to hold data from an input file in the appropriate data structure	25.5 points Shows progress toward proficiency, but with errors or omissions in the pseudocode; areas for improvement may include designing pseudocode for the appropriate data structure ✓	0 points Does not attempt criterion	25.5 / 30

**Criterion Feedback**

You successfully created pseudocode to load the data, but you need to include the actual object definition so it would clearly indicate the struct and variable type. This would be a struct with three elements, the course number, the course name, and then some means of storing the prerequisites. I see you have most of it there, you just need to indicate the variable types. Please refer to your programming assignment, announcements and Overall Feedback comments below. You may correct and resubmit.

Print Course Information Pseudocode	30 points Designs pseudocode that will print out information from a data structure that meets requirements ✓	25.5 points Shows progress toward proficiency, but with errors or omissions; areas for improvement may include searching for a single course, printing out prerequisites, or passing the appropriate data structure as a parameter	0 points Does not attempt criterion	30 / 30
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Criteria	Proficient	Needs Improvement	Not Evident	Criterion Score
<div>Criterion Feedback</div> <div>You successfully created pseudocode to print out all information from the data structure when a match is found.</div>				
Articulation of Response	<div>5 points</div> <div>Clearly conveys meaning with correct grammar, sentence structure, and spelling, demonstrating an understanding of audience and purpose</div> <div>✓</div>	<div>4.25 points</div> <div>Shows progress toward proficiency, but with errors in grammar, sentence structure, and spelling, negatively impacting readability</div>	<div>0 points</div> <div>Submission has critical errors in grammar, sentence structure, and spelling, preventing understanding of ideas</div>	<div>5 / 5</div>
<div>Criterion Feedback</div> <div>Your response was clear and insightful.</div>				
Total				95.5 / 100

Overall Score

Proficient

✓

Needs Improvement

Not Evident