

CSCI 203 Program Analysis/Design/Test Form

Project: _____
Date: _____
Name: _____

This form is to be used to analyze a problem and then to design and test a program to solve the problem.

A. Problem Analysis – What’s required?

Data Objects

<u>Name</u>	<u>Type</u>	<u>Given/Result</u>	<u>Sample</u>
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Restrictions on supplied data objects (if any).

Relationships/Formulas: how to transform the givens to the results.

B. Program Design – devise an algorithm in pseudo code.

Variables:

Name

Type

Initial value

Algorithm:

C. Functional Test Plan

Test Data

What's being tested?

Expected Results