Name: Intro to Programming I
Block:

Lab 0 - Intro

Requirement	Possible Points	Points Earned
List of software and movies/books	2	
Picture	2	
Document	1	
Total	**5**	

Comments:

Lab 1: Hello World!

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Builds	2	
Output matches lab document	2	
Total	**5**	

Comments:

Lab 2: House

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Builds	2	
Displays appropriately	3	
Modified house	2	
Name outputted below house	2	
Total	**10**	

Comments:

Lab 3: Intro to Variables and Operators

Requirement	Possible Points	Points Earned
Part I checked	2	
Part II checked	3	
Part III handed in with correct solutions	10	
Total	**15**	

Comments:

Name: Intro to Programming I
Block:

Lab 4: Boxes

Requirement	Possible Points	Points Earned
Header filled in (name, block, etc.)	2	
Builds	2	
Submitted on time	5	
Uses appropriate variable names/types	3	
Correct calculation of surface area	5	
Correct calculation of volume	5	
Output matches lab document	3	
Total	**25**	

Comments:

Lab 5: Gallons of Paint

Requirement	Possible Points	Points Earned
Header filled in (name, block, etc.)	2	
Builds	2	
Submitted on time	5	
Uses appropriate variable names/types	3	
Correct calculation per room	2	
Correct calculation of total with rounding to whole	3	
Output matches lab document	3	
Total	**20**	

Comments:

Name: Intro to Programming I
Block:

Lab 6A: Intro to If-Else

Requirement	Possible Points	Points Earned
Problems correct	3	
Total	**3**	

Comments:

Lab 6B: Slope

Requirement	Possible Points	Points Earned
Header filled in (name, block, etc.)	2	
Builds	2	
Submitted on time	5	
Uses appropriate variable names/types	2	
Calculates slope when appropriate	1	
If-else for separate cases	6	
Correct equations of lines	4	
Displays two decimal places	1	
Output matches lab document	2	
Total	**25**	

Comments:

Name: Intro to Programming I
Block:

Lab 7: Babbage Burgers and Fries

Requirement	Possible Points	Points Earned
Header filled in (name, block, etc.)	2	
Builds	2	
Submitted on time	5	
Uses appropriate variable names/types	2	
for loop behaves correctly	4	
Weekly pay calculation correct	3	
Total pay calculation correct	3	
Displays dollars ($) to two decimal places	2	
Output matches lab document	2	
Total	**25**	

Comments:

Lab 8: Midnight Movie Madness

Requirement	Possible Points	Points Earned
Header filled in (name, block, etc.)	2	
Builds	2	
Submitted on time	5	
Uses appropriate variable names/types	2	
do-while loop around menu behaves correctly	2	
if-else correctly executes choice	2	
Conversions correct	3	
Time left correct	2	
Loops until no time left (& no neg. time displayed)	3	
Output matches lab document	2	
Total	**25**	

Comments:

Name: Intro to Programming I
Block:

Lab 9: Birthday Baffler

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Builds	1	
Submitted on time	7	
Uses appropriate variable names/types	1	
Checks for valid date	2	
switch case for month	2	
switch case for day of week	2	
Correct test for leap year	3	
Correct calculations	4	
Output matches lab document	2	
Total	**25**	

Comments:

Name: Intro to Programming I
Block:

Lab 10A: Intro to Functions – return variables

Requirement	Possible Points	Points Earned
Questions answered	3	
Problems correct	9	
Total	**12**	

Comments:

Lab 10B: Paint 2 - Gallons of Paint with returned values

Requirement	Possible Points	Points Earned
Submitted on time	6	
Uses appropriate variable names/types	1	
Input functions correct	5	
Process function correct (returns gallons per room)	5	
Output function correct	5	
Output matches lab document	1	
Total	**23**	

Comments:

Name: Intro to Programming I
Block:

Lab 11A: Intro to Functions – parameters

Requirement	Possible Points	Points Earned
Questions answered	7	
Problems correct	9	
Total	16	

Comments:

Lab 11B: Paint 3 – Gallons of Paint with parameters

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Builds	1	
Submitted on time	7	
Uses appropriate variable names/types	1	
Three functions	3	
Appropriate set-up and use of functions	4	
Correct looping	2	
Correct calculation per room	2	
Correct calculation of total with rounding to whole	3	
Output matches lab document (2 decimal places)	2	
Total	**26**	

Comments:

Name: Intro to Programming I
Block:

Lab 12 – Basic Statistics

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Submitted on time	7	
Four functions	2	
Appropriate variable/function names	2	
Appropriate set-up and use of functions	4	
Function called by function	1	
Correct looping	1	
Correct calculations	4	
Correct transfer of info in and out of functions	2	
Output matches lab document	2	
Total	**26**	

Comments:

Name: Intro to Programming I
Block:

Lab 13 – Stars

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Builds	1	
Submitted on time	7	
Uses appropriate variable names/types	1	
Separate function for each pattern	2	
Patterns work correctly for any size grid	4	
For each pattern:		
Efficient use of nested loops	4	
Correctly displays pattern	8	
Total	**28**	

Comments:

Name: Intro to Programming I
Block:

Lab 14 – Mini Golf

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Builds	1	
Submitted on time	7	
Uses appropriate variable names/types	1	
At least three functions	3	
Correct declaration of array	2	
Correct use of for loops to read in/out array values	4	
Correct calculation of total score	3	
Correct calculation of holes-in-one	3	
Uses setw command for display	1	
Output matches lab document	2	
Total	**28**	

Comments:

Name: Intro to Programming I
Block:

Lab 15 – Stats with Arrays

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Builds	1	
Submitted on time	7	
Uses appropriate variable names/types	1	
Correct declaration of array	2	
Correct use of for loops to read in/out array values	4	
Correct minimum	2	
Correct maximum	2	
Correct average	2	
Correct standard deviation	2	
Output matches lab document	2	
Total	**26**	

Comments:

Name: Intro to Programming I
Block:

Lab 16 – Mastermind

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Builds	1	
Submitted on time	7	
Uses appropriate variable names/types	1	
At least 2 functions	2	
Correct use of the rand function	3	
Correctly uses arrays/vectors	3	
Correct use of for loops to read in array values	2	
Correct calculations of location and number (not counted twice)	6	
Correct looping until game over	2	
Total	**28**	

Comments:

Name: Intro to Programming I
Block:

Lab 17 – Adding Arrays

Requirement	Possible Points	Points Earned
Header filled in (name, etc.)	1	
Builds	1	
Submitted on time	7	
Uses appropriate variable names/types	1	
At least three functions	3	
Correct use of string to read in large numbers	2	
Correct conversion into vector	4	
Correct addition	5	
Displays result appropriately (no leading zeros)	2	
Correct looping to run 4 times	2	
Total	**28**	

Comments: