

CIS 116 Credit by Examination Form (via CIS 300)

Approval is required for students who feel that they have enough programming experience and wish to skip CIS 116 and enroll directly in CIS 300. To get credit by department exam for CIS 116 via CIS 300:

- The student can not have already taken CIS 116 at Kansas State University.
- The student must have equivalent credit for CIS 200
- The student must earn an "A" or "B" in CIS 300 at Kansas State University. This grade earned will then be assigned for CIS 116. The student may alternatively indicate to receive "CR" for CIS 116.
- If the student gets a "C" in CIS 300, the student will earn "CR" for CIS 116.
- If the student gets **less than** a "C" in CIS 300, they will **not** earn credit for CIS 116.

By signing this form, the student acknowledges that they are familiar with the course topics checked below and agree to the terms listed above. By signing, the student also acknowledges that they are expected to be familiar with topics not known (left unchecked below) when taking CIS 300. Signed consent from both the CIS 116 and CIS 300 faculty, in addition to the student's primary advisor, is required.

Student Name (Please Print): _____

WID: _____ **Semester enrolling in CIS 300:** _____

Topics Covered in CIS 116: (Check those you are familiar with)

Installing a programming language	Iteration (loops)
Variables and their usage in programs	Functions, including parameters/ arguments and return values
Basic math in programming	
User input and output	Lists
Boolean operations	Dictionaries
Conditional (if) statements	Basic classes and objects

Topics Covered in CIS 200: (Check those you are familiar with)

Compiling and Running a Program from the Command Line	Reading from and writing to text files
Using an IDE (Eclipse, VS Code, etc.)	Use of Command Line Arguments
Variables and operations	Methods (Prebuilt and Programmer-defined)
Console Input/Output	Classes and Objects / Multi-class Applications
GUI Input/Output	Overloaded Methods and Constructors
Conditional (if) statements	Program design (MVC: Model-View-Controller)
Loops (while, do-while, for)	Exception Handling
Arrays (Static only)	Collection Classes (ArrayList, TreeSets, HashMaps)
Strings / String Methods	Recursion
	C# Basics / Using Visual Studio

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Email or drop off completed form at the Computer Science office.

Student

Date

Advisor

Date

CIS 116 Faculty

Date

CIS 300 Faculty

Date

For Office Use Only

Completed Form Received On