# Syllabus 2024 Fall

# CS 470/CS 570 (all sections) : Programming Languages

(Anyone who has completed CS 470 at Indiana State University, cannot take CS 570 for credit)

# CREDITS: 3

# General Information

## Contact Your Instructor

 **Name:** R.B.Abhyankar

**Email:** RB.Abhyankar@indstate.edu

**Office:** TC Room 301K

The best way to contact me is via my email address.

## Lecture , Exam, Office Hours

Lecture: 9:30 a.m. to 10:45 a.m. TR

**Final Exam:** Details will be provided later.

**Instructor Office Hours: 8:00 a.m. to 9:00 a.m. MWF**

Please call: 812-299-5177. After contact via phone, a Zoom session can also be initiated, if needed:

Zoom: <https://indstate-edu.zoom.us/j/8592537863>

Email: RB.Abhyankar@indstate.edu

**Website**: There is a CANVAS Site for the course.

## Prerequisites

C or better in CS 201, or A- or better in CS 500.

## Required Textbooks: None

**Course Announcements**

You should regularly visit the CANVAS site for the course, and check for assignments, and other announcements.

# Course Description

# (from the ISU catalog)

An introduction to programming in a wide variety of programming languages and paradigms. Paradigms include: imperative/procedural, object-oriented, functional, logic, concurrent . A focus is placed on obtaining basic proficiency in many languages. Also considered are the syntax and semantics of programming languages.

# Learning Outcomes

After completing the course, the student should be able to explain and utilize Programming Paradigms.

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# Grading and Assignments

Late submission of work may not earn full credit.

DISTRIBUTION OF POINTS

 Assignments: 60 %

 Quizzes: 20 %

 Final Exam: 20 %

Tentative Schedule (Subject to Change)

 Weeks 0-3: Introduction, Logic Programming/Prolog

 Weeks 4-7: Functional Programming / Haskell

 Weeks 8-9: Object Oriented Programming / Smalltalk

 Weeks 10-11: Concurrent Programming /Smalltalk/Erlang

 Weeks 12-13: Rule Based Programming/CLIPS, Answer Set Programming/CLINGO

## CS Course Policies

Note that this course follows all standard CS course policies. In particular check the CS course policies related to - cheating/plagiarism, attendance, missing exams. See <http://cs.indstate.edu/info/policies.html> for details.

## Late Homeworks/ Assignments

Late submission of assignments may not earn full credit due.

## Grade Cutoffs

GRADING SCALE:

Percentage Minimum Grade

95 and up A

90-94 A -

87-89 B +

84-86 B

80-83 B -

77-79 C +

74-76 C

70-73 C -

67-69 D +

64-66 D

60-63 D -

59 and below F

# CANVAS

The course has a CANVAS site.

**Americans with Disabilities Act (ADA) Statement:**

Indiana State University recognizes that students with disabilities may have special needs that must be met to give them equal access to college programs and facilities. If you need course adaptations or accommodations because of a disability, please contact us as soon as possible in a confidential setting either after class or in my office. All conversations regarding your disability will be kept in strict confidence.

Indiana State’s Accessibility & Advocacy Resources Office coordinates services for students with disabilities: documentation of a disability needs to be on file in that office before any accommodations can be provided. The Accessibility & Advocacy Resources Office is located at HMSU room 816. They can be contacted at 812-237-3829 or isu-aaro@indstate.edu. Appointments to discuss accommodations with the Accessibility Resources Office staff are encouraged.

Once a faculty member is notified by the Accessibility Resources Office that a student is qualified to receive academic accommodations, a faculty member is obligated to provide or allow a reasonable classroom accommodation under ADA.