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Fall 9-1-2000

### CS 204.01: C Programming

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*The University of Montana*

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**Computer Science 204, C Programming**  
**Fall 2000**

## **Course description and Syllabus**

**Instructor:** Ganesh Prabu

Office: 306 Social Science

Hours: 1:00 p.m. – 2:00 p.m. on Mondays, Wednesdays, Fridays

Feel free also to drop in to see if I am in my office or in the department

You can email me to make an appointment.

Phone: 243–2059

E-mail: [gprabu@cs.umd.edu](mailto:gprabu@cs.umd.edu)

**Prerequisites:**

CS 131 or 203 or consent of instructor.

**Required texts:**

**The C Programming Language** by Brian W. Kernighan, Dennis M. Ritchie Second edition (June 1988) Prentice Hall; ISBN: 0131103628

**Evaluation:**

- Readings as assigned with the homework.
- Homework exercises, handed out every week, due the next week. All or most of the homework will be programming, some of it may be by paper-and-pencil work.
- I will try to hand out answers and discuss each homework soon after it is due, so late homework will not normally be accepted.
- Two exams(20% each).
- A final examination. (The final exam is comprehensive, 35% of the final grade).

**Grading plan:**

Weekly homework: 25%

Exams: 75%

**Syllabus:**

Introduction to “C”

Basic “C” concepts

Data types, Operators and Expressions.

Branching and Control

Program Structure.

Arrays and Pointers

Structures

Files Input and Output

Using Standard Libraries

Unix System Interface.

**Additional Information:**

- All homework is to be submitted at the beginning of class on the due date.
- Late homework will not be accepted.

You will have approximately 12 assignments this semester. You will have approximately two mid-term exams and one final exam.