Course Syllabus
Southeast Missouri State University

Department of Industrial Technology  Course No: MN-260

Title of Course  Technical Computer Programming Applications
Revision:  Fall 1999

Instructor:  Dr. Raj Desai
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I.  Catalog Description and Credit Hours of Course:
This course will focus on high level programming languages and their applications in industrial and engineering technology. The student will learn the basics of programming using these languages.
3 credit hours (2 hours lecture + 2 hours lab)

II.  Prerequisite:
IM 102 Technical Communications or consent of Instructor

III.  Purposes of the Course:
Upon completion of this course, the students should be able to:

A.  Have a basic understanding of programming fundamentals.
B.  Understand program control statements.
C.  Work with high level programs.
D.  Build applications using Arrays and Strings.

IV  Expectations of Students:

A.  Students will be expected to attend class regularly and be responsible for all information presented in class.
B.  Students will be expected to participate and contribute to the class as appropriate.
C.  Students will be expected to perform satisfactorily on all written/lab assignments. (No credit for late work and no handwritten assignments).
D.  Students will be expected to take all examinations on assigned dates.
V. **Course Content:**

   A. Introduction to Programming  
      Chapters 1-3  
      1-5  
   B. Programming languages  
      Chapters 4-6  
      6-10  
   C. Programming Applications  
      Chapters 7-10  
      11-16  

VI. **Textbook:**


VII. **Basis For Student Evaluation:**

   Students will be evaluated based on the following basis.
   
   A. Written Exams (Midterm and Final) 50%
   B. Classwork/Homework / Lab Assignments 50%
   
   Letter grades will be based on the following criteria:
   
   90 -100 = A  
   80 - 89 = B  
   70 - 79 = C  
   60 - 69 = D  
   Below 60% = F  

   (Items in syllabus subject to change at discretion of Instructor)

VIII. **Lab Fees:** There is a $10.00 lab fee for this course to cover the cost of computer paper and reproduction costs for the handouts provided by the instructor.

IX. **Disabilities Statement:** If you have special needs addressed by the Americans with Disabilities Act and need course materials in an alternative format, notify your course instructor immediately. Reasonable efforts will be made to accommodate your special needs.