J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: ITP 100

Lecture 3 hours per week.

General Course Purpose :   This
using both structured programmin
Students will use pseudocode, flov
programming language will NOT b

Course Prereq uisites and Co -re
None

Student Learning Outcomes   :
Upon completing the course, the s
a. Identify programming terminolo
b. Describe the structured design
c. Illustrate structured design usir
    flowcharts);
d. Design the core concepts of ob
e. Understand and design an eve
f. Understand system modeling u

Major Topics to B e Included :
    a. Introduction to Computers a
    b. Decision Structures
    c. Repetition Structures
    d. Arrays
    e. File Handling
    f. Modulation Techniques
    g. Object-Oriented Programm
    h. GUI Applications
    i. Unified Modeling Language

Date Created/Updated (Month, Da