# OBJECT-ORIENTED DESIGN

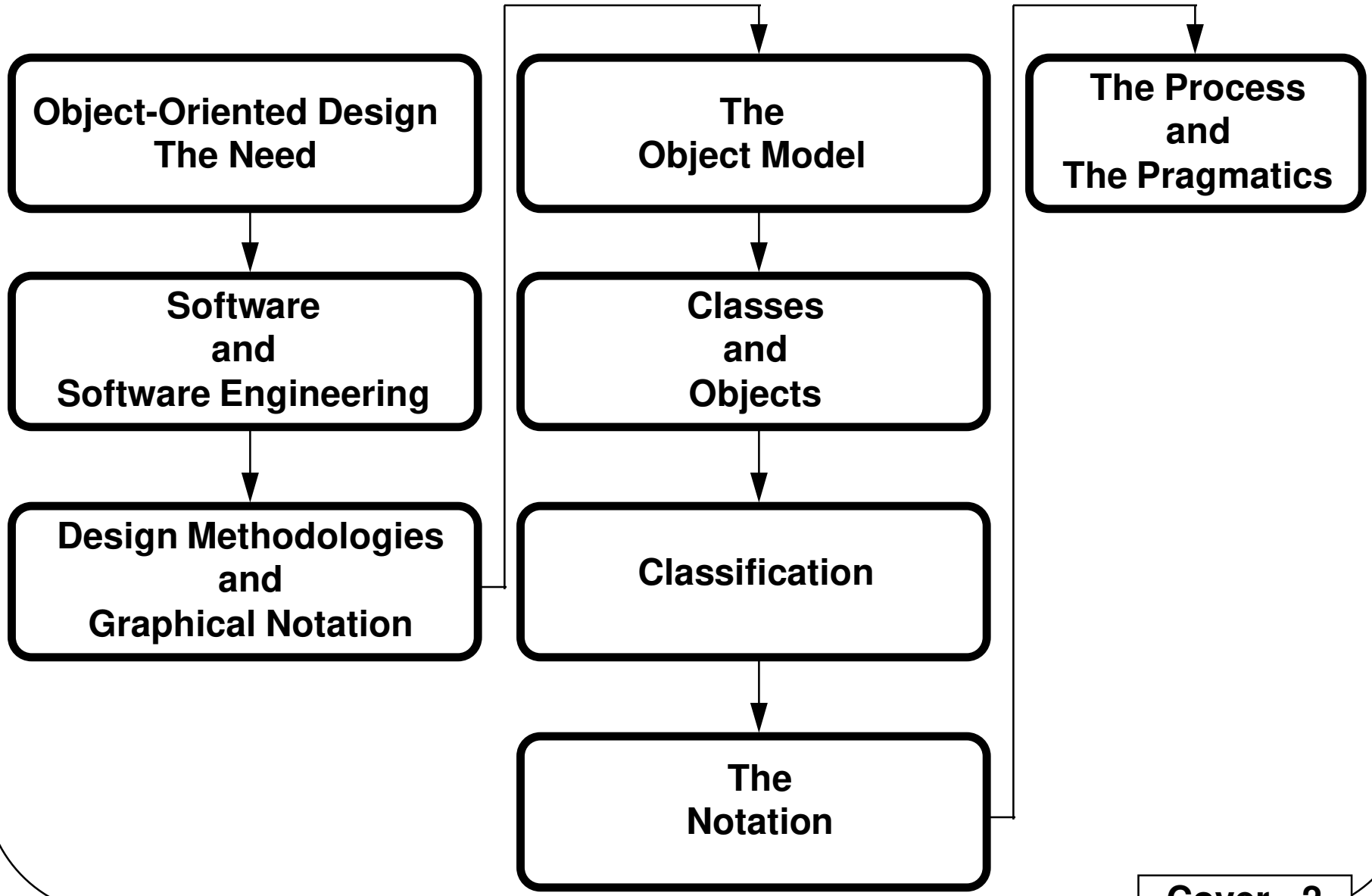
**Course Number 20-260-634-901**

**University of Cincinnati**
**Department of Electrical and Computer Engineering**
**Cincinnati, Ohio**

**January, 1992**

**Course Prepared by Richard Conn**

# COURSE ROADMAP



# COURSE SCHEDULE

| *Module* | *Title* | *Dates* |
|---|---|---|
| Need | Object-Oriented Design - The Need | Jan 11 |
| 1 | Software and Software Engineering | Jan 11, Jan 18 |
| 2 | Design Methodologies and Graphical Notation | Jan 25 |
| 3 | The Object Model | Feb 1, Feb 8 |
| | *Midterm Exam* | Feb 15 |
| 4 | Classes and Objects | Feb 15, Feb 22 |
| 5 | Classification | Feb 29 |
| 6 | The Notation | Mar 7 |
| 7 | The Process and the Pragmatics | Mar 7, Mar 14 |
| | *Comprehensive Final Exam* | Mar 21 |

**All Classes and Exams are in Baldwin 544, 9:20-12:00AM, Saturdays**

# COURSE MATERIALS

- ☆ **Course Notes**
  - ✓ **Cover -- Roadmap, Schedule, Materials List, Grading**
  - ✓ **Lesson Plan and Student Workbook**
  - ✓ **Lecture Notes**
- ☆ **Text: Grady Booch, *Object-Oriented Design with Applications*, Benjamin/Cummings Publishing Company, 1991, ISBN 0-8053-0091-0**

# GRADING

| *Point Totals* | |
|---|---|
| *A=90-100, B=80-89, etc.* | |
| Assignments | 50 |
| Papers | 30 |
| Exams | 20 |
| *Total* | 100 |
| *Total Possible* | 115 |

- ☆ Class Attendance
  - ✓ 75% Required to Pass Course (negotiable)
- ☆ Homework Assignments and Exams
  - ✓ 5 Assignments, 2 Exams, Points: 10 Each
- ☆ Papers
  - ✓ Four Grades:

    Not Acceptable - Paper Does Not Meet Minimum Quality Level

    Susceptable to Being Made Acceptable - Paper Could be Improved

    Acceptable - Paper is Satisfactory

    Exceptional - Paper is Above and Beyond the Call
  - ✓ 3 Papers, Points: NA=0, SA=5, A=10, E=15 Each
- ☆ Late Homework Assignments and Papers: -10%