# 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**

Cover - 1

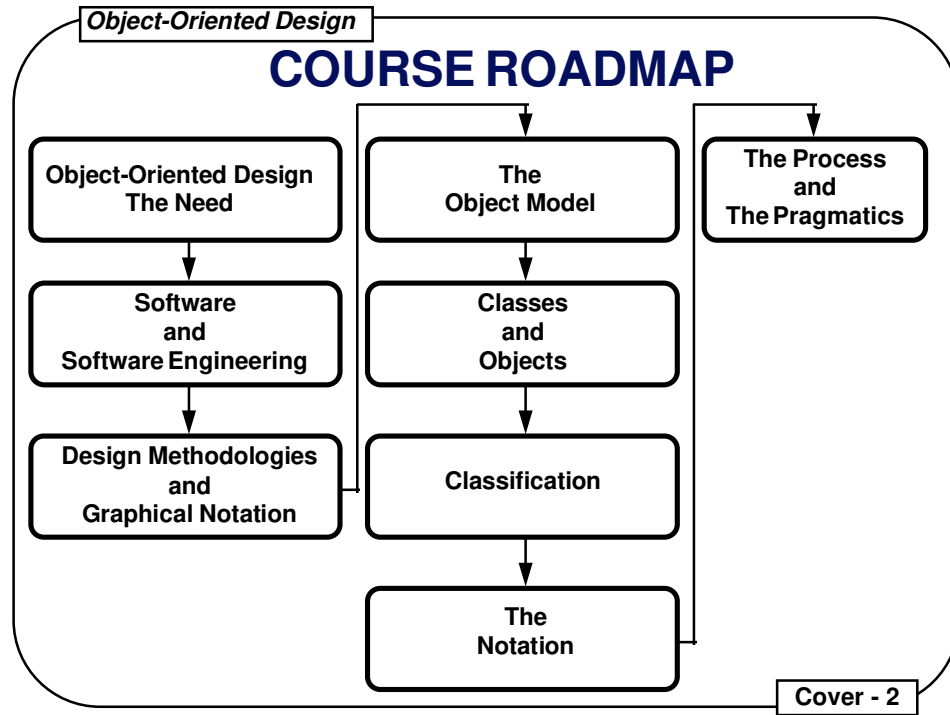# THESE COURSE NOTES OWNED BY

**Student Name:**

**Phone:**

**Electronic Mail Address:**

# INSTRUCTOR

**Instructor Name:  Richard Conn**

**Phone:  774-5491**

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# COURSE ROADMAP

| | | |
|---|---|---|
| **Object-Oriented Design The Need** | **The Object Model** | **The Process and The Pragmatics** |
| **Software and Software Engineering** | **Classes and Objects** | |
| **Design Methodologies and Graphical Notation** | **Classification** | |
| | **The Notation** | |

# 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%**