

# **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**

**Object-Oriented Design  
The Need**



**Software  
and  
Software Engineering**



**Design Methodologies  
and  
Graphical Notation**

**The  
Object Model**



**Classes  
and  
Objects**



**Classification**



**The  
Notation**

**The Process  
and  
The Pragmatics**

# **COURSE SCHEDULE**

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

**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

★ **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%**

***Point Totals***

***A=90-100, B=80-89, etc.***

**Assignments 50**

**Papers 30**

**Exams 20**

***Total* 100**

***Total Possible* 115**