

OBJECT-ORIENTED DESIGN

Course Number 20-260-634-901

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

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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

<i>Module</i>	<i>Title</i>	<i>Dates</i>
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
	<i>Midterm Exam</i>	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
	<i>Comprehensive Final Exam</i>	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

- ★ **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%**

<i>Point Totals</i>	
<i>A=90-100, B=80-89, etc.</i>	
Assignments	50
Papers	30
Exams	20
Total	100
Total Possible	115