

Course Number: CIS 4930-4

Course Title: Component Level Programming

Professor: Peter M. Maurer

Text: Szyperski, Component Software, Beyond Object-Oriented Programming

Prerequisites: Knowledge of C++ and Object Oriented Programming

Classroom: EMA 100 (YUCK!)

Meeting Times: 3:30-4:45 TR

Office Hours: T: 2:00-3:00, W 2:00-3:00 – I have an open-door policy. You may come and see me any time I am in my office.

Grading: Three Exams 25% each, Nine Programs 25% total. (120 total points for programs prorated to 25% of your final grade.)

Class Meetings:

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|------------|---------------------------|---------------------------|
| 1. Aug 29 | Introduction | |
| 2. Aug 31 | Visual Basic and Controls | |
| 3. Sep 5 | Visual Basic and Controls | Hello World due 10pts |
| 4. Sep 7 | IE and Controls | |
| 5. Sep 12 | IE and Controls | Properties due 10pts |
| 6. Sep 14 | Other Containers | |
| 7. Sep 19 | ActiveX Programming MFC | Methods due 10pts |
| 8. Sep 21 | ActiveX Programming MFC | |
| 9. Sep 26 | Review | |
| 10. Sep 28 | EXAM 1 | |
| 11. Oct 3 | ActiveX Programming MFC | Events due 10pts |
| 12. Oct 5 | ActiveX Programming MFC | |
| 13. Oct 10 | ActiveX Programming ATL | Property Sheets due 10pts |
| 14. Oct 12 | ActiveX Programming ATL | |
| 15. Oct 17 | ActiveX Programming ATL | Animation due 10pts |
| 16. Oct 19 | Principles COM/DCOM | |
| 17. Oct 24 | Principles COM/DCOM | |
| 18. Oct 26 | Principles COM/DCOM | |
| 19. Oct 31 | Principles CORBA | Roll the dice due 20pts |
| 20. Nov 2 | Review | |
| 21. Nov 7 | EXAM 2 | |
| 22. Nov 9 | Principles CORBA | |
| 23. Nov 14 | Principles CORBA | |
| 24. Nov 16 | Principles JAVA | Peg-Board due 20pts |
| 25. Nov 21 | Principles JAVA | |
| 26. Nov 28 | Principles JAVA | |
| 27. Nov 30 | The Future | |
| 28. Dec 5 | Review | User-Choice due 20pts |
| 29. Dec 7 | EXAM 3 | |