

# ENGR. 8893 - Concurrent Programming

## Course Information Sheet

Memorial University of Newfoundland

Winter, 2004

**Instructor** Dennis Peters, [dpeters@engr.mun.ca](mailto:dpeters@engr.mun.ca), EN-3061, 737-8929.

**Lectures** Tuesday, Thursday 1030–1145, EN1000.

**Tutorial** None scheduled. We can find a suitable time as needed.

**Office hour** Wednesday 1400–1500, or by appointment. As usual, you're welcome to try my office any time, but I don't promise to be able to help you outside of the office hour. E-mail always works, but response times will vary.

**Web page** <http://www.engr.mun.ca/~dpeters/8893/>  
—check here for useful information.

## Textbook

- [1] Gregory R. Andrews. *Foundations of Multithreaded, Parallel, and Distributed Programming*. Addison-Wesley, 2000.

## References

[6] and [7] are texts that you've used in previous courses which both contain sections on parallel computing. The rest are useful alternatives/supplements to the course text.

- [1] M. Ben-Ari. *Principles of Concurrent and Distributed Programming*. Prentice-Hall, 1990.
- [2] Hassan Gomaa. *Designing Concurrent, Distributed, and Real-Time Applications with UML*. Addison-Wesley, 2000.
- [3] Vipin Kumar, Ananth Grama, Anshul Gupta, and George Karypis. *Introduction To Parallel Computing : Design and Analysis of Parallel Algorithms*. Benjamin/Cummings, 1994.

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- [4] Harold W. Lawson. *Parallel Processing in Industrial Real-Time Applications*. Prentice-Hall, 1992.
- [5] Jeff Magee and Jeff Kramer. *Concurrency - State Models and Java Programs*. John Wiley & Sons, 1999.
- [6] David A. Patterson and John L. Hennessy. *Computer Architecture: A Quantitative Approach*. Morgan Kaufmann, second edition, 1996.
- [7] Abraham Silberschatz and Peter B. Galvin. *Operating System Concepts*. Addison-Wesley, fourth edition, 1994.

## Evaluation Scheme & Due Dates

<b>Assignments 1–3</b>	10%	Feb. 3, Feb. 17, Mar. 9
<b>Assignment 4</b>	10%	Apr. 6
<b>Mid-term</b>	25%	Feb. 19
<b>Final exam</b>	55%	

## Other Info.

- Assignments are due by 8:55 am on the due date. Late assignments will not be accepted without prior arrangement or documented justification.
- Calculators will not be permitted to be used in the mid-term or final exam.
- Any complaints about marks, addition, recording etc., or special circumstances (e.g., illness, bereavement) must be brought to my attention before the final exam. No reconsideration of marks other than the final exam will be made after the exam has been written.
- Academic dishonesty will, as a minimum result in a grade of zero for the offending work, and may be reported to the Dean for treatment through the prescribed formal process. Academic dishonesty includes copying, allowing your work to be copied, and failing to cite sources.
- Asking questions is strongly encouraged.
- Comments, suggestions and constructive criticisms are always welcome.