

# Mathematical Models and Problem Solving

## Winter Semester, 2008

<u>INSTRUCTOR:</u>	Dr. David Buhl	
<u>CLASS:</u>	M, W, TH, F 10:00 – 11:00 LRC 108	
<u>TEXT:</u>	Cryptological Mathematics	
<u>OFFICE:</u>	West Science 3505	PHONE: 227-2089
<u>EMAIL:</u>	dbuhl@nmu.edu	
<u>OFFICE HOURS:</u>	9:00 - 10:00 M, W, TR Or by appointment (contact via email or phone)	
<u>EVALUATION:</u> (TENTATIVE)	Chapter 1 -	100 pts
	Chapter 2-	100 pts
	Chapter 3 -	100 pts
	Chapter 4-	100 pts

Course description: This course will introduce students to problem solving through the study of cryptography. Mathematics content covered in the course includes elementary number theory, congruent modulo, probability and statistics, and linear algebra. The course will extensively use technology in the various facets of cryptanalysis.

### **Disability Services**

If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office by: coming into the office at 2001 C. B. Hedgcock; calling 227-1700; or e-mailing [disserv@nmu.edu](mailto:disserv@nmu.edu). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines