

# MATH 253

## Today

1. 4.1 Determinants (Understand the definition and computation of determinants.)
2. WeBWorK

### Where is today's material used?

1. Physics (Cross product, ?)
2. Math (change of variables in multiple integrals, nonsingularity of matrices, volume of a parallelepiped, Cramer's Rule, ...)

## Next Time

1. 4.2 More on determinants, 4.3 Cramer's Rule