

**Final Exam** is Sat, June 8, 5:00-7:50pm

Kane 130

BA, BB, BC, BD, CA, CB on main floor

CC and CD in Balcony

Eight pages covers everything (expect two pages on Taylor Polynomials/Series)

1. Bring some form of photo ID. Also know your quiz section.
2. Final grades will be posted by Friday of next week. You can pick up your final next quarter.
3. Allowed:
  - (a) One 8.5 by 11 inch sheet of handwritten notes (front/back)
  - (b) Ti-30x IIS calculator (this model only)

#### 4. **Coverage**

Ch. 12: 3D Basics (vector facts, lines, planes, basic surfaces, ...)

Ch 13: 3D Curves (accel/vel/position, tangent vector, unit tangent, tangent line, normal vector, curvature, ...)

Ch 14/15: 3D Surfaces (traces, partial deriv, max/min, double integrals, ...)

TN: Taylor Polynomials and Series (use deriv. to find Taylor Poly., error bounds, Taylor series patterns, ...)