TEST OUTLINE

Book: §3-2 Vectors in a Plane

§3-3 Relative Velocities

§5-2 Newton's Second Law
(forces in 2D - p172-175)

§10-1 Using Vector Components to Analyze Motion

You need to know:

- drawing vector diagrams (head to tail + resultant)
- components of vectors
- relative motion
- forces at angles
  - side on view
  - birds eye view
- incline problems
- subtraction of vectors

FBD, Newton's 2nd Law ($\vec{F}_{net} = m\vec{a}$)

an x-y chart is useful when adding 3 or more vectors.

What should you do to study:

1. Be sure all PP are done
2. recommended review questions
3. Look at previous NSEs
4. McGraw-Hill Quizzes.