Final Examination

- The final exam covers chapter 15 and chapter 16 in the textbook as well as my handwritten notes.

- You should understand well the examples discussed in class and the assignments (except the optional ones).

- The emphasis is on 15.8 and chapter 16.

- You may skip the discussions concerning center of mass, moments, exact differential forms (in 16.3) and implicit surfaces (in 16.5).

- You may also exclude the physical meanings of curl, divergence, etc, and the continuity equation (in 16.8).

- Proofs of Green's, Stokes' and the Divergence theorem are not included.