Topics for the second midterm

The second midterm will cover the material of Sections 2.1, 2.2, 2.3, 2.4, 3.1, 3.2, 3.3, 3.4 and Exercise 3.5.1, Theorem 3.5.2 in the book **except** the following: ruled surfaces and developable surfaces, the derivative of a map and Examples and Exercises (and Theorem and Proposition) 2.1.2, 2.1.24, 2.1.25, 2.2.4, 2.3.7, 2.3.8, 3.1.8.

Please also review the proofs in the material above. Some of them will be on the midterm. For the test it will not matter which version of a proof you present, as long as the arguments are correct.