

- (b) Tangent bundle (Tu chap. 12)
 - (c) Bump functions (Tu chap. 13)
 - (d) Vector fields (Tu chap. 14)
4. Assignment 4, due Thurs March 25, 2021:
Differential forms (Tu chaps. 17, 18, 19)
 5. Assignment 5, due Thurs April 8, 2021:
Integration and Stokes' theorem (Tu chaps. 21, 22,23)

Marking scheme:

5 Assignments 75 %

Written report or oral presentation on a topic chosen from a list of suggestions, 25 %

Although you may work together and ask questions about the assignments, the work you hand in must be written up in your own words.