

Reference for the course :

Manfredo P. Do Carmo, Differential Geometry of  
Curves and Surfaces.

Prentice Hall 1976 (1<sup>st</sup> edition)

|          |   |                |                        |             |
|----------|---|----------------|------------------------|-------------|
| " Curves | { | Lektion 1-3 :  | p. 1-16                | in the book |
|          |   | Lektion 4-6 :  | p. 16-30               | -11-        |
|          |   | Lektion 7-10 : | p. 30-50               | -11-        |
|          |   |                | + " Appendix p.309-314 | "           |

|            |   |                 |                      |   |
|------------|---|-----------------|----------------------|---|
| " Surfaces | { | Lektion 11-22 : | "                    |   |
|            |   | p. 51-101       | " basic concepts ,   |   |
|            |   | p. 134-174      | " Gauß map ,         |   |
|            |   | p. 217-231      | " intrinsic geometry | " |