



**FEDERAL UNIVERSITY OF SÃO CARLOS  
CENTER OF BIOLOGICAL AND HEALTH SCIENCES  
GRADUATE PROGRAM IN PHYSICAL THERAPY**

**Concentration: Physical Therapy and Functional Performance**

**Via Washington Luís, Km 235 – São Carlos, SP 13.565- 905**

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**COURSE: FIT-525 Topics in Functional Analysis of Normal and Pathologic  
Conditions of the Synovial Joint**

**Credits: 6**

**Course load: 90hrs.**

**Instructor: Stella Márcia Mattiello G. Rosa, Ph.D.**

**Course Overview:**

- Morphological analysis of tissues and fluids of the synovial joint.
- Topics related to joint tissue degeneration and repair.
- Update about cellular and molecular biology techniques to analyze joint tissues and synovial fluid.
- Update about tools to quantify joint function/movement.

**Course Materials:**

1. Recent articles of interest to the field and works in progress under the supervision of the instructor responsible for this course.