

OUTLINE

MODULE 4: SKELETAL BIOLOGY & QUANTITATIVE COMPOSITION

Reading Material

Chapter 2. Skeletal biology. In: Martin RB, Burr DB, Sharkey NA. Skeletal tissue mechanics. Springer-Verlag 1998.*

Topics

- 2.1 Introduction
- 2.2 The Shapes of Bones
- 2.3 Types of Bone Tissue
- 2.4 Composition of Bone
- 2.5 Bone Cells
- 2.6 Cartilage
- 2.7 Longitudinal Growth of Bones
- 2.8 Modeling and Remodeling of Bone
- 2.9 Fracture Healing
- 2.10 Summary and Further Reading

* Scans of chapter and bibliography provided on web site.