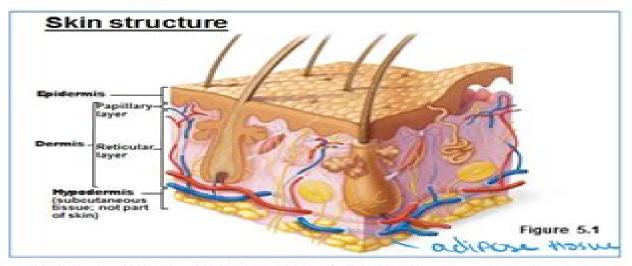
Handout: The Integumentary System Anatomy & Physiology I – Instructors

- The Integumentary System
 - The 'skin'
 - Also called integument meaning 'covering'
 - About 7% of total body weight in average adult
 - Varies in thickness from 1.5mm to 4.0mm or greater in some areas
- Skin (Integument)
 - Consists of two distinct regions
 - epidermis.
 - Superficial region
 - Epithelial tissue
 - denmis
 - Underlies epidermis.
 - Mostly fibrous connective tissue



Elaine N. Marieb and Katia Hoehn; HUMAN ANATOMY & PHYSIOLOGY, Ninth Edition; Pearson Education, Inc.; Boston, 2013.

- Hypodermis
 - Also called
 - subcutaneous layer
 - superficial fascia
 - Directly below the dermis and serves to connect the skin to the underlying fibrous tissue
 - Not part of skin but shares some functions
 - Consists mostly of adipose tissue and connective tissue, that absorbs shock & insulates
 - Thickens when a person gains weight

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