**HS 242 HUMAN ANATOMY: LEARNING EXERCISES SP 2023**

**Lab 1: Tissues: Epithelium**

|  |  |  |
| --- | --- | --- |
| ***Epithelial Type*** | ***Characteristics/Specializations*** | ***Locations in body*** |
|  | One-layer, flat cells |  |
| Simple Cuboidal |  |  |
|  |  | Small intestine |
| Keratinized Stratified Squamous |  |  |
|  | Multi-layered, moist |  |
|  |  | Bladder & urinary tract |

## integument: Connective Tissues

|  |  |  |
| --- | --- | --- |
| ***Connective Tissue Type*** | ***Characteristics*** | ***Location in body*** |
|  | Loose structure, lots of fat |  |
| Adipose |  |  |
| Dense Irregular |  |  |
|  |  | tendons |
| Hyaline Cartilage |  |  |
| Fibrocartilage |  |  |
|  |  | Ear & nose |
| Bone |  |  |

## Tissues: Muscle

|  |  |  |  |
| --- | --- | --- | --- |
| ***Muscle Tissue*** | ***Voluntary or Involuntary?*** | ***Location in body*** | ***Striated?*** |
|  | voluntary |  |  |
| Cardiac |  |  |  |
|  |  |  | no |

## INTEGUMENT: Layers

|  |  |  |  |
| --- | --- | --- | --- |
| ***Integument Layer*** | ***Superficial or Deep Layer?*** | ***Composed of what tissue type?*** | ***Vascular?*** |
|  | Superficial layer |  |  |
| Dermis |  |  | yes |
|  | Deepest layer |  |  |