**EES 113 Oceanography**

**Lab 8: Ocean Circulation**

**Vocabulary**

Density of seawater increases with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ temperature, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ salinity, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ depth

*Layers of the ocean*

Surface mixed zone

Transitional mixed zone

 Pycnocline

 Thermocline

Deep zone



Thermohaline circulation

*Surface currents*

Gyres

Ekman Transport

Upwelling/Downwelling

Atmospheric Circulation