# SENG4400 – Enterprise Architecture

Enterprise Architecture:

* Look at where the system sits and how it interacts with other systems.

To engineer you software you need to:

* Conform to an enterprise architecture
* Understand the environment
* Meet compliance and regulatory requirements

An enterprise architect oversees:

* Business architecture
* **Application architecture \***
* Information architecture
* **Technical infrastructure architecture \***
* Telecommunications architecture

\* The 2 main domains in which software engineers are most involved.

Policies:

* Guidelines for how software developers should work within a group (organization)
* Most large software developers have a set of policy documents
* Can be part of a larger “Best Practices” guide

Common points:

* Development Tools
* Coding Style Guidelines
* Accessibility and Branding
* Security and Compliance
* Deployment and Installation procedures
* Documentation requirements

Software Development Tools:

* Version control/source code repository
* IDEs

Coding Style: