# Training Syllabus (3/3/14 – 3/13/14)

**4 full days per week**

- Pipeline
  - Virtual Machines (Physical vs. virtual, when to use VM, installation, VM usage scenario, etc.)
  - Chef Scripting (setup environment, chef basics, writing chef recipes, extending recipes, running recipes)
  - Jenkins (usage within QA execution pipeline, installing Jenkins instance, installing plug-ins, create update/update delete jobs, creating build nodes)
  - Vagrant (understanding vagrant, create development environment, vagrant as a chef dev tool)
- Build Engineer
  - Maven/Gradle (pom files, settings files, build.gradle, gradle properties)
  - Nexus (dependency management, 3rd party artifacts, In-house artifacts, snapshots & releases)
- QA & Build
  - Integrity integration & SoapUI (automating SOAP UI results into Integrity)
- Development
  - Java Part 1
  - Java Part 2
  - .Net
  - Unit testing (create app, create unit tests, show results)
  - Annotations (add special annotations for unit testing reports to Integrity)