**EDM1142 – LAB 1**

* **Software engineering is not part of the systems engineering process.**

**Systems engineering can be employed for software engineering. There are software programs that assist in the systems engineering procedure and in the documentation of results.**

**Software engineers focus solely on software components while system engineering deals with a substantial amount of physical component of computers.**

**Software engineering highly focuses on implementing quality software while system engineering is highly concerned about the users and domains.**

* **Software crisis is a mismatch between what software can deliver and the capacities of computer softwares, as well as the expectation of its users. An example of the software crisis the production of the os/360 system.**

**- A software engineer is responsible for improving system quality by identifying issues and common patterns and developing standard operating procedures.**

**- They are responsible for improving operations by conducting system analysis, recommending changes in policies and procedures.**

**- Develop software verification plans and quality assurance procedures.**

**- Integrate software components into a fully functional software system.**

**- Protect operations by keeping information confidential.**

* **Component based software engineering allows faster delivery due to using previously tested components they produce more reliable system at a faster rates.**

**NAME: NJEI PERRY LANDRY AWONANG**

**SPECIALITY: SOFTWARE ENGINEERING 1**