Assessment Tasks & Evidence Descriptions

1. Modular Complex System Brief

Evidence that includes:

- ❏ Creation of a written document that details and describes a Modular Complex System that you intend to implement that must include:
- ❏ Purpose of the system
- ❏ Additional libraries the system will require
- ❏ Identification of whether the system is to be implemented as a redistributable static or dynamic linker library or as redistributable source code
- ❏ The mathematical operations used
- ❏ The advanced algorithms to be implemented
- ❏ Information on how the system should be integrated into an application
    - ❏ The system must be modular, being able to be added to various projects to serve its purpose
- ❏ Your teacher will advise you on your system and may provide you with example briefs or suggested systems to implement

2. Implement Modular Complex System

Evidence that includes:

- ❏ Modular Complex System implemented as per the specified brief
- ❏ Source code and assets for the system submitted for review and assessment
- ❏ Source code is free from compile and link errors
- ❏ If implemented as a redistributable static or dynamic linker library, library must also be submitted

3. Integrate Modular Complex System

Evidence that includes:

- ❏ An application that integrates and makes use of your Modular Complex System
- ❏ A written document detailing:
- ❏ ○ Issues encountered integrating the Modular Complex System
- ❏ ○ Performance of the system
- ❏ ○ Any required changes for the system to function as intended
- ❏ Application executable submitted than can run external to an IDE without errors
- ❏ Source code and assets submitted for review that contain no compile or link errors