Designs components or portions of systems and modifies existing designs to develop or improve products and facilitate manufacturing operations. Utilizes computer-aided design equipment and/or graphic tools such as CAD, CAM or CATIA. Gathers information, makes studies, computes calculations, and prepares original rough layouts and sketches to present design proposal. Coordinates design criteria with engineering, manufacturing, tooling, material and planning group; criteria include ease of manufacture, availability of materials, and contractual specifications. Excludes classifications in which incumbents predominantly perform drafting assignments.

Knowledge

Little or no knowledge of the job. Moderate understanding of general job aspects and some understanding of the detailed aspects of the job.

Supervision Received

Close supervision involving detailed instructions and constant checking on work performance.

Consequences of Errors

Errors can be easily and quickly detected within the immediate work unit and would result only in minor disruption or expense to correct.

Contacts

Contacts are primarily within immediate work unit. Contacts involve obtaining or providing information requiring little explanation or interpretation.

Minimum Education and Experience

Entry Level. 0+ years of directly related experience with a Bachelor's Degree in Finance, Business or a related field. Basic MS Word, PowerPoint and Excel skills.