**Key Terms Review**

**CNC 1**

Subtractive Processes

NC

CAD to CAM

Three steps in CAM

Post Processor

Solid Model

2D Toolpaths

2.5D Toolpaths

3D Toolpaths

4-axis Toolpaths

5-axis Toolpaths

Undercuts

Setup

Toolpath

Simulate

Stepdown

Stepover

Facing toolpath

Contour toolpath

Pocket toolpath

3D Toolpath: Roughing

3D Toolpath: Finishing

REST machining

Adaptive machining

HSM

Flat nose end mill

Ball nose end mill

Bull nose end mill

Chamfer end mill

Center cutting end mill

Non-center cutting end mill

Face mill

Spot drill

Twist drill

Form taps/Roll taps

Cutting taps

Rotation Direction

Chip Load

Climb Milling

Conventional Milling

Spindle Speed

Feed Rate

Rapid Speed

Right Hand Rule

Machine Coordinate System

Work Coordinate System

Tool Length Offsets

Fixture Offsets

**CNC 2**

Open Pocket

Spot drill rule

Depth to diameter ratio

Deep drilling

Optimal Load

Part comparison

Bore

**CNC 3**

Generate toolpath (all)

REST machining

Empty toolpath

Clamp distance

Minimum part stick out

Machining notes

Default folder

Overhangs

Simulation crash

Maximum depth of cut during facing milling

Irregular stock

Setup: Relative size box

Setup: Program name/number

Chamfer toolpaths

Chamfer width

Chamfer tip offset

3D model machined

Setup sheets

Post process