Washington Corrections Center for Women
Mission Creek Corrections Center for Women
TACOMA COMMUNITY COLLEGE

Course Code	Outcome Title	Outcome Description
CATT 099	CLO 1	Describe and use basic terms, concepts, and techniques of board drafting.
CATT 099	CLO 2	Prepare drafting station and use drawing aids.
CATT 099	CLO 3	Draw lines, basic shapes, geometric constructions and edit drawings.
CATT 099	CLO 4	Identify multiple line types and line weights.
CATT 099	CLO 5	Create a multi-view plan drawing of an object.
CATT 099	CLO 6	Place text on drawings.
CATT 099	CLO 7	Construct dimension objects that will convey all aspects of the object.
CATT 099	CLO 8	Select views to create hatch patterns for displaying section views.
CATT 099	CLO 9	Use proper drafting standards and practices.
CATT 099	CLO 10	Use proper sketching techniques.
CATT 099	CLO 11	Analyze and problem-solve an assigned project.
CATT 099	CLO 12	Lay out parts and drawings clearly and accurately.
CATT 099	CLO 13	Express ideas using proper drafting techniques and skills.
CATT 100	CLO 1	Describe and use the basic terms, concepts, and techniques of drafting and print reading.
CATT 100	CLO 2	Recognize the proper layout drawings, use drawing aids, and organize drawings.
CATT 100	CLO 3	Create lines, symbols and notation used to edit drawings.
CATT 100	CLO 4	Read multi-view blueprint layouts.
CATT 100	CLO 5	Find text in drawings.
CATT 100	CLO 6	Recognize hatch patterns in section views.
CATT 100	CLO 7	Recognize proper drafting standards and practices, revisions, and upgrades to prints.
CATT 100	CLO 8	Articulate the differences in prints for different trades.
CATT 100	CLO 9	Recognize the different scales used in blueprints for measurements.

CATT 100	CLO 10	Read heights and elevations for walls, doors, windows, rafters, and stair layouts.
CATT 100	CLO 11	Interpret structural aspects of building plan blueprints.
CATT 100	CLO 12	Analyze project development.
CATT 101	CLO 1	Use the AutoCAD software, keyboard, and mouse to input drafting geometry into CAD drawing.
CATT 101	CLO 2	Use the basic terms, concepts, and techniques of computer-aided drafting.
CATT 101	CLO 3	Set up drawings, use drawing aids, save drawings, find drawings, edit drawings.
CATT 101	CLO 4	Draw lines, basic shapes, and geometric constructions.
CATT 101	CLO 5	Create multi-view layouts and plot or print drawings.
CATT 101	CLO 6	Use dislpay options to increase drawing flexibility.
CATT 101	CLO 7	Place text on drawings.
CATT 101	CLO 8	Use the geometry calculator and filters.
CATT 101	CLO 9	Use basic AutoCAD editing commands.
CATT 101	CLO 10	Select and create hatch patterns to draw section views.
CATT 101	CLO 11	Obtain information about drawings and work with drawing files.
CATT 101	CLO 12	Use Windows Explorer to arrange folders for files and programs and perform file management tasks.
CATT 102	CLO 1	Create a polyline boundary.
CATT 102	CLO 2	Edit multiline intersections, corners, and vertices.
CATT 102	CLO 3	Identify a point location.
CATT 102	CLO 4	Find the distance between two points.
CATT 102	CLO 5	Display object properties in a drawing using fields
CATT 102	CLO 6	List data related to a single point, an object, a group of objects or an entire drawing.
CATT 102	CLO 7	Determine the amount of time spent in a drawing session.

CATT 102	CLO 8	Determine the status of drawing parameters.
CATT 102	CLO 9	Perform basic and advanced mathematical calculations.
CATT 102	CLO 10	Describe common dimension standards and practices.
CATT 102	CLO 11	Manage dimension scales using manual and annotative methods.
CATT 102	CLO 12	Create and manage dimension styles.
CATT 102	CLO 13	Use alternate dimensioning practices.
CATT 102	CLO 14	Apply the properties of one dimension to other dimensions.
CATT 102	CLO 15	Create and use dimension styles with various tolerance settings.
CATT 103	CLO 1	Define and maintain user-defined coordinate systems to aid in construction of 3D objects.
CATT 103	CLO 2	Create and use paper space layouts and model space viewports.
CATT 103	CLO 3	Extract two-dimensional views from a three-dimensional model for detail drafting.
CATT 103	CLO 4	Create and edit simple 2D regions and 3D solid models.
CATT 103	CLO 5	Create 3D surface models using a variety of techniques.
CATT 103	CLO 6	Use the geometry calculator and filters.
CATT 103	CLO 7	Use basic and advanced AutoCAD editing commands.
CATT 103	CLO 8	Identify the various types of surface meshes and applications for each.
CATT 103	CLO 9	Use a variety of 3D display techniques.
CATT 103	CLO 10	Generate 3D text and dimensions.
CATT 103	CLO 11	Render a 3D model with a variety of lights and materials.
CATT 105	CLO 1	Create production drawings to specific criteria.
CATT 105	CLO 2	Create production drawings for custom and stock furniture items.
CATT 105	CLO 3	Use intermediate AutoCAD toolbars, command lines, drop down menus, editing commands, file management.

CATT 105	CLO 4	Evaluate information provided through client text and sketches about drawings.
CATT 105	CLO 5	Make multi-view layouts for plotting and printing drawings using Soldraw layout method.
CATT 105	CLO 6	CreatE PDF files from drawings created in AutoCAD.
CATT 105	CLO 7	Use Windows Explorer to perform file management tasks.
CATT 106	CLO 1	Demonstrate use of the Inventor application, keyboard, and mouse to input drawing information into an AutoCAD workstation.
CATT 106	CLO 2	Describe and use the basic terms, concepts, and techniques of Inventor software.
CATT 106	CLO 3	Use appropriately the sketch mode and constraint aspects of Inventor.
CATT 106	CLO 4	Make multi-view layouts and plot or print drawings.
CATT 106	CLO 5	Differentiate between parametric and reference dimensioning.
CATT 106	CLO 6	Edit objects, move features, construct holes, annotate drawings and incorporate auto dimensioning.
CATT 106	CLO 7	Select and create Excel spreadsheets of the design variables.
CATT 106	CLO 8	Edit, annotate, copy, and delete drawings using proper drafting standards and practices.
CATT 106	CLO 9	Create threads, springs, and sweeps.
CATT 106	CLO 10	Differentiate between an assembly file and a parts file.
CATT 106	CLO 11	Create assembly views, bill of materials, balloons, and part references.
CATT 106	CLO 12	Create scenes and assembly drawings, use explosion factor, and manipulate Trails and Tweaks.