

ENGR141 Grade Report: Python NX PA

Name	Kathryn Atherton	Total Points Earned	14
Team	59	Total Points Possible	20
Grader	Casey Schilling	Percentage Earned	70.0%

Grading System Message(s)	Individual Assignment Grade
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Does the Team Planning Drawing:	Pass	Part	Fail
Appropriately illustrate the interlinking between all six panels?	2	1	0
Illustrate and include panels with unique pattern and can only be constructed in one way so that initials have common orientation?	2	1	0
Indicate what will appear on each panel as requested by the design document?	2	1	0
Appear both Handwritten and Legible?	2	1	0
Subtotal		6 of 8	

Does Team NX Submission:	Pass	Part	Fail
Have the correct number of unique panels (6)?	2	NA	0
Subtotal		0 of 2	

Does Individual NX Submission:	Pass	Part	Fail
Have correct thickness (.109")?	2	NA	0
Have correct length => 2.0"?	2	NA	0
Have correct width => 2.0" and same as width?	2	NA	0
Include appropriate removal of material for the initial (half or all the way through)?	2	NA	0
Fully constrained?	2	NA	0
Subtotal		8 of 10	

Total	14 of 20
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Grader Comments
In NX (which is unique to this CAD software), it places auto-dimensions and calls sketches fully constrained with them. However, you can still change the sketch with auto-constraints until you set them (they turn a different color). In other words, auto-dimensions don't control the sketch - They give you an idea of dimensions you need to think about.