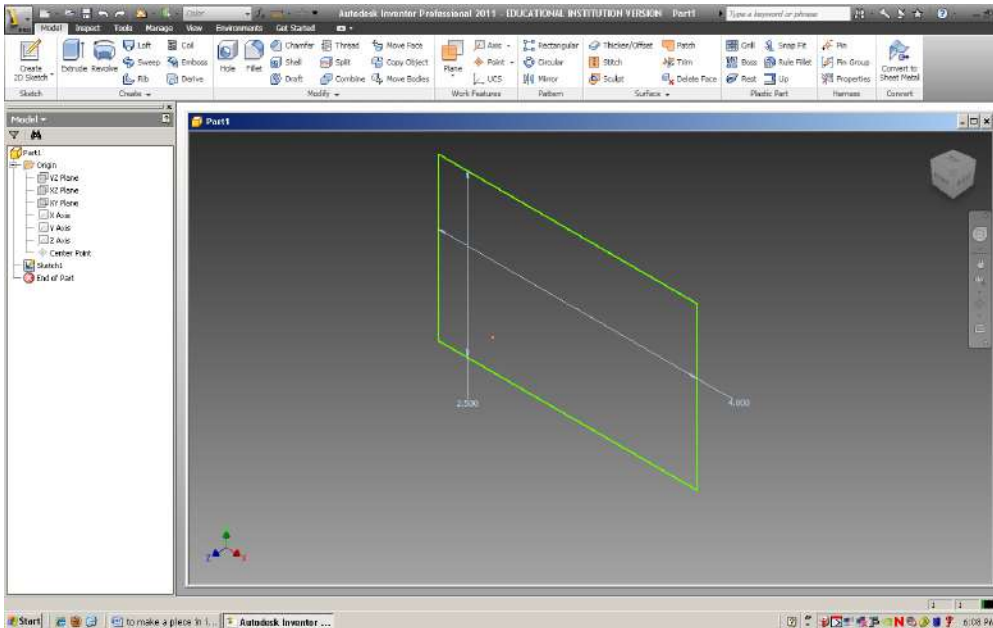
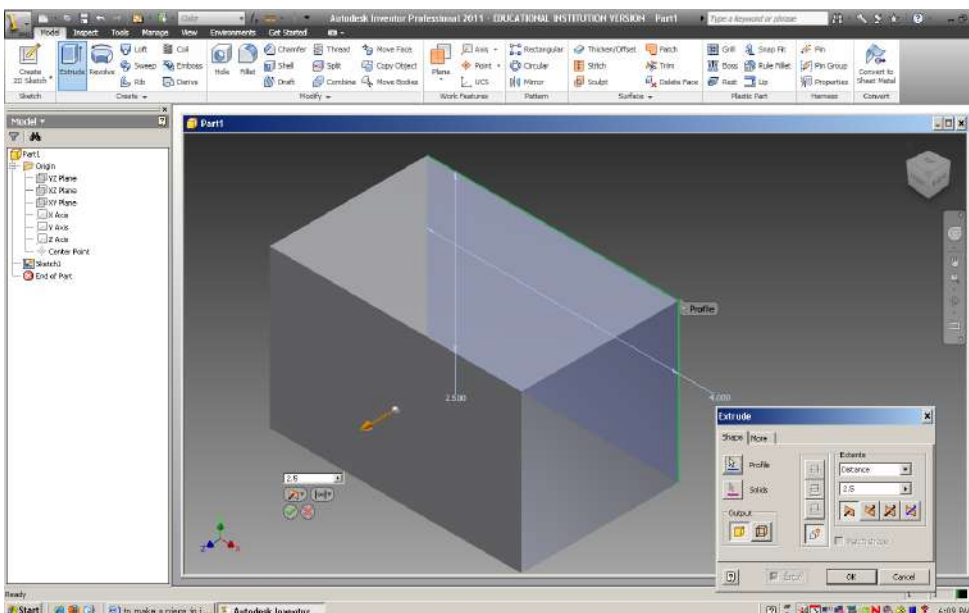


1. Open a New "Standard.ipt"
2. On the left browser click the + sign next "origin"
3. Click on the XY Plane under origin
4. Click on the 2D Sketch
5. Click on "Line" and make lines that are like drawing #1. See picture below:



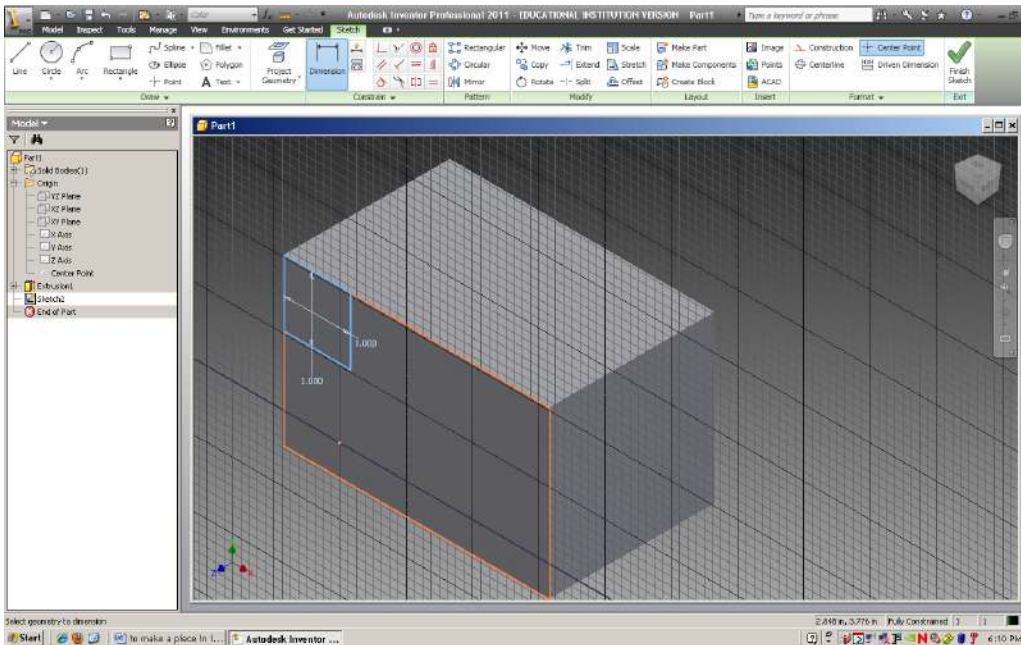
6. Use the dimension button to make the sizes correct (each square on the drawing = .5)
7. Click on the magnifying glass on the left side occasionally to see the picture better.
8. Click finish sketch
9. Click on extrude
10. Choose a distance of 2.5
11. It should look like a box.



12. Click on the front of the box to highlight it.

13. Click on create sketch 2D in order to draw on that side.

14. Create a box in the upper corner.

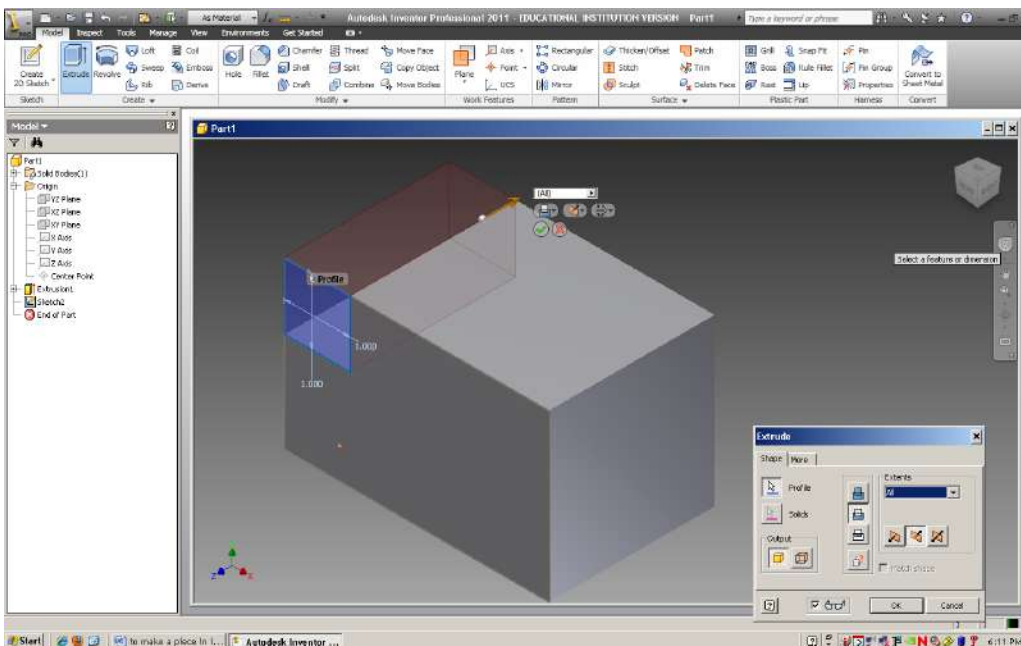


15. Finish sketch

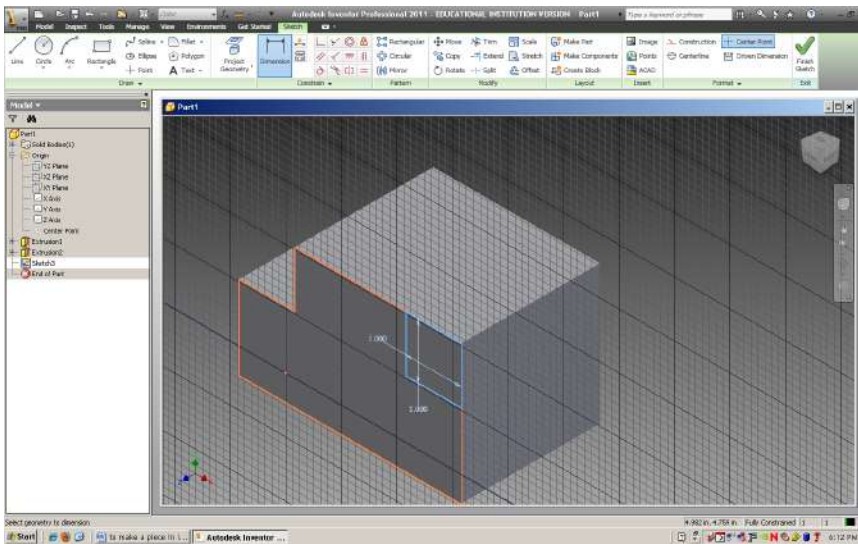
16. Click the extrude button

17. Click on the drawing you just made to highlight it.

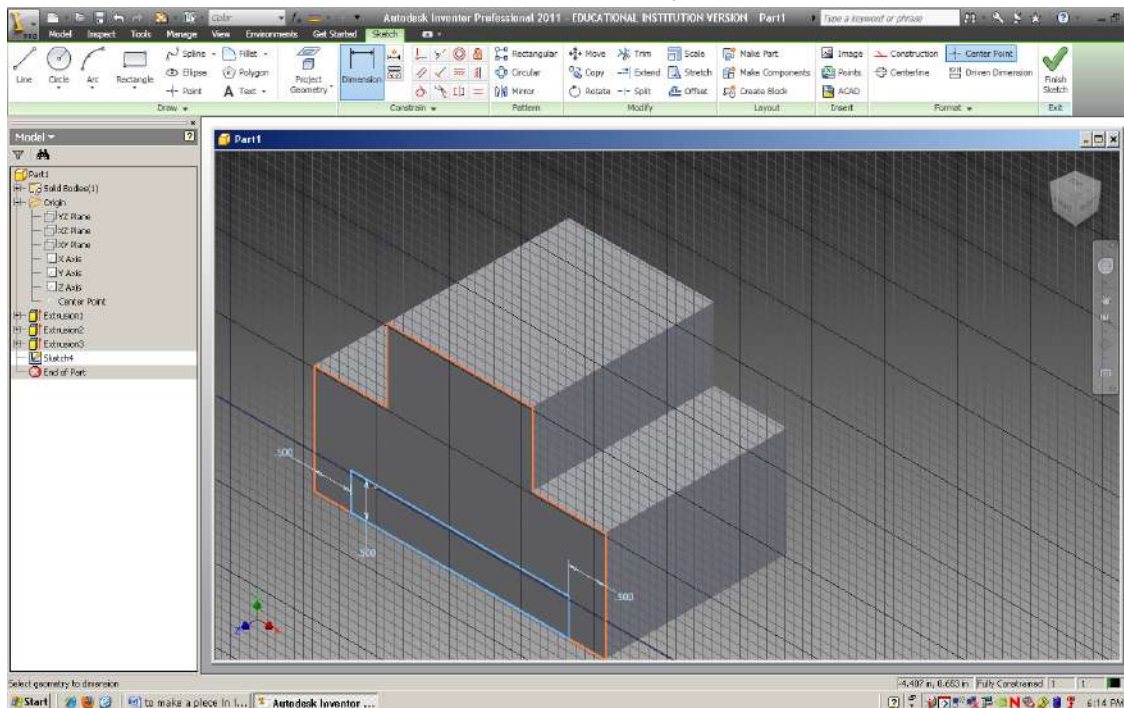
18. Click on the gold square with the inward arrow and choose under extend – ALL



19. Repeat with the other side of the box.



20. Click finish sketch.
21. Click extrude.
22. Select your most recent drawing.
23. Click on gold square with arrow and extent ALL.
24. Go back to sketch and make the bottom cutout like the picture.



25. Finish the sketch, extrude the recent drawing all the way through.
26. Save your drawing and work on 3 other drawings. To make a circular cut, use circle instead of line.