Objectives for Week #11

Define crime-scene reconstruction // Discuss the information that can be gained from bloodstain pattern analysis about the events involved in a violent crime. // Explain how surface texture, directionally, and angle of impact effect the shape of individual bloodstains // Calculate the angle of impact of a bloodstain using its dimensions // Describe the classifications of low, medium and high velocity impact spatter and appreciate how these classifications should be used. // Discuss the method to determine the area of convergence and area of origins for impact spatter pattern. // Understand how various blood patterns are created and which features of each pattern can be used to aid in reconstructing events at a crime scene // Describe the methods for documenting bloodstain patterns at a crime scene.

\[ \sin \theta = \frac{a}{c} \]

1. Measure the Width (a)
2. Measure the Length (c)
3. Use the following formula

\[ \sin \theta = \frac{a}{c} \]