

Section 7: Sampling Plans and

Friday, March 31, 2017

2:34 PM

the Central Limit Theorem

see Sampling Plans handout

Central Limit theorem:

When the sample size is $n \geq 30$,
the set of \bar{x} (the average of
a group of n values) is
approximately normally distributed
with

$$\text{mean} = \mu$$

$$\text{std dev} = \frac{\sigma}{\sqrt{n}}$$