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Lab 22 - Current Biased Amplifier

- Build and test a current biased Class A transistor amplifier
 Use DC bias to set an amplifier quiescent point
 Understand temperature and transistor characteristic of the amplifier circuit
 Observe the input / output phase relationship for a common emitter amplifier
 Visual amplifier clipping

		Points Possible
Documentation	Quality of documentation (neatness, clarity, spelling, grammar), Expected and measured values recorded on schematic diagram	10
Setup	Base voltage recorded; cooling spray V _{CE} recorded; second transistor V _{CE} recorded; setup inspected and initialed	10
Amplifier Performance	Ampilfier output voltage recorded; ampilfier voltage gain calculated & recorded; voltage gain percent error recorded; input & output phase relationships illustrated; clipped output signal illustrated; max output voltage recorded	20
Conclusions	Questions answered completely & accurately	10
	Total	50