5-2 Current-Voltage Characteristics

Reading Assignment: *pp. 392 - 402*

We will find that BJTs are in <u>many</u> was similar and analogous to MOSFETs!

For example, we will find:

BJT		**MOSFET**
Base	is analogous to	Gate
Collector	"	Drain
Emitter	"	Source
Cutoff	"	Cutoff
Saturation	"	Triode
Active	"	Saturation
i_C	"	i_D
v_{BE}	"	v_{GS}
v_{DS}	"	v_{CE}

<u>Look</u> for these analogies to help you understand BJTs!

HO: BJT Symbols and Conventions

HO: A Mathematical Description of BJT Behavior