**CHAPTER 13 STUDY OUTLINE**

**RNA and Protein Synthesis**

13.1 RNA (pg. 362 – 365)

1. The Role of RNA
	1. Comparing RNA and DNA
	2. Functions of RNA
		1. Messenger RNA
		2. Ribosomal RNA
		3. Transfer RNA
2. RNA Synthesis
	1. Transcription
	2. Promoters

13.2 Ribosomes and Protein Synthesis (pg. 366 – 371)

1. The Genetic Code
	1. How to Read Codons
	2. Start and Stop Codons
2. Translation
	1. Steps in Translation
	2. The Roles of tRNA and rRNA in Translation
3. The Molecular Basis of Heredity