

**J. Sargeant Reynolds Community College  
Course Content Summary**

**Course Prefix and Number:** BIO 252      **Credits:** 4

**Course Title:** Nucleic Acid Methods

**Course Description:**

Provides students with advanced laboratory skills needed for employment in the biotechnology industry. Focuses on use of basic and specialized lab equipment and techniques such as solution chemistry, cell culture, DNA extraction and analysis, protein extraction and analysis. Emphasizes lab safety, documentation, quality control, and use of SOPs. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week. Prerequisites: BIO 250 and BIO 253. 4 credits

**General Course Purpose:**

