

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

Course Prefix and Number: MDL 290

Credits: 2

Course Title: Coordinated Practice in Blood Bank/Transfusion Medicine

Course Description: Provides supervised on-the-job training in a hospital blood bank. Includes skill development and evaluation of typing and cross-matching technique for transfusion, analyzing data, and formulating reports, performing and analyzing quality control measures, and troubleshooting test parameters. Prerequisites: Successful completion of the first four semesters of the MDL curriculum and program permission to enroll in this course. Co-requisite: MDL 281. Laboratory 40 hours per week for three weeks.

General Course Purpose: This course provides students with clinical experience in transfusion medicine. Clinical instruction is generally 5 days per week, 8 hours per day, during standard daytime shifts, as assigned by the clinical facility.

The purpose of this clinical is to provide students with hands-on experience in performing clinical laboratory testing of blood and other body fluids.