DMI PROGRAM GOALS (JRCERT 6.3)

1. Students will have the expertise and skills to competently and safety perform radiographic procedures.
2. Students will be able to demonstrate professional and ethical behaviors.
3. Students will develop the skills necessary to effectively communicate in a variety of healthcare settings.
4. Students will be able to demonstrate independent critical thinking and problem-solving skills.

LBCC Catalog

DMI Program Student Learning Outcomes (PSLOs)

1. Diagram the photographic and digital process and define the technical factors utilized in medical image formation.
2. Distinguish the fundamental structure of matter, diagram the production of x-rays, and examine how different radiographic techniques effect the resulting image on a radiograph.
3. Assess how radiation effects body systems, differentiate between different types of radiation and their effects on human tissue, and formulate ways to decrease exposure.
4. Manage proper patient positioning of the skeletal system, cranium, and viscera to achieve industry standard radiograph.
5. Demonstrate ability to properly use all equipment required to produce a diagnostic radiograph; produce an industry standard and diagnostic radiograph.
6. Demonstrate understanding of the knowledge and skills necessary to function as professional, ethical, accurate, and reliable members of the Radiology health care team.

LBCC Institutional Student Learning Outcomes (ISLOs)

To ensure the College's Mission is accomplished, Students who earn an Associate in Science (AS) degree complete their general educations and attain LBCC's Institutional Student Learning Outcomes (ISLOs).:

1. Aesthetic Responsiveness: Value and interpret a range of cultural expression in the arts and humanities to generate useful and original ideas.

2. Communication Skills: Apply skills to effectively communicate with, and respond to, varied audiences in written, spoken, signed, or artistic forms.

3. Critical Thinking, Problem Solving, and Information Literacy: Demonstrate critical thinking, problem-solving, and diagnostics skills with an understanding of research, science, information literacy and/or quantitative reasoning.

4. Global Awareness: Display critical and ethical engagement in global and local issues with sensitivity to the diversity of individuals, groups, and cultures.

5. Professional and Personal Skills: Demonstrate the skills required to successfully enter and advance in the workforce, fulfill one's educational goals, and make lifestyle choices that promote personal well-being.