

X-RAY TECHNOLOGY/3 (510 Hours)

Course No.: 76-45-89

COMPETENCY CHECKLIST

Student Name _____

Teacher Name _____ School Site _____

Start Date _____ Completion Date _____ Certificate Date _____

Teacher Signature _____ Student Signature _____

(Signature verifies completion of course competencies)

A. ANATOMY AND PHYSIOLOGY III (Theory: 30 hrs)

- _____ 1. Review/demo labeling organs/systems
- _____ 2. Review listed skeletal definitions
- _____ 3. Review items related to bones/joints
- _____ 4. Identify cranial/facial bones/landmarks
- _____ 5. Identify/discuss structures/parts of ear
- _____ 6. Identify/discuss sound waves/function of ear
- _____ 7. Identify/label diagram w/ear & major parts
- _____ 8. Cranial/facial anatomic structures/landmarks
- _____ 9. Roles of listed items in radiography
- _____ 10. Functions/structures of respiratory features
- _____ 11. Describe respiratory processes
- _____ 12. Demo labeling diagram/landmarks

B. RADIOGRAPHIC POSITIONING III (Theory: 30 hrs)

- _____ 1. Review radiologic/anatomic positioning
- _____ 2. Review general principles of positioning
- _____ 3. Patient techniques cranium radiographic
- _____ 4. Basic/special positioning for cranium/facial
- _____ 5. List/identify the central x-ray location
- _____ 6. Factors to produce acceptable radiograph
- _____ 7. Instructions for cranium/facial projections
- _____ 8. Demo listed positioning techniques

C. FILM CRITIQUE III (Theory: 5 hrs)

- _____ 1. Review listed definitions related to topic
- _____ 2. Factors that affect radiographic quality
- _____ 3. Demo techniques/evaluate image
- _____ 4. Evaluating radiographs/proper film critique
- _____ 5. Analyze samples/recommend modifications

D. DIGITAL RADIOGRAPHY

(Theory: 20 hrs/Lab: 10 hrs)

- _____ 1. Define listed terms related to topic
- _____ 2. Identify principles of digital radiography

_____ 3. Demo listed techniques for digital imaging

E. EMPLOYABILITY SKILLS (Theory: 10 hrs)

- _____ 1. Discuss employer requirements
- _____ 2. Identify potential employers
- _____ 3. Role of social networking in job search
- _____ 4. Design sample resumes and cover letters
- _____ 5. Importance of filling out a job application
- _____ 6. Complete sample job application forms
- _____ 7. Discuss the importance of enthusiasm on a job
- _____ 8. Importance of appropriate appearance
- _____ 9. Continuous upgrading of job skills
- _____ 10. Customer service to build relationships
- _____ 11. Demo appropriate interviewing techniques
- _____ 12. Info/materials for successful interview
- _____ 13. Design sample follow-up letters
- _____ 14. Demo appropriate follow-up procedures

F. REVIEW AND EVALUATION (Theory: 15 hrs)

- _____ 1. Pass each final exam with at least 70%
- _____ 2. Demo listed competency standards
- _____ 3. Demo minimal competencies in x-ray course
- _____ 4. Pass final exam with at least 80% accuracy

G. CLINICAL EXPERIENCE (Clinical: 390 hrs)

- _____ 1. Demo proficiency in clinical procedures
- _____ 2. Demo radiographic standards for cranial
- _____ 3. Demo proper imaging for listed procedures