

RADT M09: BASIC SKILLS FOR THE RADIOLOGIC TECHNOLOGIST

Originator

clee

Co-Contributor(s)

Name(s)

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College

Moorpark College

Discipline (CB01A)

RADT - Radiologic Technology

Course Number (CB01B)

M09

Course Title (CB02)

Basic Skills for the Radiologic Technologist

Banner/Short Title

Basic Skills: Rad Tech

Credit Type

Credit

Start Term

Fall 2023

Formerly

HS M16R - BasicSkills: RADT Technologist

Catalog Course Description

Provides basic knowledge of client care skills to those preparing for a career in Radiography. Focuses on the essential principles and practices of safe effective care in this constantly changing medical field. Integrates safety, communications, documentation, and cultural diversity throughout the course.

Taxonomy of Programs (TOP) Code (CB03)

1225.00 - *Radiologic Technology

Course Credit Status (CB04)

D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)

C (Not transferable)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

C - Clearly Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

Will not be required

Grading method

(L) Letter Graded

Does this course require an instructional materials fee?

No

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Activity

Laboratory

Minimum Contact/In-Class Laboratory Hours

26.25

Maximum Contact/In-Class Laboratory Hours

26.25

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

26.25

Total Maximum Contact/In-Class Hours

26.25

Outside-of-Class**Internship/Cooperative Work Experience**

Paid

Unpaid

Total Outside-of-Class**Total Outside-of-Class****Minimum Outside-of-Class Hours**

13.125

Maximum Outside-of-Class Hours

13.125

Total Student Learning**Total Student Learning****Total Minimum Student Learning Hours**

39.375

Total Maximum Student Learning Hours

39.375

Minimum Units (CB07)

0.5

Maximum Units (CB06)

0.5

Corequisites

RADT M10A and RADT M10B

Limitations on Enrollment

Criminal background clearance
 Current negative TB test or chest x-ray
 Drug and alcohol clearance
 No acrylic or long nails in clinical settings
 No visible tattoos or visible body piercings except single studs in earlobes
 Physical examination demonstrating general good health
 Proof of freedom from and immunity to communicable diseases
 Others (specify)

Other Limitations on Enrollment

Admission to the Moorpark College Radiologic Technology Program
 BLS CPR card from American Heart Association only
 Los Angeles City Hospital Fire and Life Safety Card
 Proof of health insurance
 Proof of professional Liability insurance

Requisite Justification**Requisite Type**

Corequisite

Requisite

RADT M10A

Requisite Description

Course in a sequence

Level of Scrutiny/Justification
Required by statute or regulation

Requisite Type
Corequisite

Requisite
RADT M10AL

Requisite Description
Course in a sequence

Level of Scrutiny/Justification
Required by statute or regulation

Requisite Type
Corequisite

Requisite
RADT M10B

Requisite Description
Course in a sequence

Level of Scrutiny/Justification
Required by statute or regulation

Requisite Type
Enrollment Limitation

Requisite
1) Admission to the Moorpark College Radiologic Technology Program; 2) Criminal background clearance; 3) Current CPR certification for health care provider (American Heart Association); 4) Drug and alcohol clearance; 5) No acrylic or long nails in clinical settings; 6) Current negative TB test or chest x-ray; 7) Physical examination demonstrating general good health; 8) No visible tattoos or visible body piercings except single studs in earlobes; 9) Other, Fire Safety Card, proof of health insurance, and proof of professional liability insurance.

Requisite Description
Credit program requisite (credit only)

Level of Scrutiny/Justification
Required by statute or regulation

Student Learning Outcomes (CSLOs)

Upon satisfactory completion of the course, students will be able to:

- | | |
|---|--|
| 1 | demonstrate safe, basic knowledge of essential principles and practices of patient assessment and care skills. |
| 2 | describe and demonstrate the methods of controlling infection in the health care setting. |

Course Objectives

Upon satisfactory completion of the course, students will be able to:

- | | |
|---|--|
| 1 | identify and describe the principles of a safe client environment. |
| 2 | demonstrate obtaining and recording vital signs. |
| 3 | identify client's rights and how to assure the client's rights of confidentiality are not violated. |
| 4 | discuss aspects of providing care for clients with various psycho-social, cultural, ethnic and gender differences. |
| 5 | demonstrate communication techniques across the lifespan - from birth to death. |

6	use appropriate documentation in the medical record.
7	utilize various components of a medical record, including normal ranges of lab values, to identify essential aspects of client care.

Course Content

Lecture/Course Content

None

Laboratory or Activity Content

10% - Patient and exam documentation

50% - Maintenance of a safe environment

20% - Vital signs

5% - Health Insurance Portability and Accountability Act (HIPAA)

5% - Care provided in relationship to client's psychological, cultural, ethnic or gender differences

10% - Communication techniques

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Skills demonstrations

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Essay exams

Objective exams

Problem-solving exams

Skills demonstrations

Classroom Discussion

Reports/Papers/Journals

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Audio-visual presentations

Class discussions

Demonstrations

Lecture

Small group activities

Describe specific examples of the methods the instructor will use:

Laboratory demonstrations of patient transfer.

Laboratory demonstration of taking patient vital signs.

Representative Course Assignments

Writing Assignments

Write critical elements associated with the skills covered each week.

Review and write a summary of a current article on subject covered in class (i.e., hospital-acquired infections, current status and advances in reducing incidence).

Write chapter review questions for each chapter covered each week.

Critical Thinking Assignments

Obtain information from health professionals in the Radiology Department regarding current operations and new policies and procedures, and apply them to skills described and practiced in class.

Create and develop a group presentation with a role-playing component on subjects such as handling emergencies in the workplace, communications with culturally diverse populations, and handling patients with special needs.

Create and develop a Critical Elements Notebook with all basic skills.

Reading Assignments

Read the American Society of Radiologic Technology (ASRT) journal articles.

Read California Department of Health- Radiologic Health Branch Title 17 regulations.

Skills Demonstrations

Transferring a patient from wheelchair and gurney.

Taking a patient vitals.

Preparing and maintaining a sterile field.

Outside Assignments

Representative Outside Assignments

Search for and review an article on issues pertaining to patient safety in the workplace prior to a class discussion on the topic.

Research issues pertaining to infection control in the workplace in order to participate in class discussion about the topic.

District General Education**A. Natural Sciences****B. Social and Behavioral Sciences****C. Humanities****D. Language and Rationality****E. Health and Physical Education/Kinesiology****F. Ethnic Studies/Gender Studies****CSU GE-Breadth****Area A: English Language Communication and Critical Thinking****Area B: Scientific Inquiry and Quantitative Reasoning****Area C: Arts and Humanities****Area D: Social Sciences****Area E: Lifelong Learning and Self-Development****Area F: Ethnic Studies****CSU Graduation Requirement in U.S. History, Constitution and American Ideals:****IGETC****Area 1: English Communication****Area 2A: Mathematical Concepts & Quantitative Reasoning****Area 3: Arts and Humanities****Area 4: Social and Behavioral Sciences****Area 5: Physical and Biological Sciences****Area 6: Languages Other than English (LOTE)****Textbooks and Lab Manuals****Resource Type**

Textbook

Classic Textbook

No

DescriptionRyan, TerriAnn Ryan. *Torres' Patient Care in Imaging Technology*. 10th ed., Lippincott Williams & Wilkins, 2023.**Resource Type**

Textbook

DescriptionLampignano, John, and Leslie E. Kendrick. *Bontrager's Textbook of Radiographic Positioning and Related Anatomy*. 10th ed., Mosby, 2020.

Library Resources

Assignments requiring library resources

Radiographic and medical journal reading and research assignments which may use the library's print and online resources.

Sufficient Library Resources exist

Yes

Example of Assignments Requiring Library Resources

Using the Library's print and online resources, research current issues in the healthcare field and issues pertaining to the content of class, such as reviewing and writing a summary of a current article on infection control.

Primary Minimum Qualification

RADIOLOGIC TECHNOLOGY

Review and Approval Dates

Department Chair

01/23/2023

Dean

01/24/2023

Technical Review

02/16/2023

Curriculum Committee

02/21/2023

DTRW-I

MM/DD/YYYY

Curriculum Committee

MM/DD/YYYY

Board

MM/DD/YYYY

CCCCO

MM/DD/YYYY

Control Number

CCC000616714

DOE/accreditation approval date

MM/DD/YYYY