

Washtenaw Community College Comprehensive Report

TRL 314 Infection Control and Risk Assessment Effective Term: Spring/Summer 2022

Course Cover

College: Advanced Technologies and Public Service Careers

Division: Advanced Technologies and Public Service Careers

Department: United Association Department

Discipline: Trade Related Learning

Course Number: 314

Org Number: 28000

Full Course Title: Infection Control and Risk Assessment

Transcript Title: Infection Control & Risk Assess

Is Consultation with other department(s) required: No

Publish in the Following:

Reason for Submission: New Course

Change Information:

Rationale: New course for Trade Learning discipline.

Proposed Start Semester: Spring/Summer 2022

Course Description: In this course, students will identify procedures for the American Society for Sanitary Engineering (ASSE) Infection Control Risk Assessment (ICRA) to perform construction and renovation tasks in healthcare or other occupied facilities. Topics will include practical uses of ICRA tools including containment, negative air flow, high-efficiency particulate air (HEPA) filtration and safe work practice techniques. In addition, students will recognize the policies and procedures related to building life safety systems during construction and renovation services. Students will also review and take the ASSE ICRA Certification Exam as well as develop instructional activities that can be used for training at local Training Centers. Limited to approved union program participants.

Course Credit Hours

Variable hours: No

Credits: 1.5

The following Lecture Hour fields are not divisible by 15: Student Min ,Instructor Min

Lecture Hours: Instructor: 22.5 Student: 22.5

The following Lab fields are not divisible by 15: Student Min, Instructor Min

Lab: Instructor: 1.5 Student: 1.5

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 24 Student: 24

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

General Education

Degree Attributes

Below College Level Pre-Reqs

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Identify and define hazards specific to healthcare construction in accordance with Healthcare Associated Infection Prevention and Control (HAI), including the chain of infection and common pathogens.

Assessment 1

Assessment Tool: Outcome-related written exam questions

Assessment Date: Spring/Summer 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher.

Who will score and analyze the data: Trade Related instructors

2. Create an ICRA plan for a predetermined workplace.

Assessment 1

Assessment Tool: Outcome-related worksheet

Assessment Date: Spring/Summer 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will score 80% or higher.

Who will score and analyze the data: Trade related instructors

3. Identify the elements of a life safety system to mitigate potential risks and hazards in a healthcare facility.

Assessment 1

Assessment Tool: Outcome-related written exam questions

Assessment Date: Spring/Summer 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher.

Who will score and analyze the data: Trade related instructors

4. Identify and define the role and responsibilities of an ICRA assessor in the workplace.

Assessment 1

Assessment Tool: Outcome-related written exam questions

Assessment Date: Spring/Summer 2025

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer key

Standard of success to be used for this assessment: 80% of the students will score 80% or higher.

Who will score and analyze the data: Trade related instructors

Course Objectives

1. Describe ICRA, its purpose and its application.
2. Compare and contrast the differences between the construction projects in medical facilities and non-medical facilities.
3. Discuss the professional aspects, responsibilities and documentation required to be an ICRA assessor.
4. Discuss Healthcare Associated Infection (HAI) Prevention and Control, its purpose and its applications.
5. Describe the chain of infection and the common pathogens in healthcare environments.
6. Discuss hazards unique to construction in a healthcare facility.
7. Identify safety equipment and personal protective equipment (PPE) needed in multiple work scenarios.
8. Identify specific infection control precautions used for the four classes of ICRA construction.
9. Identify the guidelines used in the selection of various barriers used in ICRA construction.
10. Discuss the policy and procedures for entering and exiting an anteroom in ICRA construction.
11. List and describe the two main functions of a negative air machine in ICRA environments.
12. Identify potential hazards and risks in a healthcare facility.
13. Role-play scenarios to emphasize possible safety concerns in a healthcare workplace.
14. Discuss a life safety system and its use.

New Resources for Course

Course Textbooks/Resources

Textbooks

The Center for Construction Research and Training. *CPWR INFECTION CONTROL RISK ASSESSMENT (ICRA) AWARENESS*, ed. The Center for Construction Research and Training, 2019

Manuals

Periodicals

Software

Equipment/Facilities

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Tony Esposito</i>	<i>Faculty Preparer</i>	<i>Mar 18, 2022</i>
Department Chair/Area Director: <i>Marilyn Donham</i>	<i>Recommend Approval</i>	<i>Mar 24, 2022</i>
Dean: <i>Jimmie Baber</i>	<i>Recommend Approval</i>	<i>Mar 30, 2022</i>
Curriculum Committee Chair: <i>Randy Van Wagnen</i>	<i>Recommend Approval</i>	<i>Apr 19, 2022</i>
Assessment Committee Chair: <i>Shawn Deron</i>	<i>Recommend Approval</i>	<i>Apr 28, 2022</i>
Vice President for Instruction: <i>Kimberly Hurns</i>	<i>Approve</i>	<i>May 04, 2022</i>