

COURSE SYLLABUS

LAST REVIEW	Fall 2022
COURSE TITLE	Intro to Estimating and Diagnostic Scanning
COURSE NUMBER	ACRT 0210
DIVISION	Career and Technical Education
DEPARTMENT	ACRT
CIP CODE	47.0603
CREDIT HOURS	3
CONTACT HOURS/WEEK	Class: 1 Lab: 4 Clinical: X
PREREQUISITES	ACRT 0100 Safety & Orientation ACRT 0101 OSHA 10
COREQUISITES	None
COURSE PLACEMENT	None

COURSE DESCRIPTION

Through a variety of classroom and/or lab/shop learning and assessment activities, students will explore the components of damage analysis. Upon completion they will be able to demonstrate basic estimating to identify structural repairs required, part design, construction materials, and manufacturing process

PROGRAM ALIGNMENT

This course is part of a program aligned through the Kansas Board of Regents and Technical Education Authority. For more information, please visit:

https://kansasregents.org/workforce_development/program-alignment

PROGRAM LEARNING OUTCOMES

1. Demonstrate adherence to safety and pollution prevention standards according to OSHA and EPA regulations.
2. Demonstrate the ability to communicate effectively in workplace scenarios with an appropriate level of preparedness for daily tasks and assignments.
3. Demonstrate the ability to diagnose and repair non-structural and structural damage according to Original Equipment Manufacturer (OEM) specifications and recommendations.

TEXTBOOKS

<http://kckccbookstore.com/>

METHOD OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE

- I. Damage Analysis
- II. Learning Estimating programs
- III. Basics on writing estimates
- IV. Understanding how to read an estimate

COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

- A. The student will be able to tear down and identify all damage on a vehicle.
- B. The student will be able to properly use the estimating software
- C. The student will be able to write an estimate both on the computer and by hand.
- D. The student will be able to understand the different terminology used on an estimate.

ASSESSMENT OF COURSE LEARNING OUTCOMES AND COMPETENCIES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.