

Metallurgy/Nonstructural Parts

ACR1100 001

Instructor Information

██████████

Phone: ██████████

Email: ██████████

Office Location: ██████████

Office Hours

Email

Best Time to Contact: Email

Email

Course Description

This is a course in analysis and repairs of non-structural component parts and assemblies found in the construction of modern unibody and frame type vehicles.

Coreq: ACR 1111

Semester: Fall

This syllabus will cover ACR 1100 and ARC 1111

This is the first semester of a one-year program; it is a study of non-structural parts repair and replacement related to moderate collision damage. These ICAR Courses will fulfill many of the course requirements for shop Non-Structural Technician Role. Theory and Lab experiences include non-structural damage analysis, repair and replacement procedures, and methods used to repair collision-damaged non-structural automotive components. The proper and safe use of tools, equipment, and materials required to complete repairs will be stressed. The ICAR comprehensive welding curriculum covering welds made on non-structural and structural steel, plastic, and non-ferrous materials will be completed. Basic metal straightening methods, panel removal and placement, alignment, and cosmetic repairs of body panels will also be covered.

Course Student Learning Outcomes

- Analyze and repair non-structural component parts and assemblies found in the construction of modern unibody and frame type vehicles.

Course Prerequisites

None.

Transfer/Certification/Licensure/Employment Information

What Skills Will I Need?

- Fast job analysis
- Good physical condition
- Hand-eye coordination
- Manual dexterity
- Average scholastic ability
- Appreciation and understanding of color
- Satisfaction of a beautiful job well done

Occupations in this area:

For state and national occupation information, visit O*Net and enter the following code(s):

- 51-9122.00 Painters, Transportation Equipment
- 49-3021.00 Automotive Body and Related Repairers

* The U.S. Education Department now requires institutions to provide Gainful Employment information to prospective students that provide consumer information on program costs, student debt and completion. The above Career & Program information will provide a comparison between similar programs at different institution

Communication Plan

Example language:

- I will respond to email within 48hrs. I will offer feedback on major assignments within 48hrs. The best way to contact me is via the Canvas Inbox, as I will prioritize this email over other modes of communication.
- In this course I will be posting interactive announcements which will offer specific opportunities for class questions and extra credit every other week.
- Additionally, I will be participating in the discussion forums with you to share my perspective within the discipline and to offer some nuances of interpretation that may not be present in your textbook.
- Lastly, we'll be holding small group Q & A sessions, where we can learn from our peers (and faculty) on some of the more difficult units within the course.

Keys for Success (how to succeed in the course)

Show up on time and put your best effort in everything you do.

Course Content Warnings/Trigger Warnings

The Lab portion can have bright welding flashes and loud noises.

Brief Description of Assignments/Exams

You will be learning the I-Car live and online curriculum. This means you will have paper and hands on assignments along with online assignments.

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	FOM01	Assignment	100

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	GLA01	Assignment	100
	Introduce Yourself	Discussion	0
	Lab Fee	Assignment	100
	PLA03	Assignment	100
	Roll Call Attendance	Assignment	100
	STS01	Assignment	100
	Syllabus/Lab fee contract	Assignment	100
	WKR01	Assignment	100
12/6	Final Exam	Quiz	100

Grading Scale

General Grading System

A (90 -100%)

B (80 - 89%)

C (70 - 79%)

D (60 - 69%)

E (0 - 59%)

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

You can access the document by clicking on the following link:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, please visit the Institutional Syllabus under the Tutoring and Learning Support tab:

<https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, please visit the Institutional Syllabus under the Advising and Counseling Support Services tab: <https://slcc.instructure.com/courses/530981/pages/institutional-syllabus>. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)