



Intermediate Refinishing- ABDR 1458

Course Syllabus: Spring-2021

"Northeast Texas Community College exists to provide responsible, exemplary learning opportunities."

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| Office Hours By Appointment | Monday | Tuesday | Wednesday | Thursday | Friday | Online |
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The information contained in this syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.

Course Number: ABDR 1458

Course Title: Intermediate Refinishing

Course Credit Hours: 3 **Lecture Hours** 2 **Lab Hours** 4

Textbook(s): Collision Repair and refinishing (Thomas/Jund) 2nd Edition

Supplies: Spiral notebook and pen.

Course Description: Training in mixing and spraying of automotive topcoats. Introduction to partial panel refinishing techniques.

End-of-Course Outcomes: Select paint formulas and ingredients; mix topcoats; perform proper reduction and application techniques; and perform partial panel refinishing tasks.

Course Requirements: Students must do the following

1. Attend class regularly and on time
2. Demonstrate knowledge of all learning objectives and competencies
3. Take responsibility for learning process
4. Complete all exams and coursework

Course Format: The course will be presented with lectures including text and technique. A majority of the instruction will be in the lab with hands on experience.

Method of Evaluation: Students will be evaluated on their mastery of course competencies, the number of competency hours completed, attendance and test performance.

Attendance Policy: An attendance grade will be averaged in with other grades. This is reflective of real life. Poor attendance affects ability to complete and master competencies.

Lectures & Discussions:

| Task Code | Task Description |
|----------------|---|
| 1458.00 | Intermediate Refinishing (C14, C15, C16, V-BC/CC) |

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|---------|--|
| 1458.01 | Explain the dangers in an auto body repair shop |
| 1458.02 | Safety rules and regulations and pass the safety test before working in shop |
| 1458.03 | Identify tools required for stripping and refinishing panels |
| 1458.04 | Understand the process of mixing and tinting paints |
| 1458.05 | Identify and understand the need to blend a paint surface |
| 1458.06 | Be able to diagnose cause of damage and type repair required (stripping, priming, paper grits) |
| 1458.07 | Apply coatings at proper times and to proper mil thickness. What is mill thickness? |
| 1458.08 | Color sand and buff old and newly painted surfaces |
| 1458.09 | Use of plastic and painted on pinstripe |
| 1458.09 | Understanding how a paint gun works |
| 1458.10 | Using a spray gun cleaner or washer. Spray gun cleaning tips. |
| 1458.11 | How do you prepare plastics and other substrates for paint? |
| 1458.12 | Tri-coat finishes. What are they? How do you match them? |
| 1458.13 | Gun handling problems. Captive gun systems |
| 1458.14 | Spray pattern tests and making your gun do really cool things. |
| 1458.15 | Temperature, solvents, spray techniques and other things that mess up a paint job. |
| 1458.16 | What is paint booth servicing? |
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Competencies/tasks.

| STUDENT NAME | Prep variously damaged panels for paint | | | | Paint, tint as needed and blend panels | | | | Buff old paint and color sand and buff new paint | | | | Apply pinstripes and understand use of custom stripping tape | | | | Clean, adjust paint guns | | | |
|--------------|---|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|--------------------------|--|--|--|
| | G 1 | G 2 | G 3 | G 4 | F 1 | F 2 | F 3 | F 4 | F 1 | F 2 | F 3 | F 4 | F 1 | F 2 | F 3 | F 4 | | | | |
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Evaluation/Grading Policy:

Grading will be represented by a Grade Value Points System. 500 points is the target goal for the course and would be equal to a 100% or an “A” grade. The course calendar will display point’s assignments.

Grades of A, B, C, D, and F will be determined by the student’s achievement of a total number of possible points based on the below listed categories.

| <u>Assignments</u> | <u>Quantity</u> | <u>Pts. Per Assign.</u> | <u>Total Pts. Possible</u> |
|--------------------|-----------------|-------------------------|----------------------------|
| Syllabus Quiz | 1 | 25 | 25 |

| | | | |
|--------------------------------|---|-----|-----|
| Textbook Exam | 2 | 25 | 50 |
| Toolbox Test | 1 | 25 | 25 |
| Attendance | 1 | 100 | 100 |
| Semester Project | | | |
| Overall Construction/Structure | 1 | 75 | 75 |
| Body Work | 1 | 75 | 75 |
| Prime Work | 1 | 75 | 75 |
| Look/Aesthetic | 1 | 75 | 75 |
| Total | | | 500 |

The letter grade is based on the following Grading Scale:

| Total Pts. Earned | Ltr. Grade |
|-------------------|------------|
| 450-500 | A |
| 400-449 | B |
| 350-399 | C |
| 300-349 | D |
| Below 300 | F |

Assignments:

Review Questions: At the end of the assigned units by your instructor

Other Course Requirements:

Each student will lease an auto body tool set from the school for \$40.00 per semester. **The toolbox will be issued to and inventoried by the student and he/she is responsible for it.** *This tool set cannot leave the shop area and students will be required to share too boxes.* The student will be required to pay for any tools lost or intentionally damaged.

General Classroom and Lab Policies

The Mechanical Power Technology program, like most other vocational programs, has policies that must be followed. These policies will give you, the student, a better opportunity to learn the mechanical power trade. *The general classroom and lab policies will be covered in the safety briefing and the class orientation.* The instructor may have additional policies for their class.

General Safety Policies

Anyone with extremely long hair must have some way to keep it up (hair net, hat). There will be no open-toe shoes worn in the shop (sandals, flip flops). Each student will be required to have a pair of safety glasses to be at all times. The instructor may have additional safety policies for their class.

Student Responsibilities/Expectations:

It is important to present a professional image in the work place. Auto body is a dirty profession, so wear clothing that you can afford to ruin. **Shorts and sandals are not allowed and you will be sent home to change.** *Professional appearance is part of your grade*

NTCC Academic Honesty Statement:

"Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook."

Academic Ethics

The college expects all students to engage in academic pursuits in a manner that is beyond reproach. Students are expected to maintain complete honesty and integrity in their academic pursuit. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. Refer to the student handbook for more information on this subject.

ADA Statement:

It is the policy of NTCC to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to arrange an appointment with a College counselor to obtain a Request for Accommodations form. For more information, please refer to the NTCC Catalog or Student Handbook.

Family Educational Rights and Privacy Act (FERPA):

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.