



CLR248 Paint & Refinishing 4 Syllabus

Course Information

Credits	4
Campus	Washburn Institute of Technology
Address	5724 SW Huntoon
City/State/Zip	Topeka, Kansas 66604
Office Fax	785-273-7080

Description

Through a variety of classroom and/or shop/lab learning and assessment activities, students in this course will: apply exemplary safety procedures in all areas of auto body painting and refinishing; perform proper cleaning procedures for a refinish; prepare adjacent panels for blending; prepare plastic panels for refinishing; protect all non-finished areas of vehicle; operate high and low volume/pressure spray gun operations for painting and refinishing; perform all paint system applications on an automobile; apply appropriate paint color matching and mixing procedures; tint color using formula to achieve a blendable match; explore the causes, effects and correction of buffing-related imperfections; explore the causes, effects and correction of pigment flotation; measure mil thickness; apply decals, transfers, tapes, woodgrains, pinstripes to an automobile; apply buffing and polishing techniques to remove defects; apply cleaning techniques to automobile interior, exterior, glass and body openings; and remove overspray.

Textbooks

none

Student Learning Outcomes:

- A. Communicate effectively.
- B. Integrate technology.
- C. Learn effectively - use academics effectively.
- D. Demonstrate cooperative/teamwork skills.
- E. Apply safety.
- F. Think critically and creatively.
- G. Demonstrate responsible work ethics.

Competencies

- 1. Apply exemplary safety procedures in all areas of auto body painting and refinishing.
- 2. Perform proper cleaning procedures for a refinish.
- 3. Prepare adjacent panels for blending.
- 4. Prepare plastic panels for refinishing.
- 5. Protect all non-finished areas of vehicle.
- 6. Operate high and low volume/pressure spray gun operations for painting and refinishing.
- 7. Perform all paint system applications on an automobile.
- 8. Apply appropriate paint color matching and mixing procedures.
- 9. Tint color using formula to achieve a blend-able match.

10. Explore the causes, effects and correction of buffing-related imperfections.
11. Explore the causes, effects and correction of pigment flotation.
12. Measure mil thickness
13. Apply decals, transfers, tapes, wood-grains, pinstripes to an automobile.
14. Apply buffing and polishing techniques to remove defects.
15. Apply cleaning techniques to automobile interior, exterior, glass and body openings.
16. Remove overspray.

Guidelines for Success

Assessment Plan

Assessment is an integral part of the educational process at Washburn Tech and accurate feedback is an important tool in continuously improving the institution's technical programs. Students can expect to participate in assessment activities prior to entry into programs, within specific courses and following program completion for specific fields of study.

Grading Scale:

93% or higher A

85-92% B

76-84% C

69-75% D

Less than 68% F

Grading Breakout

Lab Activities25%

Daily Performance.....30%

Classroom Activities15%

Weekly Quizzes.....10%

Final Exams.....20%

Attendance

No make-up is available for missed time. Textbook class assignment and comprehensive exams can be made up upon approval by the instructor within one week of the absence. Makeup exams must be coordinated with the instructor in advance.

Disability

The Special Support Services (SSS) Office is responsible for assisting in arranging accommodations and for identifying resources at Washburn Institute of Technology for persons with disabilities. Qualified students with disabilities **MUST** register and provide documentation with the office to be eligible for services. New requests for accommodations should be submitted two months or more prior to the date services should begin; however, contact the SSS Office as soon as a need may arise. Depending on the accommodation request, four to eight week lead time may be needed for timely and effective provision of services. SSS coordinates and assist in arranging services it deems appropriate of eligible students on a case-by-case basis.

If you are a student with a disability that may substantially limit your ability to participate in this class and believe you will need accommodations, it is your responsibility to contact:

Special Support Services Coordinator

Phone: 785-228-6356

E-Mail: ssscoordinator@washburn.edu

