



DISTANCE EDUCATION ADDENDUM

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| COURSE ID: | AUTO COLLISION 024 STRUCTURAL ANALYSIS AND DAMAGE REPAIR |
| DEPARTMENT: | Applied Technology, Auto Collision Department |
| SUBMITTED BY: | Kenny Melancon |
| DATE SUBMITTED: | 6/04/2020 |

For additional resources on completing this form, please visit the DE Website:

www.valleycollege.edu/onlinefacultyresources

1. Please select the distance education method that describe how the course content will be delivered.

Check ALL methods that will be used for offering this course, even if previously approved.

- FO – Fully Online
- PO – Partially Online
- OPA – Online with In-Person Proctored Assessments
- FOMA – Fully Online with Mutual Agreement

2. In what way will this course, being offered in distance education format, meet the needs of the campus?

(Ex: Student Access, Campus Strategic Plan, Campus Mission Statement, Online Education Initiative (OEI), Student Equity, Student Needs). Please be specific.

The AUTO 024, course will be offered as a Hybrid courses. As a well-supported distance education program, it will support the college’s mission statement and prepare students from diverse background to succeed academically and/or prepare the student to enter the workforce by completing the courses needed to earn a degree or certificate. In addition to the services that distance education provides to our students, DE Hybrid course offers the college an eco-friendly means of maintaining, supporting, and expanding programs through a wide spectrum of educational experiences flexible methodologies, and support services.

Included within offerings as an online lecture classes and face to face lab classes, this allows an appropriate portion of a core class to be offers online, while requiring essential elements that must be conducted in a laboratory to remain in the onsite lab area.

3. Will this course require proctored exams?

- No
- Yes - If yes, how?

4. How will the design of this course address student accessibility? Are you including any of the following?

- Captioned Videos
- Transcripts for Audio Files
- Alternative Text for Graphics



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- Formatted Headings
 Other – If other, please explain.

5. Provide a specific example of how the instructor will provide synchronous office hours for distance education students? (Ex: Online Conference Tool, Cranium Classroom, Zoom, Pisces, Skype, etc.)

Regular effective contact will be provided by using email, phone, voicemail, online discussion, video conferencing, and the use of ConferZoom. Furthermore, designated online office hours will be held regularly and immediate response to students' queries and/or feedback on work products will be provided by the instructor.

Scheduled face-to-face meetings will be determined by the instructor based on the offering of the course as a hybrid and should the need arise. The instructor will also be available to students during the scheduled laboratory period. The instructor will meet students face-to-face during scheduled laboratory periods to conduct experiments as well as to discuss difficult concepts.

Email Communication - Students will be contacted via the announcement feature, email, voice mail, telephone contact or face to face meetings (if needed), virtual office hours, and/or Confer Zoom. Immediate response to students' queries will be provided within 48 hours excluding weekends and holidays.

Voice mail - Voice mail will be utilized to respond to students during non-office hours. Students will be allowed to leave a voice mail. Either a phone call or email response will be provided to deliver the requested information and/or address students' concerns or issues.

6. Provide a specific example of how this course's design ensures regular and effective instructor-student contact? (Ex: Threaded discussion forums, weekly announcements, instructor prepared materials, posting video and audio files, timely feedback on exams and projects, synchronous online office hours, synchronous online meetings, synchronous online lectures, etc.)

Orientation at start of course - A "Welcome Letter" introducing the course, its structure, required texts, along with academic support resources such as navigation of the Course Management System (CMS) will be made available to students via email and prior to the start date of the course. The instructor will also provide an overview of online instruction, grading criteria, and the importance of communication between student and instructor.

Zoom and chat opportunities will be provided with instructor participation. The instructor will post weekly announcements (or more frequent if necessary) in the CMS regarding course assignments, schedule of activities, and any other important information to keep students informed. Immediate response to students' queries will be provided within 48 hours excluding weekends and holidays. Furthermore, designated online office hours will be held regularly through the use of video conferencing. Interaction with other students and the instructor will also be accomplished through the use of online discussions, chat rooms, and the use of Confer Zoom. Feedback and comments on all grading products will be through the CMS assignment feature.



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7. **Provide a specific example of how this course will ensure regular and effective student-student contact?**
(Ex: Threaded discussion forums, assigned group projects, threaded discussions, Notebowl, peer-to-peer feedback, synchronous online meetings, etc.)

Chat Rooms – A chat room type of discussion board will be posted to the CMS to encourage students to interact and work together on class assignments. The open discussion forum will be used for students to post questions and answers to one another. Students asking questions general in nature will be directed by the instructor to an interactive threaded discussion forum; dedicated to administrative questions about the course (i. e., Question and Answer Forum). The instructor will moderate the chat room and provide feedback as needed through the CMS within 48 hours excluding weekends and holidays.

Group discussions of critical thinking activities outlining lab procedure will be facilitated in online discussion forums. Instructor-led deliberations will emphasize the models, theories, and principles addressed in lab procedure--giving students a conceptual framework of how the lab fits into the course content. Students will be required to respond to questions posed by the instructor and post responses to peer students' reflections within a specified time frame. The written responses will assist in evaluating the student's ability to explain course concepts quantitatively, qualitatively, and through mixed methods such as observations and paperwork. Evaluation and grading will be based upon student's participation, demonstrated comprehension of educational content areas including safety procedures and the use of relevant equipment in a regulatory context.

8. **Describe what students in this online version of the course will do in a typical week on this class. Include the process starting after initial log in.**

The student will log into the course via canvas. The student will have access to the assigned training module, take the online test then comment on the discussion board in CANVAS, comment on what you have learned within the chapter, review 3 classmates discussions and reply to each of them with your thoughts and concerns and finally test at the end of each week. There will also be work sheets that will pertain to a lab function to complete by doing research on specific procedures and comment in the discussion board about the procedure they have researched There will be a weekly assignment with a rubric that explain the points to be earned with each project within the weekly assignment.

The student will review in online lecture, the announcement which will have instructions of what is to be covered/ reviewed and/or completed this day or week.



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The list of assignment for the week include

- 1: End of Chapter questions
- 2: ASE questions
- 3: Matching
- 4: Videos to watch
- 5: Discussion board
- 6: Weekly Test

9. **Provide a sample statement that could be included in the syllabus for this course that communicates to students the frequency and timeliness of instructor-initiated contact and student feedback.**

Sample Statement: Your success in the course is important to me. Please do not hesitate to contact me if you are having difficulty with the course material(s). General questions about the course should be posted on the QUESTION FORUM. During the week, Monday thru Friday (M-F), I will monitor the QUESTION FORUM several times a day. If you have a concern that requires a response; please send me a direct message. The expected response time is usually within two days.

If you have questions that are more personal in nature; either utilize the "INBOX" feature of Canvas or my Microsoft Outlook email address: instructor e mails address here My goal is to respond to your messages within 24 hours. Twice a week, I will also be available for virtual office hours—one morning and one evening session--using campus e-mail. You will also be able to communicate in real time (synchronously) using the Zoom web conferencing tool during the specific times designated in the course syllabus as virtual office hours. I look forward to working with you!

10. **Provide a specific example of how regular and effective student-student interaction may occur in this online course.**

Collaborative learning groups involving synchronous and/or asynchronous communication will allow students to discuss the proper repairs of vehicles and cooperatively reach conclusions. Student discussion of assigned reading materials (textbooks, instructor-generated hand-outs, and supplementary reading materials) may be achieved either via chat with other students and the instructor, threaded e-mail discussions with other students and the instructor, discussion board postings with other students and the instructor. Evaluation and grading will be based upon student's participation and demonstrated comprehension of educational content areas.

11. **Provide a specific example of how regular and effective instructor-student interaction may occur in this online course.**

The lecture part of the class will be an online course to be completed within the total hours to be equivalent to 54 hrs. for 4-unit class.

Every Monday at time noted for class there will be an announcement on Canvas that class has begun. The class will lead off with an ice breaker then lecture and display a presentation for which all students will have access on Canvas to review.

The presentation will be recorded and lecture for those that missed the initial presentation and lecture.



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Tuesday through Thursday, the instructor will make an announcement in Canvas that he/she are online to assist any students that are struggling with their assignment or wish to review the subject matter covered in class.

The instructor will also be reading/reviewing the discussion board Tuesday through Thursday replying to those who commented in the discussion box.

The students will complete the assignments which include:

- chapter questions,
- ASE question (The ASE questions will help prepare the students for the nationally recognized ASE certification.)
- Matching exercise
- weekly test.
- There are job sheets pertaining to Lab that will consist of exercises that must be completed via research on the subject matter to also include review of videos of the procedure and perform the task in lab to manufacturer specifications.

The student will be required to document on the discussion board what he/she has learned in the lab and from the chapter they read, questions they answered and exercises they completed, the research and reviews of the video's presented to them. Then, after the initial input the student must reply to 3 classmates about their ideas on the subject matter. Grades will be posted weekly. This will total 90 hrs. of lecture and 54 hrs. of lab to equal total class time.

12. Does this course include lab hours? No Yes – If yes, how are you going to accommodate the typical face to face activities in an online environment?

The online course will not be a face to face and will include lab. The process for lab will be worktables spaced apart for 10 students to work and procedures are required to be performed of a specific way which will be graded by the instructor. The instructions for lab will be what is covered that week in lecture.

13. How will you accommodate the SLO and Course Objectives in an online environment?

The Department will accommodate the SLO and course objectives by use of Rubric that will set the level of accomplishment and the score will provide the success of the student



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The rubric will clearly define the student’s knowledge, and his/her ability to provide the accurate material listed that is needed to provide do the process within industry standards. This will in turn describe the student’s ability to synthesize many discreet skills using higher level thinking skills and the produce something that asks them to apply what they’ve learned.

1. Demonstrate appropriate shop and job safety procedures and pass a written test at 80% or better

Explanation:

When the assignment is online the student will demonstrate, by interpretation, the video assigned to the course and establish a strong written conversation in discussion with classmates. After the students submits his/her discussion, he/she must respond to 2 other classmates on the industry safety standards using Personal Protective Equipment (PPE). This must be completed before any lab time starts.

2. Sandblast a rusted panel while using the proper personal protective equipment, using a hand held sandblaster and pass a written test at 80% or better

In the curriculum content, the student will assess and report on how they review, repair the body panels as per manufacturer specifications. EXAMPLE: Every auto collision dealer and manufacturer use specific processes reviewed online in body shop videos to get the proper procedure to replace or repair components. Students will participate in lab training which mirror the procedures used within the industry.

Upon completion of this course students will:

- demonstrate the ability to make repairs or replace body components.
- Understand the theory and practical experience in automotive collision damage repair
- In the lab he/she will use shop safety with a focus on automotive construction, regulations, oxyacetylene and MIG welding, surface preparation, basic spray painting, and detailing.

The rubric will clearly define the student’s knowledge, and his/her ability to provide the accurate material listed that is needed to provide do the process within industry standards. This will in turn describe the student’s ability to synthesize many discreet skills using higher level thinking skills and the produce something that asks them to apply what they’ve learned.

14. Are modifications needed to SLOs or Course Objectives in order to teach this course in the online modality?

No Yes – If yes, please explain the changes needed.

(It is advised that if you are changing course content or objectives that you speak with the Curriculum Co-Chair or Articulation Officer for guidance moving forward.)



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To be completed by a member of the Curriculum Committee Review Team:

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| CURRICULUM CHAIR REVIEWED: | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| DE REVIEW: | | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| CURRICULUM COMMITTEE DIVISION REPRESENTATIVE REVIEWED: | | <input type="checkbox"/> YES <input type="checkbox"/> NO |