

All Fields Report

Basic Course Information	
College	Cañada College
Discipline	FSE.-Funeral Service Education
Course Number	265
Full Course Title	Embalming II
Catalog Course Description	This course is a continuation of FSE. 260. It is the study of vascular anatomy, case analysis, the selection and injection of embalming fluids, and treatment of specific conditions requiring special attention including traumatic deaths, time considerations, moisture considerations and tissue procurement.
Class Schedule Course Description	This course is a continuation of FSE. 260. It includes vascular anatomy, case analysis, and embalming chemical selection. Advanced embalming technique is discussed.
Proposal Information	
Proposed Start	Year: 2021 Semester: Fall
Proposed Curriculum Committee Meeting Date:	11/13/2020
Deadline for submission to Dean's Queue:	10/08/2020
Deadline for submission of curriculum proposal to the Technical Review Committee:	10/20/2020
Proposal Origination Date:	04/10/2020
Justification For Board Report OR Curriculum Inventory update:	<p>1. For NEW Courses: Provide a brief justification statement describing the need for the course, its place in the curriculum, and pertinent information such as the role of advisory committees. New courses require approval of the SMCCCD Board of Trustees. The justification statement will be included on the annual Curricular Board report. Use complete sentences and present tense.</p> <p>2. For all types of Course MODIFICATIONS (modifications, banking, deletions and reactivations): Provide a brief justification statement describing the need for the change. The justification statement will be used for course updates in the State Curriculum Inventory as necessary. Use complete sentences and present tense.</p> <p>Course content is required by the American Board of Funeral Service as described in the ABFSE Embalming, Anatomy, Chemistry, Pathology, and Microbiology outlines and provides the student with an introduction to advanced embalming techniques including: time, moisture and trauma. Additionally the student will be introduced to dressing, casketing and cosmetizing in relation to embalming. This course is a core requirement for the Funeral Service Education Associate in Science Degree.</p>
Honors Course	No
Open Entry/Open Exit	No 0

Equivalent Courses	
Will this course replace an existing course in the catalog, or an experimental course?	No
If yes, identify and explain.	

Similar Courses

Is there a similar or equivalent course in SMCCCD?	No
Added Similar Courses	

Units/Hours

Unit Types	Fixed
Units	Min: 2.00
Variable Range	Range (or)

Hours

Please enter hours as per term values

Method	Min Hours	Max Hours	Min Faculty Load	Min Units
Lecture	32.00	36.00	2.00	2.00
Lab	0.00	0.00	0.00	0.00
TBA	0.00	0.00	0.00	0.00
Work Experience	0.00	0.00	0.00	0.00
Field Experience	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00
Homework	64.00	72.00	0.00	0.00

Other Hours

Course Details

Repeatable for Credit	No
Grading Methods	Letter Grade Only
Audit	No - Please Justify: This course requires special preparation and program admission on a limited basis.

Materials Fee

Fee Required?	No
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Student Learning Outcomes

Upon successful completion of this course, a student will meet the following outcomes:

1. Compare and contrast the various embalming techniques based on a variety of intrinsic and extrinsic decedent conditions
2. Distinguish between the embalming treatments for various causes of death
3. Select the proper embalming technique, fluid selection and arterial injection site based on the condition of the remains

Course Objectives

Upon successful completion of this course, a student will be able to:

1. Compare the different embalming processes related to different causes of death
2. Use funeral service terminology to communicate with members of the allied health professions and the public
3. Describe the correct procedures for raising and incising vessels
4. Identify and demonstrate the various sutures used in closing incisions
5. Analyze and document embalming techniques and procedures with written reports

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| 6. Compare embalming decedents involving infectious disease, trauma, and pathological conditions |
| 7. Relate embalming procedures to disaster situations |
| 8. Choose the proper chemicals for use in creating an embalming solution |
| 9. Describe the proper procedures for embalming an autopsied case |

Course Lecture Content

1. Selection of arteries
 1. Consideration and precaution for each based upon
 1. Accessibility
 2. Surrounding structures
 3. Proximity to aorta
 4. Size
 5. Effect on posing body
 6. Proximity to potentially exposed areas
 7. Practicality of draining from accompanying vein and possibility of arterial occlusion
2. Types of fluids
 1. Vascular
 2. Cavity
 3. Supplemental
 4. Accessory
 5. Sealing agents
 6. Classifications by concentration
 1. Strong
 2. Medium
 3. Weak
 4. Color
 1. non-cosmetic
 2. cosmetic
 7. Components of embalming fluid
 1. Preservatives
 2. Disinfectants
 3. Anticoagulants
 4. Vehicles
 5. Surfactants
 8. Perfuming agents
 9. Modifying agents
3. Fluid dilution
 1. Primary dilution
 2. Secondary dilution
 3. Determination by case analysis
 4. Calculating fluid dilution using formula
 5. Fluid distribution (osmosis and dialysis)
 6. Signs of fluid distribution and diffusion
 7. Summary factors relative to fluid and its injection
 1. Volume
 2. Concentration
 3. Temperature
 4. Pressure
 5. Rate of flow
4. Case analysis
 1. Definition
 2. Intrinsic and extrinsic factors
 3. Vessel selection
5. Proper technique for raising vessels

1. Shave
2. Select instruments
3. Prepare ligature
4. Locate incision site
5. Blunt dissection through superficial areas
6. Find vessel using guides
7. Clean and ligate vein then artery
8. Incise artery and vein
9. Types of vessel incisions
 1. Transverse
 2. Diagonal
 3. Longitudinal
 4. T-incision
 5. Triangular/wedge
6. Sutures for closing incisions
 1. Baseball
 2. Inversion aka: worm, draw
 3. Intradermal
 1. Single
 2. Double
 4. Lock
 5. Whip(roll)
 6. Other methods of closing
 1. Adhesives
 2. Surgical staples
 3. Tapes
7. Vascular injection
 1. Percentage of volume in each area of the vascular system
 2. Procedures for injection
 1. Single point
 2. Split
 3. Multi-point
 4. Restricted cervical
 5. Sectional
 3. Methods of injection
 1. Motorized pump
 2. Gravity
 3. Hand pump
 4. Bulb syringe
 5. Combination gravity and bulb syringe
 6. Air pressure
 4. Pressure considerations
 1. Intravascular and extravascular considerations
 2. Other factors
 3. Cause of death
 4. Postmortem interval
 5. Type of apparatus used
8. Drainage
 1. Purpose and importance
 2. Methods
 1. Alternate
 2. Intermittent
 3. Concurrent
 4. Continuous
 3. Limit exposure to bloodborne pathogens
 4. Methods of stimulating drainage

- 5. Components of drainage
- 6. Difficult drainage problems
- 9. Cavity treatment
 - 1. Defined
 - 2. Purposes
 - 3. Materials aspirated
 - 4. Two theories as to time of procedure
 - 5. Abdominal regions
 - 1. Nine region plan
 - 2. Four region plan
 - 6. Trocar guides for specific organs
 - 7. Aspiration and injection equipment
 - 8. Treatment of puncture
 - 9. Treatment of purge material in nose and throat
- 10. Aspiration of cranial cavity
- 11. Using trocar for reduction of swollen neck
- 12. Re-aspiration
 - 1. Conditions necessitating
 - 2. Method of treatment
- 10. Autopsied cases
 - 1. Alternative terms
 - 2. Cranial treatment
 - 3. Thoracic and/or abdominal autopsy treatment
 - 4. Spinal
 - 5. Partial
 - 6. Exploratory
 - 7. Organ and tissue recovery
- 11. Vascular difficulties
 - 1. Intravascular and their treatments
 - 2. Extravascular and their treatments
 - 3. Prescribed treatments for pathologies

Course Lab Content

TBA Hours Content

Frequently Recommended Preparation	
Frequently Recommended	
Justification for Frequently Recommended Preparation	
<p>Why is the knowledge of the recommended course(s), skill(s) or information necessary for students to succeed in the "target" course? Specify the relationship between the recommended knowledge and skills required of students and those taught in the "target course? (Please list the specific proficiencies students must possess in order to succeed in the "target" course.)</p>	
Other Recommended Preparation	
<i>You have no defined requisites.</i>	

Prerequisites/Corequisites

Drag and Drop to Reorder

Edit/Delete	Requisites	Analysis
	Prerequisite FSE. 250 and	
	Prerequisite FSE. 260	
	Corequisite Concurrent enrollment in	
	Corequisite FSE. 270	

Content Review

FSE. 260 - Prerequisite
(Content to Content)
Launched

FSE. 250 - Prerequisite
(Content to Content)
Launched

FSE. 270 - Corequisite
(Content to Content)
Launched

Mode of Delivery

Modes of Delivery

Online
Hybrid
Lecture

Representative Instructional Methods

Methods

Lecture
Activity
Discussion
Experiments
Guest Speakers

Other Methods

Representative Assignments

Writing Assignments

(List all assignments, including library assignments. Outside assignments are not required for lab-only courses, although they can be given.)

1. Complete a 7-8 page paper on a selected embalming procedure based on a pathology of your choice. One assignment of this nature per semester.
2. Complete a 5-6 page paper on Tissue Gas embalming procedures. One assignment of this nature per semester.

Reading Assignments

(List all assignments, including library assignments. Outside assignments are not required for lab-only courses, although they can be given.)

1. Read 8-10 pages from the required textbook weekly.
2. Read approximately 4 pages from the department student handbook on policies and procedures manual per week.

Other Outside Assignments

(List all assignments, including library assignments. Outside assignments are not required for lab-only courses, although they can be given.)

1. Complete one embalming case report (2 pages) for 10 embalming procedures. This assignment is performed once a semester.

To be Arranged Assignments

(List all assignments, including library assignments. Outside assignments are not required for lab-only courses, although they can be given.)

- Not applicable

Representative Methods of Evaluation

This section defines the ways students will demonstrate that they have met the student learning outcomes.

Student grades will be based on multiple measures of student performance. Instructors will develop appropriate classroom assessment methods and procedures for calculating student grades, including the final semester grade. The following list displays typical assessment methods appropriate for this course. The actual assessment methods used in a particular classroom and section will be listed in the instructor's syllabus.

Methods must effectively evaluate critical thinking. Credit courses must include written communication, problem solving, and/or skills demonstrations.

Multiple measures may include, but are not limited to, the following:

Methods

- Class Work
- Exams/Tests
- Group Projects
- Homework
- Lab Activities
- Oral Presentation
- Papers
- Projects

- Quizzes
- Research Projects

Representative Texts

Textbooks such as the following are appropriate:

Formatting Style

APA

Textbooks

1. Mayer, R. G.. *Embalming: History, Theory and Practice*, 5 ed. McGraw-Hill., 2011
2. de la Cruz, D. and Holmes, R.. *Turning Art Into Science: Applying Chemistry to Funeral Service*, 1 ed. Tuesday Evening Publications, 2016

Manuals

You have no manuals defined.

Periodicals

You have no periodicals defined.

Software

You have no software defined.

Other

1. Cañada College
Funeral Service Education
Student Handbook
2021-2022

Degree/Certificate Applicability

Designation

Degree Credit

Proposed For

AA/AS Degree

Course Designation Text

Are there degrees/certificates to which this course applies? Funeral Service Education (A.S. Degree)

General Education/Degree/Transfer Course

Page Last Saved on Wednesday, Oct 7, 2020 at 5:57 PM
By Damon de la Cruz

CSU Transfer Course

Transfers to CSU Approved

Course Distance Education

Distance Ed Supplement

New distance education supplement

Distance Education

Distance education component was developed by an instructor with training in online pedagogy.
Training: This course was designed in consultation with, and will be taught by, faculty who have received @One, Cañada's QOTL (Quality Online Teaching & Learning) or equivalent certifications.

Method of Distance

Online, Hybrid, Web Assisted Course; (If there are limitations on how this course would be

Education	offered please explain below)
Online Method Limitations	
Other Methods	
Course Content and Methodology	<p>The objectives and content of the course are adequately covered by the methods of instruction, assignments, evaluation of student outcomes, and instructional materials. If this course is currently taught in a lecture mode, the department faculty have determined that the same objectives can be achieved in a distance learning mode.</p> <p>The instructional equipment and materials are sufficient.</p> <p>The preparation and training of faculty are sufficient.</p> <p>Regular personal contact between students and instructor is sufficient.</p> <p>Methods of student evaluation are designed to maintain examination security.</p> <p>Evaluation of student outcomes is sufficient to permit review and assessment of the effectiveness of distance education for this course and to provide information for the annual distance education report.</p>
Instructional Methodologies (How will you deliver the course content?):	<p>Announcements/Bulletin Boards</p> <p>Chat Rooms</p> <p>E-mail</p> <p>Electronic Forum</p> <p>One-Way Video Conferencing (One-way interactive video and two-way interactive audio)</p> <p>Online Presentations</p> <p>Resource Links</p> <p>Two-Way Video conferencing (Two-way interactive video and audio)</p>
Representative Courseware/Textbooks Materials:	
Methods of Evaluation of Student Performance:	Online quizzes (about 1/week) Online midterm exams (about 4/term) Proctored Final Exam
How are you ensuring that students with disabilities can access your course in accordance with Section 508?	<p>1. Videos are captioned 2. Lecture screen-casts are captioned 3. Transcripts are provided for all multi-media files (audio and visual) 4. Alt-text is used for embedded images 5. Standardized formatting is used to support screen readers 6. All files are assessed for accessibility 7. Course is evaluated using the OEI Rubric 8. Faculty will work with DRC to ensure that proper accommodations are provided for students (e.g., extended time, Kurzweil, other UDI supports)</p>

Plan for Regular Effective Communication Contact Between Faculty and Student (Title 5, 55204). "Local policies should establish and monitor minimum standards of regular effective contact."

Announcements/Bulletin Boards - These will occur weekly as a minimum.

Chat Rooms - In person meetings can be during office hours or by appointment.

Email Communication - Email communication will occur through the LMS. Example content will be reminders and notifications. Email responses will be within two days.

Resource Links - Links to relevant news articles will be included with weekly announcements.

Correspondence by postal mail - The instructor will be available via phone during office hours or by appointment.

Office hours - Online Office hours will be scheduled. Office hours can also be by appointment.

Telephone - The instructor will be available via phone during office hours or by appointment.

Study and/or Review Sessions - Non-scheduled sessions can be arranged through the instructor.

Resources Needed

Adequate Library	Consultation with the Coordinator of Library Services regarding the adequacy of campus and online information resources to fulfill course objectives is required prior to course approval. Adequate
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Resources	Please Specify: The accrediting board (the ABFSE) requires funeral specific resources in the library. Standard 8 of the accreditation Manual.
Affected Resources	Which of the following resources do you expect to be affected by the offering of this class? Check as many as appropriate. None of the above
Explain what effect the areas you have checked will have upon this college:	

Comparable Transfer Course Information	
Are there comparable courses?	Yes
Edit/Del	College Info

Minimum Qualification	
No Minimum Qualifications For this Course	

CB Codes	
CB03 TOP Code	1255.00 - Mortuary Science
CB04 Course Credit Status	D - Credit - Degree Applicable
CB05 Course Transfer Status	B = Transferable to CSU only
CB08 Course Basic Skill Status (PBS Status)	2N = Course is not a basic skills course.
CB09 SAM Code	C - Occupational
CB11 California Classification Codes	Y - Credit Course
CB21 Levels Below Transfer	Y = Not Applicable
CB23 Funding Agency Category	A = Fully Economic Development funds
CB25 Course General Education Status	Y - Not Applicable
CB26 Course Support Course Status	N - Course is not a support course

Codes/Dates	
Entry of Special Dates	

Instruction Office Review	11/13/2020
Last Outline Revision	11/13/2020
Content Review	11/13/2020
CC Approval	11/13/2020
DE Approval	11/13/2020
Effective Term	Term: Fall Year: 2021

Web Catalog

Course Family	
Web Catalog	<input type="checkbox"/> Exclude from Web Catalog

Instructional Services

Implementation Date	
Originator	Damon de la Cruz
Origination Date	04/10/2020
Proposal Type	Cañada New Course
C-ID Numbers	
CB00 State ID	
CB03 TOP Code	1255.00 - Mortuary Science
CB04 Course Credit Status	D - Credit - Degree Applicable
CB05 Course Transfer Status	B = Transferable to CSU only
CB08 Course Basic Skill Status (PBS Status)	2N = Course is not a basic skills course.
CB09 SAM Code	C - Occupational
CB10 Course COOP Work Exp-ED	N = Not part of Coop Work Exp
CB11 California Classification Codes	Y - Credit Course
CB13-Special Class Status	N - Not Special
CB21 Levels Below Transfer	Y = Not Applicable
CB22 Non Credit Course Category	Y - Not Applicable
CB23 Funding Agency Category	A = Fully Economic Development funds
CB24-Program Course Status	1 = Program Applicable
CB25 Course General Education Status	Y - Not Applicable
CB26 Course Support Course Status	N - Course is not a support course

Web Catalog Metadata