College Curriculum Committee Meeting Agenda Tuesday, April 16, 2024 2:00 p.m. – 3:30 p.m. Administrative Conference Room 1901; virtual option via Zoom

Item	Time*	Action	Attachment(s)	Presenter(s)
1. Minutes: March 12, 2024	2:00	Action	#4/16/24-1	Kaupp
2. Report Out and Check-in	2:02	Discussion		All
3. Public Comment on Items Not on Agenda (CCC cannot discuss or take action)	2:12	Information		
 4. Announcements a. New Course Proposals b. Foothill GE List for 2024-25 c. Updating AP Chart and Creating IB/CLEP Policy 	2:17	Information	#4/16/24-2–39 #4/16/24-40– 41 #4/16/24-42	CCC Team
d. ASCCC Spring Plenary Resolutions			#4/16/24-43	
5. Course Deactivation Exemption Requests	2:32	Action	#4/16/24-44– 46	Kaupp
6. GE Application: Area III: Sheet Metal Apprenticeship Program	2:37	2nd Read/ Action	#4/16/24-47	Kaupp
7. New Certificate Proposal: Pre-STEM	2:42	Action	#4/16/24-48	Kaupp
8. New Certificate Proposal: Business and Marketing	2:45	Action	#4/16/24-49	Kaupp
9. New Certificate Application: Spanish- Advanced	2:48	1st Read	#4/16/24-50	Kaupp
10. GE Application: Area VI: Steamfitting and Pipefitting Technology Apprenticeship Program	2:53	1st Read	#4/16/24-51	Kaupp
11. Program Maps—Updates for 2024-25	2:58	Information		Hueg
12. Updating Foothill GE	3:08	Discussion		Kaupp
13. COR Process Updates	3:18	Discussion		Kaupp
14. Good of the Order	3:27			Kaupp
15. Adjournment	3:30			Kaupp

*Times listed are approximate

Attachments:

#4/16/24-1	Draft Minutes: March 12, 2024
#4/16/24-2–39	New Course Proposals: ACTG 1AH, ACTG 55, ACTG 56, ART 402A,
	ART 402B, ART 402C, ART 402D, ART 402E, ART 402F, ART 402J,
	ART 403, ART 444, ART 445A, ART 445B, ART 445C, ART 445F,
	ART 446B, <u>ENGR 76A</u> , JRYM 401, <u>MATH 47</u> , <u>MATH 247</u> , <u>NCBS 447</u> ,
	PHOT 408, PHOT 410, PHOT 411, THTR 407, THTR 420B, THTR 420C,
	THTR 422, THTR 424, THTR 438A, THTR 438D, THTR 443C,
	THTR 443E, THTR 447A, THTR 448G, THTR 449A, THTR 463A
#4/16/24-40	Foothill General Education 2024-25
#4/16/24-41	Foothill GE Changes for 2024-25
#4/16/24-42	CCCCO Memo Re: IB, CLEP, and AP Chart Annual Updates

- #4/16/24-43 2024 Spring Plenary Session Resolutions for Discussion at Area Meetings
- #4/16/24-44-46 Course Deactivation Exemption Requests: HORT 60G, MDIA 52,
 - PHOT 57B
- #4/16/24-47 Foothill General Education Application for Area III—Natural Sciences: Sheet Metal Apprenticeship Program
- #4/16/24-48 New Certificate Proposal: Pre-STEM
- #4/16/24-49 New Certificate Proposal: Business and Marketing
- #4/16/24-50 New Certificate Application: <u>Spanish-Advanced</u>
- #4/16/24-51 Foothill General Education Application for Area VI—United States Cultures & Communities: Steamfitting and Pipefitting Technology Apprenticeship Program

2023-2024 Curriculum Committee Meetings:

Fall 2023 Quarter	Winter 2024 Quarter	Spring 2024 Quarter
10/3/23	1/16/24	4/16/24
10/17/23	1/30/24	4/30/24
10/31/23	2/13/24	5/14/24
11/14/23	2/27/24	5/28/24
11/28/23	3/12/24	6/11/24

Standing reminder: Items for inclusion on the CCC agenda are due no later than one week before the meeting.

2023-2024 Curriculum Deadlines:

- 12/1/23 Deadline to submit courses to CSU for CSU GE approval (Articulation Office).
- 12/1/23 Deadline to submit courses to UC/CSU for IGETC approval (Articulation Office).
- 4/19/24 Deadline to submit curriculum sheet updates for 2024-25 catalog (Faculty/Divisions).
- 6/1/24 Deadline to submit new/revised courses to UCOP for UC transferability (Articulation Office).
- 6/21/24 Deadline to submit course updates and local GE applications for 2025-26 catalog (Faculty/Divisions).
- *Ongoing* Submission of courses for C-ID approval and course-to-course articulation with individual colleges and universities (Articulation Office).

Distribution:

Micaela Agyare (LRC), Chris Allen (Dean, APPR), Ben Armerding (LA), Jeff Bissell (KA), Sam Bliss (De Anza AVP Instruction), Cynthia Brannvall (FAC), Rachelle Campbell (HSH), Zach Cembellin (Dean, STEM), Anthony Cervantes (Dean, Enrollment Services), Sam Connell (BSS), Cathy Draper (HSH), Angie Dupree (BSS), Kelly Edwards (KA), Jordan Fong (FAC), Valerie Fong (Dean, LA), Evan Gilstrap (Articulation Officer), Stacy Gleixner (VP Instruction), Kurt Hueg (Administrator Co-Chair), Maritza Jackson Sandoval (CNSL), Ben Kaupp (Faculty Co-Chair), Andy Lee (CNSL), Don Mac Neil (KA), Brian Murphy (APPR), Tim Myres (APPR), Teresa Ong (AVP Workforce), Sarah Parikh (STEM), Eric Reed (LRC), Richard Saroyan (SRC), Amy Sarver (LA), Paul Starer (APPR), Shae St. Onge-Cole (HSH), Kyle Taylor (STEM), Mary Vanatta (Curriculum Coordinator), Voltaire Villanueva (AS President), Catherina Wong (De Anza CCC Faculty Co-Chair), Erik Woodbury (De Anza AS President)

COLLEGE CURRICULUM COMMITTEE

Committee Members - 2023-24

Meeting Date: <u>4/16/24</u>

Co-Cha	<u>airs (2)</u>			
✓*	Ben Kaupp 🛛 4	408-874-6380	Vice President, Academic Senate (tiebreaker vote only)	
			kauppben@fhda.edu	
	Kurt Hueg	7179	Associate Vice President of Instruction	
			huegkurt@fhda.e	edu
<u>Voting</u>	Membership (1 vote p	<u>per division)</u>		
✔*	Micaela Agyare	7086	LRC	agyaremicaela@fhda.edu
 ✓ 	Ben Armerding	7453	LA	armerdingbenjamin@fhda.edu
v	Jeff Bissell	7663	KA	bisselljeff@fhda.edu
✔*	Cynthia Brannvall	7477	FAC	brannvallcynthia@fhda.edu
✓*	Zach Cembellin	7383	Dean-STEM	cembellinzachary@fhda.edu
✔*	Sam Connell	7197	BSS	connellsamuel@fhda.edu
✓*	Cathy Draper	7249	HSH	drapercatherine@fhda.edu
✔*	Angie Dupree		BSS	dupreeangelica@fhda.edu
 ✓ 	Kelly Edwards	7327	KA	edwardskelly@fhda.edu
✔*	Jordan Fong	7272	FAC	fongjordan@fhda.edu
	Valerie Fong	7135	Dean–LA	fongvalerie@fhda.edu
✔*	Evan Gilstrap	7675	Articulation	gilstrapevan@fhda.edu
✔*	Maritza Jackson Sar	ndoval 7409	CNSL	jacksonsandovalmaritza@fhda.edu
✔*	Andy Lee	7783	CNSL	leeandrew@fhda.edu
	Brian Murphy		APPR	brian@pttc.edu
✔*	Tim Myres		APPR	timm@smw104jatc.org
✔*	Sarah Parikh	7748	STEM	parikhsarah@fhda.edu
 ✓ 	Eric Reed	7091	LRC	reederic@fhda.edu
 ✓ 	Richard Saroyan	7232	SRC	saroyanrichard@fhda.edu
✔*	Amy Sarver	7459	LA	sarveramy@fhda.edu
	Shae St. Onge-Cole	e 7818	HSH	stonge-coleshaelyn@fhda.edu
✔*	Kyle Taylor	7126	STEM	taylorkyle@fhda.edu
Non-Vo	otina Membership (4`)		
	<u> </u>	L	ASFC Rep.	
✓*	Mary Vanatta	7439	Curr. Coordinator	vanattamary@fhda.edu
			Evaluations	
			SLO Coordinator	
<u>Visitors</u>	5			
Chris A	1100*			
<u>Cnris A</u>				

* Indicates in-person attendance

College Curriculum Committee Meeting Minutes Tuesday, March 12, 2024 2:00 p.m. – 3:30 p.m. Administrative Conference Room 1901; virtual option via Zoom

Item	Discussion
1. Minutes: February 27, 2024	Motion to approve M/S (Draper, J. Fong). Approved.
2. Report Out and Check-in	Speaker: All Articulation: Gilstrap shared TMC in Chicana/o/x Studies being worked on, as well as descriptors for such courses. Hueg asked if courses would meet the criteria for Ethnic Studies—Gilstrap responded, Ethnic Studies currently an umbrella, and Chicana/o/x Studies is within.
	Apprenticeship: Myres shared continuing to work on Foothill GE apps.
	BSS: No updates to report.
	Counseling: No updates to report.
	Fine Arts & Comm: No updates to report.
	HSH: No updates to report.
	Kinesiology & Athletics: No updates to report.
	Language Arts: Armerding shared working on curriculum sheets and Title 5 updates. Division CC holding workshop for faculty to work on both, incl. consideration of how equity guidelines could also be applied to curriculum sheets.
	LRC: Agyare shared Library offering extended hours next two weeks; mentioned Library will be under construction from spring break through August, to create all-gender restrooms.
	STEM: Parikh shared working on Title 5 updates; Engineering dept. working on new programs.
	SRC: Saroyan shared recently finished final interviews for new dean!
	Vanatta shared CourseLeaf CAT now open for faculty to begin working on their curriculum sheets; emailed owners this morning. Also mentioned will soon create Outlook events for spring quarter CCC meetings and asked reps to email with any changes.
3. Public Comment on Items Not on Agenda	Vanatta congratulated Brannvall on being awarded tenure (as well as Amy Sarver)! Everyone clapped!
4. Announcements	Speakers: CCC Team
a. New Course Proposals	The following proposals were presented: ART 404A, 404B, 404C,
	404D, 404E, 404I, 406, 419A, 419B, 419C, 419D, 419G, 420, 447A,
	questions about including "for older adults" in course titles. and about
	including graded items; noted assignments can increase student
	engagement. Hueg suggested discussing outside of CCC and can
	check in w/ CCCCO folks if guidance needed; noted generally noncredit
	not graded and assessments optional. V. Fong believes noncredit ESL
	attendance policies and do the same work as those in credit versions.

	J. Fong noted CCCCO folks said specific coding defines courses being for older adults, and additional info/language identifying courses as for older adults is local decision. Vanatta suggested CCC come up with recommended language to use in course titles and possibly in course descriptions; Hueg agreed. Connell noted lots of local area demand for such courses, not just from older adults, and wondered if including "for older adults" in title could impact interest. Parikh asked what constitutes an older adult—Kaupp responded, CCCCO has stated it's a local decision. Hueg noted even if we do define older adult, it wouldn't be a restriction on enrollment. Kaupp agreed CCC needs to discuss both definition of older adult and how we want to market courses.
b. CORs for Update 2025-26 (Title 5 list)	Vanatta compiled list of courses that need to be reviewed/updated for the 2025-26 catalog; list was emailed to reps and deans on March 5. COR deadline for 2025-26, incl. Title 5 courses, is June 21. Gilstrap noted if any substantive changes planned for UC transferable courses, deadline is earlier—June 1. Parikh mentioned using new equity doc to help guide faculty in their COR updates; Vanatta will finalize ASAP once it's approved.
5. Course Deactivation Exemption Bequests	Speaker: Ben Kaupp
Hequests	List of courses not faught in four years was distributed via email on Jan. 31; divisions submitted requests to exempt courses, per Policy on Course Currency. Requests for the following courses were reviewed and voted on as a group, with the option to pull any course for individual discussion/vote: ACTG 1BH; ALCB 466, 468; ALTW 233; ANTH 2B, 67B; APPT 126, 190; APSM 123, 130, 131, 132, 133, 134, 155B; ART 15D; BUSI 19; CHLD 73; CNSL 87; C S 20A, 40A, 50C, 56B, 80A; EMS 200; ENGL 49; ESLL 248; GID 46, 47; HIST 54H; HORT 25, 90E, 91E; MATH 1BH, 1BHP, 44; NCEL 403A, 403B, 447; PHOT 22, 68C, 68E, 78B, 78C, 78D; R T 71, 201, 202; SOC 54H; SPAN 110, 111; THTR 7, 26.
	No discussion occurred regarding any specific requests.
	Motion to approve M/S (Reed, Parikh). Approved.
6. New Degree Proposal: Public	Speaker: Ben Kaupp
	have been created for courses (requiring resubmission), and this new ADT will replace the current Public Health Science ADT.
7 New Certificate Proposal: Betail	Motion to approve M/S (Brannvall, Gilstrap). Approved.
7. New Certificate Proposal: Retail Operations Specialist	Speaker: Ben Kaupp Proposal for new Retail Operations Specialist Certificate of Achievement. Allen noted working in partnership w/ Goodwill Industries, launched new apprenticeship program last fall. Received grant last week to build a management pathway, and this cert. will hopefully be first step to associate degree. Hueg asked if courses already exist— Allen responded, created two new courses last year, plus collaborating w/ Business dept. Kaupp noted specifics tying cert. to Goodwill and asked about potential to expand, if needed—Allen responded, agreeing that keeping it broad is probably smart approach.
9 Now Cartificate Propagaly Cupating	Motion to approve M/S (Draper, J. Fong). Approved.
8. New Certificate Proposal: Cupertino	Speaker: Ben Kaupp Proposal for new Cupertino Electric Journeyperson Professional
Development (noncredit)	Development noncredit certificate. Allen mentioned plans to revisit title of cert., meeting w/ Cupertino Electric soon. Professional development

	required for industry, so they're looking to partner with us to provide courses.
	Motion to approve M/S (Gilstrap, J. Fong). Approved.
9. Best Practices for Equitable COR Updates: Equity in the COR - Why and How	Speaker: Ben Kaupp Second read of "Equity in the COR - Why and How" document. Minor update made to document since first read, to language re: Course Content. Parikh asked what today's goal is—Kaupp responded, approve document and discuss how to best distribute. Parikh shared feedback from Jeff Schinske, who is well-known researcher on equity in curriculum and was on sabbatical when Guiding Principles doc created last year, so unable to provide feedback. Parikh wonders if any of Schinske's suggestions could be incorporated into this doc, since we're not currently in the process of revising Guiding Principles.
	Schinske arrived, and Kaupp provided brief background of creation of Guiding Principles. Mentioned plans to create series of short videos on specific equity-related topics. Schinske shared he holds roles at state-wide level and noted certain things happening at state level relevant to CCC's equity work, incl. Common Course Numbering. Interested in participating in CCC's future efforts re: equity. Cormia mentioned recent discussions re: how to accommodate students who need "extra" attention for safety in Chemistry labs. Kaupp noted recent discussions on need to bring "doubly impacted" students into equity conversation. Brannvall curious to hear from Schinske before voting on doc; Schinske believes his feedback more related to Guiding Principles doc. Mentioned Course Content—not only do some courses contain high volume of trivial content, not retained by students, but volume may preclude inclusion of equity, because course is already so packed with content. Worthwhile for faculty to consider to what extent they're going beyond what is required (by C-ID, for example).
	Brannvall asked if it's even feasible for a college to completely redo or abandon canons when revising a course. Schinske agreed we must recognize the rules/guidelines imposed upon us and shared example of success—a few years ago made many changes to BIOL 40A/B/C to address equity, even though there were articulation-related concerns; able to maintain every articulation agreement! Parikh asked if reducing Course Content helpful just so equity can be incorporated—Schinske mentioned many decades of evidence show students leave STEM majors due to volume and pace of content in intro courses; students who make it through also find intro courses contain irrelevant content. This has also been found to be an issue in intro music theory courses, so not just related to STEM. Brannvall asked if this is the case for both lower and upper division courses and noted interest in maintaining rigor in courses, to ensure students will continue to be successful after they transfer. Schinske believes this raises questions about what students need to do to prepare and clarified this is not about reducing rigor but about content not being retained by students. Additionally, high volume can make it hard to focus on the more important aspects of a course.
	Parikh shared example of foundational, rigorous course she teaches, noting grading system based on essentiality of content; believes faculty are experts in their own spaces, and this approach could be applied to any course. Brannvall shared not interested in having her students memorize content but instead developing important skills, such as critical thinking, writing, research. Parikh suggested updating doc to add bullet on Course Content page: "additionally, volume and pace of

	Course Content can be a source of inequity and could be reconsidered." Connell and Schinske agreed.
	Motion to approve with added bullet on Course Content page M/S (Parikh, Lee). Approved.
	Kaupp noted topic will continue to be discussed during spring quarter.
10. Resolution to Extend Student Graduation Petition Deadline	Speaker: Samuel Connell Second read of Resolution to Extend Student Graduation Petition Deadline, proposed by Connell. Connell asked if CCC has purview to influence these processes and deadlines, and what would happen if resolution passed; asked if study committee could be formed, at CCC or Academic Senate—Kaupp responded, CCC could make recommendations to Academic Senate but cannot directly make changes to these processes or deadlines. Kaupp believes first Resolved should be removed from document (based on insight shared during first read), but other three Resolved could be explored by a subcommittee. Gilstrap noted Counseling dept. does reach out to students re: graduation and wonders what would be studied by a subcommittee. Lee wonders if resolution is needed or if creation of a subcommittee would be more beneficial. Kaupp noted feedback from counselors that sometimes they spend more time doing behind-the- scenes work than counseling students and wonder if certain tasks could be automated. Believes there is some desire to streamline processes.
	Motion to create a subcommittee (approx. 5 participants) to discuss topic and return to CCC during spring quarter with recommendations on ideas M/S (Kaupp, Reed). Approved.
	Note that resolution was not voted on. Kaupp would like subcommittee to provide progress update to CCC by April 30.
11. GE Application: Area III: Sheet Metal Apprenticeship Program	Speaker: Ben Kaupp First read of GE application, which would approve Foothill GE Area III for students who complete the full major requirements for Sheet Metal, not one individual course. Kaupp reminded the group that the Apprenticeship folks have extended an invitation for site visits. Starer mentioned feedback from previous meeting incorporated when filling out this app and noted the division plans to use same format/approach for future apps; please let Apprenticeship folks know if any changes requested for future apps.
	Second read and possible action will occur at next meeting.
12. College Curriculum Committee Report on Progress Regarding Local General Education Requirements	Speaker: Ben Kaupp First read of document, which outlines CCC's recommendations for updating Foothill GE pattern for 2025-26 catalog. Final version will be forwarded to Academic Senate. Dupree commented that language in bullet 1c (re: Lifelong Learning) seems contradictory; Kaupp will revise wording, but clarified that CCC leaning toward removing Lifelong Learning requirement while being committed to finding ways of encouraging students to continue to take such courses. Gibbs strongly recommends keeping Lifelong Learning requirement. Kaupp shared he's received a lot of feedback stressing the importance of helping students complete requirements quickly. Further discussion occurred re: wording of bullet 1c, and group came up with: "It is our suggestion to respond to ASCCC's request by using marketing and other efforts to encourage students to continue to take these classes, despite them no longer being required."
	Lee asked about plan to vote on actual changes to Foothill GE—Kaupp

	responded, this doc is a progress report to send to Academic Senate, and conversations will occur w/ De Anza in hopes to align local GE between both colleges. Unsure when actual voting will take place, but hopes by end of spring quarter. Gilstrap mentioned recent discussions with new Articulation Officer at De Anza; Allen thanked Gilstrap for his work to align our curriculum w/ De Anza.
	Motion to suspend two reads rule M/S (Lee, Parikh). Approved.
	Motion to approve document with update to wording in bullet 1c M/S
	(Brannvall, J. Fong). Approved. Kaupp will present recommendations
13. Good of the Order	Cormia shared taking a class in humanizing STEM and believes faculty
	need to be very judicious re: what needs to be taught and which content
	is absolutely important, noting much has changed over the many
	decades since COR standards created.
14. Adjournment	3:28 PM

Attendees: Micaela Agyare (LRC), Chris Allen* (Dean, APPR), Ben Armerding (LA), Cynthia Brannvall* (FAC), Zach Cembellin* (Dean, STEM), Sam Connell* (BSS), Robert Cormia (STEM), Cathy Draper* (HSH), Angie Dupree* (BSS), Kelly Edwards (KA), Jordan Fong* (FAC), Valerie Fong* (Dean, LA), Patricia Gibbs (BSS), Evan Gilstrap* (Articulation Officer), Matthew Hajny (APPR), Kurt Hueg* (Administrator Co-Chair), Maritza Jackson Sandoval* (CNSL), Ben Kaupp* (Faculty Co-Chair), Andy Lee* (CNSL), Don Mac Neil (KA), Tim Myres* (APPR), Sarah Parikh* (STEM), Eric Reed* (LRC), Richard Saroyan (SRC), Jeff Schinske (STEM), Andrew Stafford (APPR), Paul Starer (APPR), Kyle Taylor* (STEM), Mary Vanatta* (Curriculum Coordinator) * Indicates in-person attendance

Minutes Recorded by: M. Vanatta

Viewing: ACTG F01AH : HONORS FINANCIAL ACCOUNTING I

Last edit: 03/20/24 1:49 pm

Date Submitted: 03/03/24 6:10 pm

Changes proposed by: Sara Seyedin (10517752)

Course Proposa	Form			
Faculty Author	Sara Seyedin			Approval Path 1. 03/19/24 2:25 pm
Effective Term	Summer 2025			Samuel Connell (connellsamuel)
Subject	Accounting (ACTG)	Course Number	F01AH	Approved for 1SS
Department	Accounting (ACTG)			Curriculum Rep
Division	Business and Social Sciences (1S	SS)		
Units	5			
Hours	5 hours lecture			
Course Title	HONORS FINANCIAL ACCOUNT	TING I		
Short Title	HONORS FINANCIAL ACCOUNT	TING I		
Proposed Transferability	UC/CSU			
Proposed Description and Requisites:	Study of accounting as an informatis used by investors, creditors, and accounting information system, independent of generally accepted accounting the financial statements, and finant asset, liability, and equity valuation internal controls, and ethics. Finant sequence: ACTG 1A or ACTG 1A	tion system, examining why it d others to make decisions. The cluding recording and reporting ccounting cycle, ethics in accor- principles, international financia incial statement analysis. Includ n, revenue and expense recogni ncial Accounting is covered over H and ACTG 1B or ACTG 1BH	is important and how it the course covers the g of business unting, the application al reporting standards, les issues relating to nition, cash flow, er a 2-course I.	
Proposed Discipline	Accounting			
To which Degree(s)	or Certificate(s) would this course p AA Degree Certificate of Achievement AA-T D AS-T Degree	ootentially be added? Degree		
Are there any other this course?	departments that may be impacted	from the addition of		
	No			
Comments & Other	Relevant Information for Discussion This course is the Honors version	n: of Financial Accounting I.		
Reviewer Comments				Kev: 8946

In Workflow

Rep 2. Curriculum

1.1SS Curriculum

Coordinator

3. Activation

In Workflow

Rep 2. Curriculum

1.1SS Curriculum

Coordinator 3. Activation

Date Submitted: 03/03/24 6:06 pm

Viewing: ACTG F055. : INFORMATION SYSTEMS & CONTROLS (ISC)

Last edit: 03/20/24 2:40 pm

Changes proposed by: Sara Seyedin (10517752)

Course Brones			Approval Path
Faculty Author	Sara Seyedin & Arthur Ardizzone	3	1. 03/19/24 2:26 pm Samuel Connell (connellsamuel):
Effective Term	Summer 2025		Approved for 1SS
Subject	Accounting (ACTG)	Course Number F055.	Ouniculum nep
Department	Accounting (ACTG)		
Division	Business and Social Sciences (1	SS)	
Units	5		
Hours	5 hours lecture		
Course Title	INFORMATION SYSTEMS & CO	NTROLS (ISC)	
Short Title			
Proposed Transferability	CSU Only		
Proposed	This course focuses on information	on systems, information technology governance and	
Description and	risk assessment, processing inter	grity and tests of controls, availability, confidentiality	
ricquisites.	Security and Protection of Inform	ation Assets.	
Proposed Discipline	Accounting		
To which Degree(s) or Certificate(s) would this course	potentially be added?	
	AA Degree in Accounting		
Are there any othe	er departments that may be impacted	I from the addition of	

this course?

No

Comments & Other Relevant Information for Discussion:

Effective January 1, 2024 the American Institute of Certified Public Accountants (AICPA) and the National Association of State Boards of Accountancy (NASBA) updated the Certified Public Accountant (CPA) licensing model to better reflect the changing skills necessary to practice as a CPA. The revised testing approach, designated as the "CPA Evolution", comprises two main sections, (1) Core & (2) Disciplines.

Core

- Auditing & Attestation (AUD)
- Financial Accounting & Reporting (FAR)
- Taxation & Regulation (REG)

Disciplines

- Business Analysis & Reporting (BAR)
- Information Systems & Controls (ISC)
- Tax Compliance & Planning (TCP)

All CPA exam applicants must take the Core portion of the exam; however, applicants are given their choice of selecting one of the Discipline area tests. The Discipline sections will allow applicants to focus on an area that they plan to specialize in and select a test that matches their interest. While the content of the Core area is very similar to areas previously tested on the CPA exam, the Discipline areas are mostly new content, not previously tested to this degree.

In order to help students, prepare for the new Discipline areas of the CPA exam, we are proposing this course to cover the unique contents covered in Information Systems & Controls (ISC) segment of the CPA exam.

Reviewer Comments

> Key: 8944 Preview Bridge

New Course Proposal In Workflow Date Submitted: 03/03/24 6:08 pm 1.1SS Curriculum Viewing: ACTG F056. : BUSINESS ANALYSIS & REPORTING (BAR) Rep 2. Curriculum Last edit: 03/20/24 2:42 pm Coordinator Changes proposed by: Sara Seyedin (10517752) 3. Activation **Course Proposal Form** Approval Path Faculty Author Sara Seyedin & Arthur Ardizzone 1. 03/19/24 2:26 pm Samuel Connell Effective Term Summer 2025 (connellsamuel): Accounting (ACTG) Course Number F056. Subject Approved for 1SS Curriculum Rep Department Accounting (ACTG) Division Business and Social Sciences (1SS) Units 5 Hours 5 hours lecture Course Title **BUSINESS ANALYSIS & REPORTING (BAR)** Short Title Proposed CSU Only Transferability Proposed Given the increasing complexity of today's business environment, CPAs are expected Description and to be proficient in a wide array of advanced technical accounting topics, covering both **Requisites:** for-profit entities and governmental agencies. Determining the proper application of these advanced topics will require research skills as well as business analysis, and advanced data analytics capabilities. The main topics covered in this course include applied research, business analysis, technical accounting and reporting, state and local governments and data and technology concepts. Proposed Accounting Discipline To which Degree(s) or Certificate(s) would this course potentially be added?

AA Degree in Accounting

Are there any other departments that may be impacted from the addition of this course?

No

Comments & Other Relevant Information for Discussion:

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Core

- Auditing & Attestation (AUD)
- Financial Accounting & Reporting (FAR)
- Taxation & Regulation (REG)

Disciplines

- Business Analysis & Reporting (BAR)
- Information Systems & Controls (ISC)
- Tax Compliance & Planning (TCP)

All CPA exam applicants must take the Core portion of the exam; however, applicants are given their choice of selecting one of the Discipline area tests. The Discipline sections will allow applicants to focus on an area that they plan to specialize in and select a test that matches their interest. While the content of the Core area is very similar to areas previously tested on the CPA exam, the Discipline areas are mostly new content, not previously tested to this degree.

In order to help students, prepare for the new Discipline areas of the CPA exam, we are proposing this course to cover the unique contents covered in Business Analysis & Reporting (BAR) segment of the CPA exam.

Reviewer Comments

> Key: 8945 Preview Bridge

Date Submitted: 03/13/24 10:47 am

Viewing: ART F402A : HISTORY OF ART: HISTORY OF WESTERN **ART FROM PREHISTORY THROUGH EARLY CHRISTIANITY:** FOR OLDER ADULTS

Last edit: 03/21/24 9:00 am

Changes proposed by: Hilary Gomes (10926523)

Course Proposa	l Form		n	(fongjordan):
Faculty Author	Hilary Gomes			Approved for 1FA Curriculum Rep
Effective Term	Summer 2025			
Subject	Art (ART)	Course Number	F402A	
Department	Art (ART)			
Division	Fine Arts and Communicat	ion (1FA)		
Units	0			
Hours	4 hours lecture, 1.5 hours l	ab		
Course Title	HISTORY OF ART: HISTO PREHISTORY THROUGH OLDER ADULTS	RY OF WESTERN ART FROM EARLY CHRISTIANITY: FOR		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	History of Western Art from survey course for older adu from the Paleolithic era to th Mesopotamian, Egyptian, G This course includes Illustra	Prehistory through Early Christianity: Ilts examining images, objects, and ar he end of the Roman Empire. We will Greek, Roman, and Early Christian and ated lectures and readings.	An introductory chitecture produced discuss Prehistoric, d Byzantine culture.	
Proposed Discipline	Art History			
To which Degree(s)	or Certificate(s) would this co None, this will be a stand-a	ourse potentially be added? lone non-credit course for older adults).	
Are there any other this course?	departments that may be imp	pacted from the addition of		
	No			
Comments & Other	Relevant Information for Disc This non-credit course for c WESTERN ART FROM PR will be to add ART 2A and b	cussion: older adults will be stacked with ART 2 REHISTORY THROUGH EARLY CHR ART 402A to the stacked FA MOU.	A HISTORY OF STIANITY. The plans	
Reviewer				

Comments

Approval Path

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

1. 03/19/24 2:28 pm Jordan Fond

Date Submitted: 03/13/24 10:47 am

Viewing: ART F402B : HISTORY OF WESTERN ART FROM THE MIDDLE AGES TO THE RENAISSANCE: FOR OLDER ADULTS

Last edit: 03/21/24 8:59 am

Changes proposed by: Hilary Gomes (10926523)

Course Proposal	Form		***	1. 03/19/24 2:29 pm
Faculty Author	Hilary Gomes			Jordan Fong (fongjordan):
Effective Term	Summer 2025			Approved for 1FA
Subject	Art (ART)	Course Number	F402B	Curriculum nep
Department	Art (ART)			
Division	Fine Arts and Communication (1FA)			
Units	0			
Hours	4 hours lecture, 1.5 hours lab			
Course Title	HISTORY OF WESTERN ART FROM THE RENAISSANCE: FOR OLDER A	I THE MIDDLE AGES TO DULTS		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	History of Western art from ca. 600 the older adults examining the Middle Age and architecture to develop a compre- religious forces that shaped this period readings.	rough ca. 1600: An introduc as and the Renaissance usi nensive understanding of th d. This course includes illus	ctory survey course for ing images, objects, re social, political, and strated lectures and	
Proposed Discipline	Art History			
To which Degree(s)	or Certificate(s) would this course poter None. This will be a stand-alone non-c	ntially be added? credit course for older adult	s.	
Are there any other this course?	departments that may be impacted fron	n the addition of		
	No			
Comments & Other	Relevant Information for Discussion: This is a non-credit course for older ac course ART 2B HISTORY OF WESTE RENAISSANCE. The plans will be to a MOU.	dults (55 plus) and will be s RN ART FROM THE MIDI add ART 2B and ART 402E	tacked with credit DLE AGES TO THE 3 to the stacked FA	
Reviewer Comments				Key: 8936

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator 3. Activation

Approval Path

Date Submitted: 03/13/24 10:49 am

Viewing: ART F402C : HISTORY OF WESTERN ART FROM THE BAROQUE TO IMPRESSIONISM: FOR OLDER ADULTS

Last edit: 03/21/24 9:24 am

Changes proposed by: Hilary Gomes (10926523)

Course Proposa	I Form		10111	1. 03/19/24 2:30 pm
Faculty Author	Hilary Gomes			Jordan Fong (fongjordan):
Effective Term	Summer 2025			Approved for 1FA
Subject	Art (ART)	Course Number	F402C	Gunioudin hop
Department	Art (ART)			
Division	Fine Arts and Communication	(1FA)		
Units	0			
Hours	4 hours lecture, 1.5 hours lab			
Course Title	HISTORY OF WESTERN AR IMPRESSIONISM: FOR OLD	T FROM THE BAROQUE TO ER ADULTS		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	History of Western art from ca for older adults examining ima Baroque to contemporary wor readings.	. 1600 to the 21st century: An intro ges, objects, and architecture proc ld. This course will include illustrate	ductory survey course Juced from the ed lectures and	
Proposed Discipline	Art History			
To which Degree(s)	or Certificate(s) would this cour None. This will be a stand-alo	se potentially be added? ne non-credit course for older adult	ts.	
Are there any other this course?	departments that may be impac	cted from the addition of		
	No			
Comments & Other	Relevant Information for Discus This is a non-credit course for course ART 2C: HISTORY OF CONTEMPORARY. The plans MOU.	ssion: older adults (55 plus) and will be s WESTERN ART FROM THE BAF will be to add ART 2C and ART 40	tacked with credit ROQUE TO 02C to the stacked FA	
Reviewer Comments				Kev: 8937

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator 3. Activation

Approval Path

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator

3. Activation

Viewing: ART F402D : AFRICAN, OCEANIC & NATIVE AMERICAN ART: FOR OLDER ADULTS

Last edit: 03/21/24 9:28 am

Date Submitted: 03/13/24 10:49 am

Changes proposed by: Hilary Gomes (10926523)

0				Approval Path
Course Propos	sal Form			1. 03/19/24 2:30 pm
Faculty Author	Hilary Gomes			(fongjordan):
Effective Term	Summer 2025			Approved for 1FA
Subject	Art (ART)	Course Number	F402D	
Department	Art (ART)			
Division	Fine Arts and Communication	i (1FA)		
Units	0			
Hours	4 hours lecture, 1.5 hours lab			
Course Title	AFRICAN, OCEANIC & NATI\ ADULTS	VE AMERICAN ART: FOR OLDER		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	In this art history course for old arts produced by a selection o America. This course includes American art and society. Art of historical context and as part of and worldview. The course will Nigeria: Ife, Benin, Yoruba, Igk Hawaii, Rapa Nui, New Zealar Southwest, Plains, Northwest This course is designed to rela Lectures will be directed towar course content. We will study p environmental art, and modern include a field trip to a museur	der adults, a chronological and then of societies from Africa, Oceania, an a the influences of these diverse nor objects will be analyzed within the re- of a larger matrix of myth, ritual, relig Il include an examination of art from bo, etc.), Melanesia (e.g., New Guin nd), and Native North America (e.g., Coast, Arctic and Subarctic, etc.) or ate contemporary artistic expression rds illustrating and interpreting the s painting, sculpture, architecture, con n digital media from across the work m.	natic examination of d Native North h-Western arts on elevant social and gious belief, politics, West Africa (e.g., hea), Polynesia (e.g., , Woodlands, n the art of this period. h to modern thought. hubjects listed in the nceptual art, d. This course will	
Proposed Discipline	Art History			
To which Degree(s) or Certificate(s) would this cour None. This will be a stand-alor	rse potentially be added? ne non-credit course for older adults	5.	
Are there any oth this course?	er departments that may be impac	cted from the addition of		
	No			
Comments & Oth	er Relevant Information for Discus This is a non-credit course for course ART 2D AFRICAN, OC add ART 2D and ART 402D to	ssion: older adults (55 plus) and will be st CEANIC & NATIVE AMERICAN ART o the stacked FA MOU.	acked with credit ſ. The plans will be to	
Reviewer				

New Course Proposal In Workflow Date Submitted: 03/13/24 10:49 am 1. 1FA Curriculum Viewing: ART F402E : A HISTORY OF WOMEN IN ART: FOR OLDER Rep 2. Curriculum **ADULTS** Coordinator 3 Activation Last edit: 03/21/24 9:31 am Changes proposed by: Hilary Gomes (10926523) Approval Path **Course Proposal Form** 1. 03/19/24 2:31 pm Jordan Fong Faculty Author Hilary Gomes (fongjordan): Approved for 1FA Effective Term Summer 2025 Curriculum Rep Subject Art (ART) F402E Course Number Department Art (ART) Division Fine Arts and Communication (1FA) Units 0 Hours 4 hours lecture, 1.5 hours lab Course Title A HISTORY OF WOMEN IN ART: FOR OLDER ADULTS Short Title Proposed None Transferability Proposed In this art history course for older adults is a chronological, thematic, and cross-cultural Description and examination of artworks and gender issues concerning women artists from the early **Requisites:** Middle Ages to the 21st century. This course includes the influences on art produced by women of such issues as race, gender, socio-economic and political conditions, increasing urbanization and conceptions of nature, etc. Proposed Art History Discipline To which Degree(s) or Certificate(s) would this course potentially be added? None. This will be a stand-alone non-credit course for older adults. Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: This is a non-credit course for older adults (55 plus) and will be stacked with credit course ART 2E A HISTORY OF WOMEN IN ART. The plans will be to add ART 2E and ART 402E to the stacked FA MOU. Reviewer Comments

> Key: 8940 Preview Bridge

Date Submitted: 03/13/24 10:49 am

Viewing: ART F402F : INTRODUCTION TO ASIAN ART: FOR OLDER ADULTS

Last edit: 03/21/24 9:34 am

Changes proposed by: Hilary Gomes (10926523)

				Approval Path
Course Proposa	al Form			1. 03/19/24 2:31 pm
Faculty Author	Hilary Gomes			(fongjordan):
Effective Term	Summer 2025			Approved for 1FA
Subject	Art (ART)	Course Number F402F		Cumoulum riep
Department	Art (ART)			
Division	Fine Arts and Communicati	on (1FA)		
Units	0			
Hours	4 hours lecture, 1.5 hours la	ab		
Course Title	INTRODUCTION TO ASIAN	N ART: FOR OLDER ADULTS		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	In this course for older adult the Neolithic Age to the pres ceramics. This course empt traces the changes in style, great religious traditions of 0	s, an introduction to the art of India, China, and sent, covering painting, sculpture, architecture, a nasizes the cultural, social, and historical meanin meaning, and use of art within the broader conte China, Japan, and India.	Japan from Ind Ig of art and ext of the	
Proposed Discipline	Art History			
To which Degree(s	s) or Certificate(s) would this co None. This will be a stand-a	ourse potentially be added? alone non-credit course for older adults.		
Are there any othe this course?	er departments that may be imp	acted from the addition of		
	No			
Comments & Othe	er Relevant Information for Disc This is a non-credit course f course ART 2F INTRODUC ART 402F to the stacked FA	ussion: or older adults (55 plus) and will be stacked with TION TO ASIAN ART. The plans will be to add A A MOU.	credit NRT 2F and	
Reviewer Comments				Kev: 8941

Preview Bridge

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Date Submitted: 03/13/24 10:50 am

Viewing: ART F402J : AMERICAN ART: FOR OLDER ADULTS

Last edit: 03/21/24 9:37 am

Changes proposed by: Hilary Gomes (10926523)

manges proposed b			3. Activation
Course Proposal	l Form		Approval Bath
Faculty Author	Hilary Gomes		1. 03/19/24 2:31 pm
Effective Term	Summer 2025		Jordan Fong (fongjordan):
Subject	Art (ART)	Course Number F402J	Approved for 1FA
Department	Art (ART)		Curriculum Rep
Division	Fine Arts and Communication (1	IFA)	
Units	0		
Hours	4 hours lecture, 1.5 hours lab		
Course Title	AMERICAN ART: FOR OLDER	ADULTS	
Short Title			
Proposed Transferability	None		
Proposed Description and Requisites:	In this art history course for olde diverse arts produced in North A to the present. American art is co the important influences on art o religion, ethnicity, socio-econom	r adults, examination of the history of the culturally merica (specifically the United States) from prehistory onsidered thematically and chronologically, focusing on f nature, landscape, urbanization, gender, race, ic and political reforms, and civil and international wars.	
Proposed Discipline	Art History		
To which Degree(s)	or Certificate(s) would this course None. This will be a stand-alone	potentially be added? non-credit course for older adults.	
Are there any other this course?	departments that may be impacte	d from the addition of	
	No		
Comments & Other	Relevant Information for Discussi This is a non-credit course for ol course ART 2J AMERICAN ART stacked FA MOU.	on: der adults (55 plus) and will be stacked with credit . The plans will be to add ART 2J and ART 402J to the	
Reviewer Comments			

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator

Date Submitted: 03/13/24 10:51 am

Viewing: ART F403. : HISTORY OF MODERN ART FROM POST-**IMPRESSIONISM TO THE PRESENT: FOR OLDER ADULTS**

Last edit: 03/21/24 9:39 am

Changes proposed by: Hilary Gomes (10926523)

Course Proposal	l Form			1. 03/19/24 2:31 pm
Faculty Author	Hilary Gomes			Jordan Fong (fongjordan):
Effective Term	Summer 2025			Approved for 1FA
Subject	Art (ART)	Course Number	F403.	Cunculum nep
Department	Art (ART)			
Division	Fine Arts and Communication	(1FA)		
Units	0			
Hours	4 hours lecture, 1.5 hours lab			
Course Title	HISTORY OF MODERN ART F TO THE PRESENT: FOR OLD	FROM POST-IMPRESSIONISM ER ADULTS		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	A study of art and architecture of day, emphasizing the important of this period. This course is de modern thought. Lectures will be subjects listed in the course con conceptual art, environmental a field trip will be taken to a muse	for older adults from Post-Impressi ce of social, economic, and politica esigned to relate contemporary artis be directed towards illustrating and intent. We will study painting, sculp art, and modern digital media from eum.	onism to the present I influences on the art stic expression to interpreting the ture, architecture, across the world. A	
Proposed Discipline	Art History			
To which Degree(s)	or Certificate(s) would this cours None. This will be a stand-alon	e potentially be added? e non-credit course for older adults	Э.	
Are there any other this course?	departments that may be impact	ed from the addition of		
	No			
Comments & Other	Relevant Information for Discuss This is a non-credit course for o course ART 3 HISTORY OF MO PRESENT The plans will be to	sion: older adults (55 plus) and will be st ODERN ART FROM POST-IMPRE add ART 3 and ART 403 to the sta	acked with credit SSIONISM TO THE acked FA MOU.	
Reviewer				

Comments

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator 3. Activation

Approval Path

Date Submitted: 03/07/24 12:00 pm

Viewing: ART F444. : CERAMIC SCULPTURE: FOR OLDER ADULTS

Last edit: 03/21/24 9:44 am

Changes proposed by: Hilary Gomes (10926523)

					A	oproval Path
Course Proposa	I Form				1.	03/19/24 2:11 pm
Faculty Author	Hilary Gomes					Jordan Fong (fongjordan):
Effective Term	Summer 2025					Approved for 1FA Curriculum Ben
Subject	Art (ART)		Course Number	F444.		Cumoulum riop
Department	Art (ART)					
Division	Fine Arts and Communica	tion (1FA)				
Units	0					
Hours	3 hours lecture, 3 hours la	b				
Course Title	CERAMIC SCULPTURE:	FOR OLDER ADU	ILTS			
Short Title						
Proposed Transferability	None					
Proposed Description and Requisites:	Studio practice for older ac	dults in designing a	and creating original	ceramic sculpture.		
Proposed Discipline	Art					
To which Degree(s)	or Certificate(s) would this o None. This will be a stand-	course potentially b alone non-credit c	be added? ourse for older adult	is.		
Are there any other this course?	departments that may be im	npacted from the a	ddition of			
	No					
Comments & Other	Relevant Information for Dis This is a non-credit course course ART 44 CERAMIC to the stacked FA MOU.	scussion: for older adults (5 SCULPTURE. The	55 plus) and will be s e plans will be to add	tacked with credit d ART 44 and ART 4	144	
Reviewer						
Comments						

Key: 8933 Preview Bridge

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Date Submitted: 03/07/24 10:33 am

Viewing: ART F445A : BEGINNING CERAMICS HANDBUILDING: FOR OLDER ADULTS

Last edit: 03/21/24 9:46 am

Changes proposed by: Hilary Gomes (10926523)

			Α	pproval Path
Course Propos	al Form		1	03/19/24 2:11 pm
Faculty Author	Hilary Gomes			Jordan Fong (fongjordan):
Effective Term	Summer 2025			Approved for 1FA
Subject	Art (ART)	Course Number F445A		Curricularit top
Department	Art (ART)			
Division	Fine Arts and Communication	(1FA)		
Units	0			
Hours	3 hours lecture, 3 hours lab			
Course Title	BEGINNING CERAMICS HAN ADULTS	IDBUILDING: FOR OLDER		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	An introduction to basic ceram will introduce ceramic hand-bu construction, as well as exami	ic hand-building techniques for older adults. Thi ilding techniques, including pinching, coil, and s ne various high and low-fire glazing techniques.	s course lab	
Proposed Discipline	Art			
To which Degree(s	s) or Certificate(s) would this cours None. This will be a stand-alor	se potentially be added? he non-credit course for older adults.		
Are there any othe this course?	er departments that may be impac	ted from the addition of		
	No			
Comments & Othe	Pr Relevant Information for Discus This is a non-credit course for course ART 45A BEGINNING ART 45A and ART 445A to the	sion: older adults (55 plus) and will be stacked with c CERAMICS HAND-BUILDING. The plans will b e stacked FA MOU.	redit e to add	
Reviewer Comments				

Key: 8931

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

New Course Proposal In Workflow Date Submitted: 03/07/24 10:34 am 1. 1FA Curriculum Viewing: ART F445B : BEGINNING CERAMICS POTTER'S WHEEL: 2. Curriculum FOR OLDER ADULTS 3. Activation

Last edit: 03/21/24 9:49 am

Changes proposed by: Hilary Gomes (10926523)

			Approval Path
Course Proposa	I Form		1. 03/19/24 2:12 pm
Faculty Author	Hilary Gomes		Jordan Fong (fongjordan):
Effective Term	Summer 2025		Approved for 1FA
Subject	Art (ART)	Course Number F445B	
Department	Art (ART)		
Division	Fine Arts and Communica	ation (1FA)	
Units	0		
Hours	3 hours lecture, 3 hours la	ab	
Course Title	BEGINNING CERAMICS ADULTS	POTTER'S WHEEL: FOR OLDER	
Short Title			
Proposed Transferability	None		
Proposed Description and Requisites:	An introduction to throwing introduce the process of w processes, and trimming t wheel.	g on the potter's wheel for older adults. This course will wedging clay, centering a pot, pulling a wall, shaping techniques to complete well balanced forms on the potter's	
Proposed Discipline	Art		
To which Degree(s)	or Certificate(s) would this	course potentially be added?	
	None, this will be a stand-	alone non-credit course for older adults.	
Are there any other this course?	departments that may be in	mpacted from the addition of	
	No		
Comments & Other	Relevant Information for Di	iscussion:	
	This will be a non-credit or stacked with the credit AR 445B to the stacked FA M	ourse for older adults (55 plus). The ART 445B course will be RT 45B course. The plans will be to add ART 45B and ART IOU.	
Reviewer Comments			

Key: 8929 Preview Bridge

Rep

Coordinator

Date Submitted: 03/07/24 11:05 am

Viewing: ART F445C : ADVANCED CERAMICS: FOR OLDER ADULTS

Last edit: 03/21/24 9:52 am

Changes proposed by: Hilary Gomes (10926523)

				Approval Path
Course Proposal	Form		10	1. 03/19/24 2:12 pm
Faculty Author	Hilary Gomes			Jordan Fong (fongjordan):
Effective Term	Summer 2025			Approved for 1FA
Subject	Art (ART)	Course Number	F445C	Cumoulum riop
Department	Art (ART)			
Division	Fine Arts and Communication (1	FA)		
Units	0			
Hours	3 hours lecture, 3 hours lab			
Course Title	ADVANCED CERAMICS: FOR C	DLDER ADULTS		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	Laboratory practice for older adu combining hand-built and wheel- kiln loading and firing procedures	Its in throwing advanced forms o thrown forms, glazing these form s.	on the potter's wheel, ns, and understanding	
Proposed Discipline	Art			
To which Degree(s)	or Certificate(s) would this course None. This will be a stand-alone	potentially be added? non-credit course for older adult	S.	
Are there any other this course?	departments that may be impacted	d from the addition of		
	No			
Comments & Other	Relevant Information for Discussion This is a non-credit course for old course ART 45C ADVANCED CE 445C to the stacked FA MOU.	on: der adults (55 plus) and will be st ERAMICS. The plans will be to a	tacked with credit dd ART 45C and ART	
Reviewer				
Comments				

Key: 8932 Preview Bridge

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

New Course Proposal

Date Submitted: 03/07/24 11:07 am

Viewing: ART F445F : LOW-TEMPERATURE CERAMIC FIRING & GLAZING TECHNIQUES: FOR OLDER ADULTS

Last edit: 03/21/24 9:54 am

Changes proposed by: Hilary Gomes (10926523)

Course Proposa	l Form			Approval Path
Faculty Author	Hilary Gomes			Jordan Fong (fongjordan):
Effective Term	Summer 2025			Approved for 1FA
Subject	Art (ART)	Course Number	F445F	Carrioadan riop
Department	Art (ART)			
Division	Fine Arts and Communicati	ion (1FA)		
Units	0			
Hours	3 hours lecture, 3 hours lab)		
Course Title	LOW-TEMPERATURE CEF TECHNIQUES: FOR OLDE	RAMIC FIRING & GLAZING ER ADULTS		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	Provides intermediate level intermediate wheel-throwing using four low-temperature and pit firing.	instruction for older adults in clay pr g Studio practice in the glazing and t methods: electric kiln oxidation firing	rocesses covering firing of ceramic pieces g, luster firing, raku firing	
Proposed Discipline	Art			
To which Degree(s)) or Certificate(s) would this co None. This will be a stand-a	ourse potentially be added? alone non-credit course for older adı	ults.	
Are there any other this course?	r departments that may be imp	pacted from the addition of		
	No			
Comments & Other	r Relevant Information for Disc This is a non-credit course f course ART 45F LOW-TEM TECHNIQUES. The plans w MOU.	cussion: for older adults (55 plus) and will be IPERATURE CERAMIC FIRING & C will be to add ART 45F and ART 445	stacked with credit 3LAZING 5F to the stacked FA	
Reviewer Comments				Key: 8935

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

New Course Proposal In Workflow Date Submitted: 03/07/24 11:53 am 1. 1FA Curriculum Viewing: ART F446B : POTTER'S WHEEL II: FOR OLDER ADULTS Rep 2. Curriculum Last edit: 03/21/24 9:55 am Coordinator Changes proposed by: Hilary Gomes (10926523) 3 Activation **Course Proposal Form** Approval Path Faculty Author Hilary Gomes 1. 03/19/24 2:14 pm Jordan Fong Effective Term Summer 2025 (fongjordan): Subject Art (ART) Course Number F446B Approved for 1FA Curriculum Rep Department Art (ART) Division Fine Arts and Communication (1FA) Units 0 Hours 3 hours lecture, 3 hours lab Course Title POTTER'S WHEEL II: FOR OLDER ADULTS Short Title Proposed None Transferability Proposed Provides intermediate level instruction for older adults in clay processes covering Description and intermediate wheel-throwing methods, glazing, decorating, and firing procedures. **Requisites:** Explores technical problem solving, and creative design. Proposed Art Discipline To which Degree(s) or Certificate(s) would this course potentially be added? None. This will be a stand-alone non-credit course for older adults. Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: This is a non-credit course for older adults (55 plus) and will be stacked with credit course ART 46B POTTER'S WHEEL II. The plans will be to add ART 46B and ART 446B to the stacked FA MOU. Reviewer

Comments

Key: 8934

Preview Bridge

Date Submitted: 03/28/24 10:38 am

Viewing: ENGR F076A : SEMICONDUCTOR TECHNOLOGY & SOCIETY

Last edit: 04/11/24 11:22 am

Changes proposed by: Sarah Parikh (20087149)

		Approval Path		
Course Proposal	Form	1. 04/09/24 2:07 pm		
Faculty Author	Sarah Parikh	Sarah Parikh (parikhsarah):		
Effective Term	Summer 2025	Approved for 1PS		
Subject	Engineering (ENGR) Course Number F076A	Cumoulum riop		
Department	Engineering (ENGR)			
Division	Science Technology Engineering and Mathematics (1PS)			
Units	1			
Hours	1 hour lecture			
Course Title	SEMICONDUCTOR TECHNOLOGY & SOCIETY			
Short Title				
Proposed Transferability	CSU Only			
Proposed Description and Requisites:	This course provides an introduction to the technology that produces the integrated circuit components that run everything from our phones to our household appliances and computers. This course also investigates the societal impact of creating these components.			
	Prerequisites: None			
Proposed Discipline	Engineering			
To which Degree(s)	or Certificate(s) would this course potentially be added? Engineering AS as a support course			
Are there any other this course?	departments that may be impacted from the addition of			
	No			
Comments & Other	Relevant Information for Discussion: This course has been designed to bridge between high school and college and draw interest into engineering and science. The course is part of a pre-apprenticeship pathway and provides scaffolding for students to enter into the Semiconductor Process Technician Apprenticeship program.			

Reviewer Comments In Workflow

Rep 2. Curriculum

1. 1PS Curriculum

	In Mortflow	
Date Submitted: 03/		
Viewing: JRY	M F401. : FUNDAMENTAL FOREMAN DEVELOPMENT	1. TED Curriculum Rep
Last edit: 03/15/	2. Curriculum	
Changes proposed	by: Paul Gigliotti (20600353)	Coordinator
		3. Activation
Course Proposa	al Form	Approval Path
Faculty Author	Paul Gigliotti	1 03/12/24 11:25 am
	0	Tim Myres
	Summer 2025	(TimM): Approved
Subject	Journeypersons (JRYM) Course Number F401.	tor 1ED Curriculum Rep
Department	Apprenticeship (A P)	
Division	Apprenticeship (1ED)	
Units	0	
Hours	30 hours lecture total	
Course Title	FUNDAMENTAL FOREMAN DEVELOPMENT	
Short Title		
Proposed	None	
Iransferability		
Proposed	This course will cover the fundamentals of electrical foreman role, covering the CEI 5 x 5 roles and responsibilities	
Requisites:		
Proposed	Electricity	
Discipline		
To which Degree(s	s) or Certificate(s) would this course potentially be added?	
Are there envioted	r depertments that may be imposted from the addition of	
this course?	r departments that may be impacted from the addition of	
	No	
Comments & Othe	r Relevant Information for Discussion:	
	New purposed non-credit course is intended for Cupertino Electric employees.	
Reviewer		

Comments

Key: 8965

Preview Bridge

	New Course Proposal			
Date Submitted: 03/2	20/24 2:21 pm	In Workflow		
Viewing: MAT	1. 1PS Curriculum Rep			
Last edit: 04/11/2	24 11:38 am	2. Curriculum		
Changes proposed b	y: Marnie Francisco (10866512)	3. Activation		
Course Proposa	I Form	Approval Dath		
Faculty Author	Marnie Francisco and Teresa Zwack	1. 04/09/24 2:18 pm		
Effective Term	Summer 2025	Sarah Parikh (parikhsarah):		
Subject	Mathematics (MATH) Course Number F047.	Approved for 1PS		
Department	Mathematics (MATH)	Curriculum Rep		
Division	Science Technology Engineering and Mathematics (1PS)			
Units	6			
Hours	6 hours lecture			
Course Title	PATH TO CALCULUS			
Short Title				
Proposed Transferability	UC/CSU			
Proposed Description and Requisites:	Topics include a study of functions, function families, their properties and transformations, compositions and inverses. Function families include trigonometric, logarithmic, exponential, polynomial, and rational. Multiple representations of functions are emphasized.			
Proposed Discipline	Mathematics			
To which Degree(s)	or Certificate(s) would this course potentially be added? AS Degree in General Studies Science			

Are there any other departments that may be impacted from the addition of this course?

No

Comments & Other Relevant Information for Discussion:

This course is being created in response to AB 1705

Reviewer Comments

> Key: 8967 Preview Bridge

New Course Proposal

Viewing: MATH F247. : SUPPORT FOR MATH 47

Last edit: 04/11/24 1:51 pm

Date Submitted: 03/20/24 2:31 pm

Changes proposed by: Marnie Francisco (10866512)

Course Proposal Form Approval Path Faculty Author Marnie Francisco and Teresa Zwack 1. 04/09/24 2:24 pm Sarah Parikh Effective Term Summer 2025 (parikhsarah): Mathematics (MATH) Course Number F247. Subject Approved for 1PS Curriculum Rep Department Mathematics (MATH) Division Science Technology Engineering and Mathematics (1PS) Units 3 Hours 3 hours lecture Course Title SUPPORT FOR MATH 47 Short Title Proposed None Transferability Proposed Core prerequisite skills, competencies, and concepts needed in Path to Calculus. Description and Intended for students who are concurrently enrolled in MATH 47 at Foothill College and **Requisites:** who want extra support. Topics include a review of skills including developing a knowledge of function families with their graphs and behavior, transformations, average rate of change, inverses, and compositions. Family functions include linear, quadratic and power. Corequisite: MATH 47. Proposed Mathematics Discipline To which Degree(s) or Certificate(s) would this course potentially be added? None Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: This course is being created in response to AB 1705 Reviewer Comments Kev: 8968

In Workflow

Rep 2. Curriculum

1. 1PS Curriculum

Coordinator

3 Activation

New Course Proposal

Viewing: NCBS F447. : SUPPORT FOR MATH 47

Last edit: 04/11/24 1:52 pm

Date Submitted: 03/21/24 9:24 am

Changes proposed by: Marnie Francisco (10866512)

Course Proposal Form Approval Path Faculty Author Marnie Francisco and Teresa Zwack 1. 04/09/24 2:27 pm Sarah Parikh Effective Term Summer 2025 (parikhsarah): Non-Credit: Basic Skills (NCBS) Course Number F447. Subject Approved for 1PS Curriculum Rep Department Mathematics (MATH) Division Science Technology Engineering and Mathematics (1PS) Units 0 Hours 3 hours lecture Course Title SUPPORT FOR MATH 47 Short Title Proposed None Transferability Proposed Core prerequisite skills, competencies, and concepts needed in Path to Calculus. Description and Intended for students who are concurrently enrolled in MATH 47 at Foothill College and **Requisites:** who want extra support. Topics include a review of skills including developing a knowledge of function families with their graphs and behavior, transformations, average rate of change, inverses, and compositions. Family functions include linear, quadratic and power. Corequisite: MATH 47. Proposed Mathematics Discipline To which Degree(s) or Certificate(s) would this course potentially be added? None Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: This course is being created in response to AB 1705 Reviewer Comments Kev: 8969

In Workflow

Rep 2. Curriculum

1. 1PS Curriculum

Coordinator

3 Activation

New Course Proposal In Workflow Date Submitted: 03/14/24 8:33 am 1. 1FA Curriculum Viewing: PHOT F408. : PHOTOGRAPHY OF AMERICAN CULTURES Rep 2. Curriculum FOR OLDER ADULTS Coordinator 3 Activation Last edit: 03/21/24 11:39 am Changes proposed by: Kate Jordahl (10781545) Approval Path **Course Proposal Form** 1. 02/26/24 10:55 am Faculty Author Kate Jordahl Jordan Fong (fongjordan): Effective Term Summer 2025 Rollback to Photography (PHOT) F408. Subject Course Number Initiator 2. 03/19/24 2:34 pm Department Photography (PHOT) Jordan Fong Division Fine Arts and Communication (1FA) (fongjordan): Units 0 Approved for 1FA Curriculum Rep Hours 4 hours lecture, 3 hours lab Course Title PHOTOGRAPHY OF AMERICAN CULTURES FOR OLDER ADULTS Short Title Proposed None Transferability Proposed Geared towards older adults, this class is an examination of photography's role in Description and shaping ideas about race, class, gender, sexuality and national identity in America, from its historical roots to the present. Includes a wide variety of genres, such as Requisites: commercial photography, portraiture, social documentary, photojournalism, ethnographic and scientific photography, erotica, and fine-art photography. Students will look at images from ethical, cultural, and critical perspectives as they develop visual literacy skills. Proposed Photography Discipline To which Degree(s) or Certificate(s) would this course potentially be added? This would be a stand-alone class. Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: This would be a mirror of the credit PHOT 8 class. Reviewer Jordan Fong (fongjordan) (02/26/24 10:55 am): Rollback: Sending back to you based Comments on last week's FAC Div CC meeting!

Date Submitted: 03/14/24 8:34 am

Viewing: PHOT F410. : HISTORY OF PHOTOGRAPHY FOR OLDER ADULTS

Last edit: 03/21/24 11:42 am

Changes proposed by: Kate Jordahl (10781545)

		Approval Path		
Course Proposal	1. 02/26/24 10:55			
Faculty Author	Kate Jordahl Jordan Fo			
Effective Term	Summer 2025	(fongjordan): Rollback to		
Subject	Photography (PHOT) Course Number F410.	Initiator		
Department	Photography (PHOT)	2. 03/19/24 2:35 pm		
Division	Fine Arts and Communication (1FA)			
Units	0	Approved for 1FA		
Hours	3 hours lecture, 3 hours lab	Curriculum Rep		
Course Title	HISTORY OF PHOTOGRAPHY FOR OLDER ADULTS			
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	Geared towards older adults, this class explores the history of still photography from the earliest investigations of the camera obscura to late 20th century electronic imaging. Emphasis on the role of photographs as a social and cultural force and on our artistic heritage of camera work.			
Proposed Discipline	Photography			
To which Degree(s)	or Certificate(s) would this course potentially be added? This would be a stand-alone class.			
Are there any other this course?	departments that may be impacted from the addition of			
	No			
Comments & Other	Relevant Information for Discussion: This is a mirror class for the credit PHOT 10 class.			
Reviewer Comments	Jordan Fong (fongjordan) (02/26/24 10:55 am): Rollback: Sending back to you based on last week's FAC Div CC meeting!			

Key: 8894 Preview Bridge

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

New Course Proposal

Date Submitted: 03/14/24 8:35 am

Viewing: PHOT F411. : CONTEMPORARY ISSUES IN PHOTOGRAPHY FOR OLDER ADULTS

Last edit: 03/21/24 11:45 am

Changes proposed by: Kate Jordahl (10781545)

Course Proposal Form			Approval Path	
Faculty Author	Kate Jordahl Jordan Fo			
Effective Term	Summer 2025	(fongjordan): Bollback to		
Subject	Photography (PHOT) Cour	se Number F411.	Initiator	
Department	Photography (PHOT)		2. 03/19/24 2:35 pm	
Division	Fine Arts and Communication (1FA) Jordan Fong (fongiordan):			
Units	0		Approved for 1FA	
Hours	3 hours lecture, 3 hours lab		Curriculum Rep	
Course Title	CONTEMPORARY ISSUES IN PHOTOGRAPHY ADULTS	OR OLDER		
Short Title				
Proposed Transferability	None			
Proposed Description and Requisites:	Geared towards older adults, this class is a survey of contemporary issues in photography. Critical theory and other issues surrounding contemporary photographic practices are explored through the style and content of work by selected contemporary photographers. Censorship, copyright, appropriation, and other current issues affecting the contemporary photographer are discussed. The interplay of traditional and digital photography and how it affects our concepts of truth, reality, society, and culture.			
Proposed Discipline	Photography			
To which Degree(s)	or Certificate(s) would this course potentially be add This would be a stand alone class.	ed?		
Are there any other this course?	departments that may be impacted from the addition	of		
	No			
Comments & Other	Relevant Information for Discussion: This class is a mirror of the credit PHOT 11.			
Reviewer Comments	Jordan Fong (fongjordan) (02/26/24 10:55 am): on last week's FAC Div CC meeting!	Rollback: Sending back to you base	ed Key: 8895	

Preview Bridge

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Date Submitted: 03/12/24 3:46 pm

Viewing: THTR F407. : INTRODUCTION TO DIRECTING FOR OLDER ADULTS

Last edit: 03/22/24 9:13 am

Changes proposed by: Tom Gough (10517673)

Course Proposal Form				Approval Path	
Faculty Author	Tom Gough			am Jordan Fong	
Effective Term	Summer 2025			(fongjordan): Bollback to	
Subject	Theatre Arts (THTR)	Course Number	F407.	Initiator	
Department	Theatre Arts (THTR)			2. 03/05/24 2:39 pm	
Division	Fine Arts and Communication (1FA)			Jordan Fong (fongjordan):	
Units	0			Rollback to	
Hours	3 hours lecture, 3 hours lab			Initiator 3 03/19/24 2:16 pm	
Course Title	INTRODUCTION TO DIRECTING FOR OLDER ADULTS			Jordan Fong	
Short Title				(fongjordan): Approved for 1FA	
Proposed Transferability	None			Curriculum Rep	
Proposed Description and Requisites:	Targeted to older adults, this course is a comprehensive overview of the breadth of responsibilities expected of a theatrical director and how to prepare for said responsibilities, including: conceptualizing a production; working collaboratively as dictated by industry norms; play selection; auditions and methods of casting; preparation of the play script; building the rehearsal and production schedule; fundamentals of composition, movement, stage business, and characterization, as applied to the directing of plays.				
Proposed Discipline	Theater Arts				
To which Degree(s)	or Certificate(s) would this course potentially be None	e added?			
Are there any other this course?	departments that may be impacted from the ad	ldition of			
	No				
Comments & Other	Relevant Information for Discussion: Intended as non-credit for older adults class.	This course mirrors	THTR 7.		
Reviewer Comments	Jordan Fong (fongjordan) (02/26/24 10:55 a on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:39 p	am): Rollback: Senc m): Rollback: hours	ing back to you based		

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum
Course Change Request

	New Course Proposal	In Mortflow
ate Submitted: 03	/12/24 3:54 pm	
/iewing: THT	Rep	
ast edit: 03/22	/24 9:16 am	2. Curriculum
hanges proposed	by: Tom Gough (10517673)	3. Activation
Course Propos	al Form	
Faculty Author	Tom Gough	1. 02/26/24 10:55
Effective Term	Summer 2025	am Jordan Fong
Subject	Theatre Arts (THTR) Course Number F420B	(fongjordan):
Department	Theatre Arts (THTR)	Rollback to
Division	Fine Arts and Communication (1FA)	2. 03/05/24 2:40 pm
Units	0	Jordan Fong
Hours	4 hours lecture, 1 hour lab	Rollback to
Course Title	ACTING II FOR OLDER ADULTS	Initiator
Short Title		3. 03/19/24 2:16 pi Jordan Fong
Proposed Transferability	None	(fongjordan): Approved for 1F
Proposed	Targeted towards older adults, this course features further development of concepts	Curriculum Rep
Description and	introduced in THTR 20A, with emphasis to expanding the students' performance	
Requisites:	potential through probing greater depths of character analysis and text interpretation.	
	Prerequisite: Successful completion of THTR 20A or equivalent.	
Proposed	Theater Arts	
Io which Degree(s	 s) or Certificate(s) would this course potentially be added? None 	
Are there any othe	er departments that may be impacted from the addition of	

Comments & Other Relevant Information for Discussion:

No

Intended as non-credit for older adults. This course mirrors THTR 20B.

Reviewer	Jordan Fong (fongjordan) (02/26/24 10:55 am): Rollback: Sending back to you based
Comments	on last week's FAC Div CC meeting!
	Jordan Fong (fongjordan) (03/05/24 2:40 pm): Rollback: hours

Key: 8908 Preview Bridge

Course Change Request

	New Course Proposal	In Workflow			
Date Submitted: 03	/12/24 3:46 pm	1 1FA Curriculum			
Viewing: THT	Rep				
_ast edit: 03/22/	ast edit: 03/22/24 9:20 am				
Changes proposed	by: Tom Gough (10517673)	3. Activation			
Course Propos	al Form	Approval Dath			
Faculty Author	Tom Gough	1. 02/26/24 10:55			
Effective Term	Summer 2025	am Jordan Fong			
Subject	Theatre Arts (THTR) Course Number F420C	(fongjordan):			
Department	Theatre Arts (THTR)	Rollback to			
Division	Fine Arts and Communication (1FA)	2. 03/05/24 2:40 pm			
Units	0	Jordan Fong			
Hours	3 hours lecture, 3 hours lab	Rollback to			
Course Title	ACTING III FOR OLDER ADULTS	Initiator			
Short Title		Jordan Fong			
Proposed	None	(fongjordan):			
Transferability		Curriculum Rep			
Proposed Description and	Targeted towards older adults, this course furthers development of concepts introduced in THTR 20A and 20B with focus on the performance of selected scenes from works of				
Requisites:	specific periods to acquaint students with the breadth of theatre performance genres.				
	Prerequisite: Successful completion of THTR 20A or equivalent.				
Proposed Discipline	Theater Arts				
To which Degree(s	s) or Certificate(s) would this course potentially be added? None				
Are there any othe this course?	er departments that may be impacted from the addition of				
	No				
Comments & Othe	er Relevant Information for Discussion:				
	Intended as non-credit for older adults. This course mirrors THTR 20C.				

 Reviewer
 Jordan Fong (fongjordan) (02/26/24 10:55 am): Rollback: Sending back to you based

 Comments
 on last week's FAC Div CC meeting!

 Jordan Fong (fongjordan) (03/05/24 2:40 pm): Rollback: hours

Key: 8909 Preview Bridge

Date Submitted: 03/19/24 2:22 pm

Viewing: THTR F422. : AUDITIONING FOR THEATRE FOR OLDER ADULTS

Last edit: 03/22/24 9:26 am

Changes proposed by: Tom Gough (10517673)

		Approval Path	
Course Proposal	Form	1. 02/26/24 10:55	
Faculty Author	Tom Gough	am Jordan Fong	
Effective Term	Summer 2025	(fongjordan): Bollback to	
Subject	Theatre Arts (THTR) Course Number F422.	Initiator	
Department	Theatre Arts (THTR)	2. 03/05/24 2:40 pm	
Division	Fine Arts and Communication (1FA)	Jordan Fong (fongjordan):	
Units	0	Rollback to	
Hours	2 hours lecture	Initiator	
Course Title	AUDITIONING FOR THEATRE FOR OLDER ADULTS	Jordan Fong	
Short Title		(fongjordan): Approved for 1FA	
Proposed Transferability	None	Curriculum Rep	
Proposed Description and Requisites:	Targeting older adults, students will be introduced to a variety of auditioning scenarios and strategies. With a focus on stage techniques, the course will explore the practical application of audition theories. Topics will include monologues for general auditions, building a repertoire, preparing video auditions, strategies for cold readings and improvisation situations. Students will be introduced to theories of preparation and etiquette as well as the use of informational resources.		
Proposed Discipline	Theater Arts		
To which Degree(s)	or Certificate(s) would this course potentially be added? None		
Are there any other this course?	departments that may be impacted from the addition of		
	No		
Comments & Other	Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 22.		
Reviewer Comments	Jordan Fong (fongjordan) (02/26/24 10:55 am): Rollback: Sending back to you based on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:40 pm): Rollback: hours		

Key: 8910

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator 3. Activation

	New Course Proposal	
Date Submitted: 03	/12/24 3:47 pm	In Workflow
Viewing: THT	R F424. : READERS THEATRE FOR OLDER ADULTS	1. 1FA Curriculum Rep
Last edit: 03/22	/24 9:31 am	2. Curriculum
Changes proposed	by: Tom Gough (10517673)	Coordinator
Course Propos	al Form	
	The Quest	Approval Path
Faculty Author	Iom Gougn	1. 02/26/24 10:55
Effective Term	Summer 2025	am Jordan Fong
Subject	Theatre Arts (THTR) Course Number F424.	(fongjordan):
Department	Theatre Arts (THTR)	Rollback to
Division	Fine Arts and Communication (1FA)	2. 03/05/24 2:40 pm
Units	0	Jordan Fong
Hours	3 hours lecture, 3 hours lab	(fongjordan): Bollback to
Course Title	READERS THEATRE FOR OLDER ADULTS	Initiator
Short Title		3. 03/19/24 2:16 pm Jordan Fong
Proposed	None	(fongjordan):
Transferability		Curriculum Rep
Proposed	Targeted towards older adults, this course includes preparation and performance of	
Requisites:	employing a range of vocal skills, and presented in a dramatic context.	
Proposed	Theater Arts	
To which Degree (ar Cartificate(a) would this source potentially be added?	
10 which Degree(s	None	
Are there any othe this course?	er departments that may be impacted from the addition of	
	No	
Comments & Othe	er Relevant Information for Discussion:	
	Intended as non-credit for older adults. This course mirrors THTR 24.	
Reviewer	Jordan Fong (fongjordan) (02/26/24 10:55 am): Rollback: Sending back to you based	
Comments	on last week's FAC Div CC meeting!	
	ordan i ong (iongjordan) (ionosiza z.40 pm). Holiback. holis	

Date Submitted: 03/12/24 3:53 pm

Viewing: THTR F438A : MOVEMENT PRACTICUM I FOR OLDER ADULTS

Last edit: 03/22/24 9:39 am

Changes proposed by: Tom Gough (10517673)

			Approval Path
Course Proposa	l Form		1. 02/26/24 10:55
Faculty Author	Tom Gough		am Jordan Fong
Effective Term	Summer 2025		(fongjordan): Bollback to
Subject	Theatre Arts (THTR) C	Course Number F438A	Initiator
Department	Theatre Arts (THTR)		2. 03/05/24 2:40 pm
Division	Fine Arts and Communication (1FA)		Jordan Fong (fongiordan):
Units	0		Rollback to
Hours	1.5 hours lecture, 1.5 hours lab		Initiator
Course Title	MOVEMENT PRACTICUM I FOR OLDER AD	ULTS	Jordan Fong
Short Title			(fongjordan):
Proposed Transferability	None		Curriculum Rep
Proposed Description and Requisites:	Targeted towards older adults, this course is ar stage movement for the actor: body awareness isolation and coordination; stress reduction and recognized theories of movement; dance for th of these skills to the performance of dramatic li social and historical sources.	n investigation of the following areas of s, flexibility, alignment, balance, muscle d relaxation on stage; breath control; le actor; physical safety. The application iterature from a wide range of ethnic,	
Proposed Discipline	Theater Arts		
To which Degree(s)	or Certificate(s) would this course potentially be None	added?	
Are there any other this course?	departments that may be impacted from the add	lition of	
	No		
Comments & Other	Relevant Information for Discussion: Intended as non-credit course for older adults.	This course mirrors THTR 38A.	
Reviewer Comments	Jordan Fong (fongjordan) (02/26/24 10:55 ar on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:40 pm	m): Rollback: Sending back to you basedi): Rollback: hours	

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator 3. Activation

Course Change Request

	New Course Proposal		
Date Submitted: 03/1	2/24 3:53 pm		In Workflow
Viewing: THT	DER ADULTS	1. 1FA Curriculum Rep	
Last edit: 03/22/2	24 9:44 am		2. Curriculum
Changes proposed b	y: Tom Gough (10517673)		Coordinator
Course Proposa	Form		
			Approval Path
Faculty Author	Tom Gough		1. 02/26/24 10:56
Effective Term	Summer 2025		am Jordan Fong
Subject	Theatre Arts (THTR) Course Number F4	38D	(fongjordan):
Department	Theatre Arts (THTR)		Rollback to
Division	Fine Arts and Communication (1FA)		2. 03/05/24 2:40 pm
Units	0		Jordan Fong
Hours	1.5 hours lecture, 1.5 hours lab		Rollback to
Course Title	STAGE COMBAT FOR OLDER ADULTS		Initiator
Short Title			3. 03/19/24 2:16 pm Jordan Fong
Proposed	None		(fongjordan):
Transferability			Curriculum Rep
Proposed	Targeted towards older adults, this course features introduction to the construction of choreographed hand-to-hand and small weapons combat to	concepts and	
Requisites:	camera using techniques with emphasis on safety concepts and univer maneuver standards required for all stage combat circumstances.	sal industry	
Proposed Discipline	Theater Arts		
To which Degree(s)	or Certificate(s) would this course potentially be added? None		
Are there any other this course?	departments that may be impacted from the addition of		
	No		
Comments & Other	Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 38D.		
Reviewer Comments	Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending ba on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:40 pm): Rollback: hours	ack to you based	

Key: 8913 Preview Bridge

Date Submitted: 03/12/24 3:48 pm

Viewing: THTR F443C : FOUNDATIONS IN CLASSICAL ACTING FOR OLDER ADULTS

Last edit: 03/22/24 9:47 am

Changes proposed by: Tom Gough (10517673)

Course Proposal Form				Approval Path 1. 02/26/24 10:56
Faculty Author	Tom Gough			am Jordan Fong
Effective Term	Summer 2025			(fongjordan): Rollback to
Subject	Theatre Arts (THTR)	Course Number F443	С	Initiator
Department	Theatre Arts (THTR)			2. 03/05/24 2:40 pm
Division	Fine Arts and Communication (1FA)			Jordan Fong (fongjordan):
Units	0			Rollback to
Hours	3 hours lecture, 3 hours lab			Initiator
Course Title	FOUNDATIONS IN CLASSICAL ACTING FOF	OLDER ADULTS		Jordan Fong
Short Title				(fongjordan):
Proposed Transferability	None			
Proposed Description and Requisites:	Targeted towards older adults, this course features an introduction to the specific acting challenges presented by performing classical scripts, pre-18th century. Incorporate skills of language analysis, verbal acumen and physical interpretation, including exploration of body awareness into performance preparation and execution as they specifically relate to performing classical texts.			
	Prerequisite: Successful completion of THTR 2	0A or equivalent.		
Proposed Discipline	Theater Arts			
To which Degree(s)	or Certificate(s) would this course potentially be None	added?		
Are there any other this course?	departments that may be impacted from the add	lition of		
	No			
Comments & Other	Relevant Information for Discussion: Intended as non-credit for older adults. This co	urse mirrors THTR 43C.		
Reviewer Comments	Jordan Fong (fongjordan) (02/26/24 10:56 an on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:40 pm	n): Rollback: Sending back) : Rollback: hours	k to you based	

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator 3. Activation

	New Course Proposal	In Markflow
Date Submitted: 03	3/12/24 3:48 pm	
Viewing: THT	1. 1FA Curriculum Rep	
Last edit: 03/22	2/24 9:49 am	2. Curriculum
Changes proposed	by: Tom Gough (10517673)	Coordinator 3. Activation
Course Propos	al Form	Annew of Deth
Faculty Author	Tom Gough	1. 02/26/24 10:56
Effective Term	Summer 2025	am Jordan Fong
Subject	Theatre Arts (THTR) Course Number F443E	(fongjordan):
Department	Theatre Arts (THTR)	Rollback to
Division	Fine Arts and Communication (1FA)	2. 03/05/24 2:41 pm
Units	0	Jordan Fong
Hours	3 hours lecture, 3 hours lab	(fongjordan): Rollback to
Course Title	IMPROVISATION FOR OLDER ADULTS	Initiator
Short Title		3. 03/19/24 2:17 pm Jordan Fong
Proposed	None	(fongjordan): Approved for 1FA
I ransferability		Curriculum Rep
Proposed Description and	Targeted towards older adults, this course is a presentation of the fundamentals and graduating skills of organic performance without script or text. Practical application of	
Requisites:	the theories of improvisational basic skills, universally translated to virtually all forms of	
	improvisation, towards performance.	
Proposed Discipline	Theater Arts	
To which Degree(s) or Certificate(s) would this course potentially be added? None	
Are there any oth this course?	er departments that may be impacted from the addition of	
	No	
Comments & Oth	er Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 43E.	

 Reviewer
 Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based

 Comments
 on last week's FAC Div CC meeting!

 Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours

Key: 8915 Preview Bridge

Date Submitted: 03/12/24 3:51 pm

Viewing: THTR F447A : INTRODUCTION TO MUSICAL THEATRE PRODUCTION FOR OLDER ADULTS

Last edit: 03/22/24 10:00 am

Changes proposed by: Tom Gough (10517673)

Course Proposa	Form			Approval Path
Faculty Author	Tom Gough			1. 02/26/24 10:56 am Jordan Fong
Effective Term	Summer 2025			(fongjordan): Bollback to
Subject	Theatre Arts (THTR)	Course Number	F447A	Initiator
Department	Theatre Arts (THTR)			2. 03/05/24 2:41 pm
Division	Fine Arts and Communication (1FA)		Jordan Fong (fongiordan):
Units	0			Rollback to
Hours	18 hours lab			Initiator
Course Title	INTRODUCTION TO MUSICAL OLDER ADULTS	INTRODUCTION TO MUSICAL THEATRE PRODUCTION FOR 3. 03/19/24 2:17 µ OLDER ADULTS Jordan Fong (fongjordan): 1000000000000000000000000000000000000		
Short Title				Approved for 1FA Curriculum Bep
Proposed Transferability	None			
Proposed Description and Requisites:	Targeted towards older adults, the theatre performance through the theatre production. Students are	his course will introduce the fund e rehearsal and performance of a e required to attend rehearsals a	damentals of musical a fully staged musical nd performances.	
Proposed Discipline	Theater Arts			
To which Degree(s)	or Certificate(s) would this course None	e potentially be added?		
Are there any other this course?	departments that may be impacted	ed from the addition of		
	No			
Comments & Other	Relevant Information for Discussi	ion:		
	Intended as non-credit for older	adults. This course mirrors THT	R 47A.	
Reviewer Comments	Jordan Fong (fongjordan) (02/ on last week's FAC Div CC mee	/26/24 10:56 am): Rollback: Ser ting!	nding back to you based	
	Jordan Fong (fongjordan) (03/	/05/24 2:41 pm): Rollback: hour	s	

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator 3. Activation

Preview Bridge

Date Submitted: 03/12/24 3:49 pm

Viewing: THTR F448G : INTRODUCTION TO VOICE-OVER ACTING FOR OLDER ADULTS

Last edit: 03/22/24 10:03 am

Changes proposed by: Tom Gough (10517673)

Faculty Author Tom Gough am Effective Term Summer 2025 generation of the second of the	Course Proposal Form				Approval Path
Effective Term Summer 2025 (fong)ordan): Nollback to Initiator Subject The atre Arts (THTR) Course Number F448G (fong)ordan): Nollback to Initiator Division Fine Arts and Communication (1FA) 2.0305/24.211 pm Jordan Fong (fong)ordan): Nollback to Initiator 2.0305/24.211 pm Jordan Fong (fong)ordan): Nollback to Initiator Hours 0 0 Nonselecture, 3 hours lab 3.0319/24.217 pm Jordan Fong (fong)ordan): ADULTS 3.0319/24.217 pm Jordan Fong (fong)ordan): ADULTS 3.0319/24.217 pm Jordan Fong (fong)ordan): Approved for IFA Curriculum Rep Proposed None Stratefed towards older adults, this course is an introduction to voice-over acting. Description and practice in techniques of the various genres and performance styles, including an overview of required skills, general industry knowledge, and career opportunities. Instruction and practice in techniques of the various genres and performance styles, including character (animation, video games, toys), commercial (radio, TV, online), and narration (audio books, documentatice, corporate training videos, e-learning, websites). Fundamental components also include microphone technique, home styles inplaced from the addition of None Strate Home Styles including an overview of required skills, see styles, strate training videos, e-learning, websites). Fundamental components also include microphone technique, nome styles include adults. This course mirrors THTR 48G. Proposed No No Are there any other adults. This course mirrors THTR 48G. Strate F	Faculty Author	Tom Gough			am Jordan Fong
Subject Theatre Arts (THTR) Course Number F448G Department Theatre Arts (THTR) 2.0305/24.241 pm Division Fine Arts and Communication (1FA) (Gongjordan): Units 0 Rollback to Hours 3 hours lecture, 3 hours lab 3.0319/24.217 pm Course Title NTRODUCTION TO VOICE-OVER ACTING FOR OLDER 3.0319/24.217 pm ADULTS ADULTS Approved for 1FA Course Title Front State Approved for 1FA Proposed None Transferability Proposed Targeted towards older adults, this course is an introduction to voice-over acting, providing an overview of required skills, general industry knowledge, and career Requisites: approved too 1FA Curriculum Rep Proposed Tarssterabilities, Instruction and practice in techniques of the various generes and performance styles, including character (animation, video games, toys), commercial (reado, TV, online), and narration (audio books, documentaries, corporate training videos, e-learning, websiles). Fundamental components also include microphone techniques of the various generes and performance styles, including character (animation, video games, toys), commercial (reado, TV, online), and narration (audio books, documentaries. Proposed Theater Arts Disopine No Are there any other Learning, websiles). Fundamental components labo include microphone techniques other state state	Effective Term	Summer 2025			(fongjordan): Bollback to
Department Theatre Arts (THTR) 2.03/05/24 2:41 pm Division Fine Arts and Communication (1FA) (Ongiordan): Units 0 Rollback to Hours 3 hours lecture, 3 hours lab Rollback to Course Title INTRODUCTION TO VOICE-OVER ACTING FOR OLDER Rollback to ADULTS ADULTS Gordan Fong Short Title Vicingi ordan): Approved for 1FA Curriculum Rep Proposed None Proposed Targeted towards older adults, this course is an introduction to voice-over acting, providing an overview of required skills, general industry knowledge, and career Requisites: opoptrunities. Instruction and practice in techniques of the various genres and performance styles, including character (animation, video games, toys), commercial (radio, TV, online), and narration (audio books, documentaries, corporate training videos, eleanning, websites). Fundamental components also include microphone technique, home studio setup, auditioning and marketing. Vicina Proposed Neater Arts No To which Degree(s) Certificate(s) would this course potentially be added? No No No Comments & Ohr Frequent Information for Discussion: Intendeed as non-credit for older adults. This course mirro	Subject	Theatre Arts (THTR) Co	ourse Number	F448G	Initiator
Division Fine Arts and Communication (1FA) Units Units 0 Rollback to Hours 3 hours lecture, 3 hours lab Rollback to Course Title INTRODUCTION TO VOICE-OVER ACTING FOR OLDER ADULTS So 3/19/24 2:17 pm Jordan Fong (fongjordan): ADULTS Short Title None Course Title Approved for 1FA Curriculum Rep Proposed providing an overview of required skills, general industry knowledge, and career Approved for 1FA Curriculum Rep Proposed previding an overview of required skills, general industry knowledge, and career Soportunities. Instruction and practice in techniques of the various genres and performance styles, including character (aniudio books, documentaries, corporate training videos, e-learning, websites). Fundamental components also include microphone technique, home studio setup, auditioning and marketing. Sover Proposed To which Degree(s) - Certificate(s) would this course potentially be added? None No Are there any other Uspartments that may be impacted from the addition of this course? No No Comments & Other Fleveurt Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Reviewer Comments Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: hours Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: hours	Department	Theatre Arts (THTR)			2. 03/05/24 2:41 pm
Units 0 Rollback to Initiator Hours 3 hours lecture, 3 hours lab 5, 0,31/92/2,17 pm Jordan Fong (tongjordan): ADULTS Short Title INTRODUCTION TO VOICE-OVER ACTING FOR OLDER ADULTS Jordan Fong (tongjordan): Approved for 1FA Curriculum Rep Proposed Transferability None Curriculum Rep Proposed Transferability Targeted towards older adults, this course is an introduction to voice-over acting, performance styles, including character (animation, video games, toys), commercial (radio, TV, online), and narration (audio books, documentaries, corporate training videos, e-learning, websites). Fundamental components also include microphone technique, home studio setup, auditioning and marketing. Proposed Discipline To retificate(s) would this course potentially be added? None Are there any other Upartments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Reviewer Comments Jordan Fong (tongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based on last week's FAC Div CC meeting! Jordan Fong (tongjordan) (03/05/224 2:4:1m): Rollback: hours	Division	Fine Arts and Communication (1FA)			(fongjordan):
Hours 3 hours lecture, 3 hours lab Initiator Course Title INTRODUCTION TO VOICE-OVER ACTING FOR OLDER ADULTS Jordan Fong (tongjordan): Short Title Vone Proposed Transferability None Proposed Transferability None Proposed Requisites: Targeted towards older adults, this course is an introduction to voice-over acting, opportunities. Instruction and practice in techniques of the various genres and performance styles, including character (animation, video games, toys), commercial (radio, TV, online), and naration (audio books, documentaries, corporate training videos, e-learning, websites). Fundamental components also include microphone technique, home studio setup, auditioning and marketing. Proposed Discipline Theater Arts None None Are there any other Uepartments that may be impacted from the addition of this course? No Comments & Other Reviewer Comments & Other Felevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Reviewer Comments Jordan Fong (fongjordan) (02/05/24/24/10:56 am): Rollback: shours Are week's FAC Div CC meeting Jordan Fong (fongjordan) (02/05/24/24/10:56 am): Rollback: hours Jordan Fong (fongjordan) (02/05/24/24/10)	Units	0			Rollback to
Course Title INTRODUCTION TO VOICE-OVER ACTING FOR OLDER ADULTS Jordan Fong (tongjordan): Approved for 1FA Curriculum Rep Proposed None Proposed Targeted towards older adults, this course is an introduction to voice-over acting, pescription and performance styles, including character (animation, video games, toys), commercial (radio, TV, online), and naration (audio books, documentaries, corporate training videos, e-learning, websites). Fundamental components also include microphone technique, home studio setup, auditioning and marketing. Proposed Theater Arts Discipline Theater Arts None None To which Degree(s) or Certificate(s) would this course potentially be added? None Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Reviewer Jordan Fong (fongjordan) (02/05/24 2:41 0:56 am): Rollback: Sending back to you based on last week's FAC Div CC meeting! Jora FOrg (fongjordan) (03/05/24 2:41 pm): Rollback: hours	Hours	3 hours lecture, 3 hours lab			Initiator 3. 03/19/24 2:17 pm
Short Title Approved for 1FA Curriculum Rep Proposed Targeted towards older adults, this course is an introduction to voice-over acting, Description and providing an overview of required skills, general industry knowledge, and career Requisites: opportunities. Instruction and practice in techniques of the various genres and performance styles, including character (animation, video games, toys), commercial (radio, TV, online), and narration (audio books, documentaries, corporate training videos, e-learning, websites). Fundamental components also include microphone technique, home studio setup, auditioning and marketing. Proposed Theater Arts Discipline To which Degree(s) or Certificate(s) would this course potentially be added? None Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Sendits To you based on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: hours	Course Title	INTRODUCTION TO VOICE-OVER ACTING FO ADULTS	OR OLDER		Jordan Fong (fongjordan):
Proposed Transferability None Proposed Description and Providing an overview of required skills, general industry knowledge, and career opportunities. Instruction and practice in techniques of the various genres and performance styles, including character (animation, video games, toys), commercial (radio, TV, online), and narration (audio books, documentaries, corporate training videos, e-learning, websites). Fundamental components also include microphone technique, home studio setup, auditioning and marketing. Proposed Discipline Theater Arts To which Degree(s) or Certificate(s) would this course potentially be added? None Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Reviewer Comments Jordan Fong (fongjordan) (02/65/24 2:41 10:56 am): Rollback: Sending back to you based on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours	Short Title				Approved for 1FA
Proposed Targeted towards older adults, this course is an introduction to voice-over acting, providing an overview of required skills, general industry knowledge, and career opportunities. Instruction and practice in techniques of the various genres and performance styles, including character (animation, video games, toys), commercial (radio, TV, online), and narration (audio books, documentaries, corporate training videos, e-learning, websites). Fundamental components also include microphone technique, home studio setup, auditoning and marketing. Proposed Theater Arts Discipline Theater Arts Reviewer None Are there any other tepartments that may be impacted from the addition of this course? No Comments & Other Fleevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Reviewer Oordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based on last week's FAC Div CC meeting! Jordan FONg (03/05/24 2:41 pm): Rollback: hours	Proposed Transferability	None			
Proposed Discipline Theater Arts To which Degree(s) Certificate(s) would this course potentially be added? None Are there any other - partments that may be impacted from the addition of this course? No Comments & Other - Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Section Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours	Proposed Description and Requisites:	Targeted towards older adults, this course is an introduction to voice-over acting, providing an overview of required skills, general industry knowledge, and career opportunities. Instruction and practice in techniques of the various genres and performance styles, including character (animation, video games, toys), commercial (radio, TV, online), and narration (audio books, documentaries, corporate training videos, e-learning, websites). Fundamental components also include microphone technique, home studio setup, auditioning and marketing.			
To which Degree(s) or Certificate(s) would this course potentially be added? None None Are there any other departments that may be impacted from the addition of this course? No No No Comments & Other Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours	Proposed Discipline	Theater Arts			
Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Reviewer Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours	To which Degree(s)	or Certificate(s) would this course potentially be a None	added?		
No Comments & Other Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Reviewer Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours	Are there any other this course?	departments that may be impacted from the addit	tion of		
Comments & Other Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 48G. Reviewer Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based Comments on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours		No			
Reviewer Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based Comments on last week's FAC Div CC meeting! Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours Kev: 8918	Comments & Other	Relevant Information for Discussion: Intended as non-credit for older adults. This court	rse mirrors THTR	48G.	
Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours	Reviewer Comments	Jordan Fong (fongjordan) (02/26/24 10:56 am on last week's FAC Div CC meeting!): Rollback: Send	ing back to you based	
101.0010		Jordan Fong (tongjordan) (03/05/24 2:41 pm):	: Hollback: hours		Kev: 8918

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator 3. Activation

Date Submitted: 03/12/24 3:51 pm

Viewing: THTR F449A : PERFORMANCE PRODUCTION I FOR OLDER ADULTS

Last edit: 03/22/24 10:09 am

Changes proposed by: Tom Gough (10517673)

			Approval Path
Course Propos	al Form		1. 02/26/24 10:56
Faculty Author	Tom Gough		am Jordan Fong
Effective Term	Summer 2025		(fongjordan):
Subject	Theatre Arts (THTR)	Course Number F449A	Initiator
Department	Theatre Arts (THTR)		2. 03/05/24 2:41 pm
Division	Fine Arts and Communication (1FA)		Jordan Fong (fongiordan)
Units	0		Rollback to
Hours	1 hour lecture, 15 hours lab		Initiator
Course Title	PERFORMANCE PRODUCTION I FC	DR OLDER ADULTS	3. 03/19/24 2:17 pm Jordan Fong
Short Title			(fongjordan):
			Approved for 1FA
Proposed Transferability	None		Curriculum Rep
Description and Requisites:	scheduled non-musical productions of emphasis towards confidence in perfor process of mounting a production for p theatrical production.	the Theatre Arts Department with a designated rming, as well as integrative familiarity in the full public performance. Culminates in a fully staged	
Proposed Discipline	Theater Arts		
To which Degree(s	s) or Certificate(s) would this course poter None	ntially be added?	
Are there any othe this course?	er departments that may be impacted from	n the addition of	
	No		
Comments & Othe	r Relevant Information for Discussion:		
	Intended as non-credit for older adults.	. This course mirrors THTR 49A.	
Reviewer	Jordan Fong (fongjordan) (02/26/24	10:56 am): Rollback: Sending back to you based	
Comments	on last week's FAC Div CC meeting!		
	Jordan Fong (fongjordan) (03/05/24	2:41 pm): Rollback: hours	

Key: 8919

In Workflow

Rep 2. Curriculum

1. 1FA Curriculum

Coordinator 3. Activation

Course Change Request

New Course Proposal In Workflow Date Submitted: 03/12/24 3:49 pm 1. 1FA Curriculum Viewing: THTR F463A : FILM & TELEVISION ACTING WORKSHOP Rep 2. Curriculum FOR OLDER ADULTS Coordinator 3 Activation Last edit: 03/22/24 10:11 am Changes proposed by: Tom Gough (10517673) Approval Path **Course Proposal Form** 1. 02/26/24 10:56 am Faculty Author Tom Gough Jordan Fong (fongjordan): Effective Term Summer 2025 Rollback to Theatre Arts (THTR) F463A Subject Course Number Initiator 2. 03/05/24 2:41 pm Department Theatre Arts (THTR) Jordan Fong Division Fine Arts and Communication (1FA) (fongjordan): Units 0 Rollback to Initiator Hours 3 hours lecture, 3 hours lab 3. 03/19/24 2:17 pm Course Title FILM & TELEVISION ACTING WORKSHOP FOR OLDER Jordan Fong ADULTS (fongjordan): Approved for 1FA Short Title Curriculum Rep Proposed None Transferability Proposed Targeted towards older adults, this course introduces students to the basic Description and fundamentals of on-camera acting in a practical modality. Students work with the variety of styles currently used in film and television, including commercial, dramatic, Requisites: documentary, and industrial. Students will experiment to develop the actor's relationship and understanding of camera acting techniques. Proposed Theater Arts Discipline To which Degree(s) or Certificate(s) would this course potentially be added? None Are there any other departments that may be impacted from the addition of this course? No Comments & Other Relevant Information for Discussion: Intended as non-credit for older adults. This course mirrors THTR 63A. Jordan Fong (fongjordan) (02/26/24 10:56 am): Rollback: Sending back to you based Reviewer Comments on last week's FAC Div CC meeting!

Jordan Fong (fongjordan) (03/05/24 2:41 pm): Rollback: hours

Key: 8920 Preview Bridge

FOOTHILL COLLEGE GENERAL EDUCATION & GRADUATION REQUIREMENTS

The Foothill College general education (GE) pattern is designed to ensure that students meet the four institutional/general education student learning outcomes:

- 1. **Communication:** Demonstrate analytical reading and writing skills, including evaluation, synthesis and research; deliver focused and coherent presentations; and demonstrate active, discerning listening and speaking skills in lectures and discussions.
- 2. **Computation:** Demonstrate complex problem-solving skills, technology skills, computer proficiency and decision analysis through synthesis and evaluation; apply mathematical concepts and reasoning; and analyze and use numerical data.
- Creative, Critical & Analytical Thinking: Demonstrate judgment, decision-making skills and intellectual curiosity; demonstrate problem-solving skills through analysis, synthesis and evaluation; develop creativity and aesthetic awareness; conduct research methodology; and identify and respond to a variety of learning styles and strategies.
- 4. Community/Global Consciousness & Responsibility: Demonstrate social perceptiveness, including citizenship, community service, cultural awareness, empathy, ethics, interpersonal skills, personal integrity, respect, self-esteem and sensitivity; and exhibit interest in and pursuit of lifelong learning.

Completion of the Foothill College general education pattern requires that students successfully earn a minimum of 30 units from the courses listed below, with at least one course in humanities, English, natural sciences (with laboratory), social and behavioral sciences, communication and analytical thinking, United States cultures and communities, and two courses in lifelong learning from two different academic departments. Courses may only be used in one area.

Code I. Humanities	Title	Jnits
ART 1	INTRODUCTION TO ART	4.5
ART 2A	HISTORY OF ART: HISTORY OF WESTERN ART FROM PREHISTORY THROUGH EARLY CHRISTIANITY	4.5
or ART 2AH	HONORS HISTORY OF ART: HISTORY OF WESTERI ART FROM PREHISTORY THROUGH EARLY CHRISTIANITY	N
ART 2B	HISTORY OF WESTERN ART FROM THE MIDDLE AGES TO THE RENAISSANCE	4.5
or ART 2BH	HONORS HISTORY OF WESTERN ART FROM THE MIDDLE AGES TO THE RENAISSANCE	
ART 2C	HISTORY OF WESTERN ART FROM THE BAROQUE TO CONTEMPORARY	4.5
ART 2D	AFRICAN, OCEANIC & NATIVE AMERICAN ART	4.5
ART 2E	A HISTORY OF WOMEN IN ART	4.5
ART 2F	INTRODUCTION TO ASIAN ART	4.5
ART 2J	AMERICAN ART	4.5
ART 4A	FUNDAMENTALS IN DRAWING	4

ART 4G	MURAL MAKING: COMMUNITY ART PROJECT	4
ART 5A	2-D FOUNDATIONS	
ART 5B	3-D FOUNDATIONS	
ART 20	COLOR THEORY	
ART 45B	BEGINNING CERAMICS POTTER'S WHEEL	
BUSI 70	BUSINESS & PROFESSIONAL ETHICS	4
CRWR 6	INTRODUCTION TO CREATIVE WRITING	5
CRWR 25A	POETRY IN COMMUNITY	5
CRWR 39A	INTRODUCTION TO SHORT FICTION WRITING	5
CRWR 41A	POETRY WRITING	5
DANC 10	TOPICS IN DANCE HISTORY	5
ENGL 5	LOUD & QUEER: LITERATURE OF SEXUAL/GENDER IDENTITY	4
ENGL 7	NATIVE AMERICAN LITERATURE	4
ENGL 10A	LITERATURE & THE ENVIRONMENT	4
ENGL 12	AFRICAN AMERICAN LITERATURE	4
ENGL 12A	ALL POWER TO THE PEOPLE: LITERATURE OF THE BLACK PANTHER PARTY	4
ENGL 14	TRAVELING THE WORLD THROUGH CONTEMPORARY LITERATURE	4
ENGL 16	INTRODUCTION TO LITERATURE	4
ENGL 17	INTRODUCTION TO SHAKESPEARE	4
ENGL 22	WOMEN WRITERS	4
ENGL 24	UNMASKING COMICS: THE DAWN OF THE GRAPHIC NOVEL	4
ENGL 27G	DETECTIVE & MYSTERY FICTION	4
ENGL 31	LATINO/A LITERATURE	4
ENGL 34C	LITERATURE INTO FILM	4
ENGL 37	SCIENCE FICTION LITERATURE: REIMAGINEERING REALITY	4
ENGL 38	LITERATURE OF PROTEST	4
ENGL 40	ASIAN AMERICAN LITERATURE	4
ENGL 43A	SURVEY OF BRITISH LITERATURE I: BEOWULF TO THE LATE 18TH CENTURY	5
or ENGL 43AH	HONORS SURVEY OF BRITISH LITERATURE I: BEOWULF TO THE LATE 18TH CENTURY	
ENGL 43B	SURVEY OF BRITISH LITERATURE II: THE ROMANTIC PERIOD TO THE PRESENT	5
or ENGL 43BH	HONORS SURVEY OF BRITISH LITERATURE II: THE ROMANTIC PERIOD TO THE PRESENT	
ENGL 45A	SURVEY OF AMERICAN LITERATURE I: BEGINNINGS TO 1865	5
or ENGL 45AH	HONORS SURVEY OF AMERICAN LITERATURE I: BEGINNINGS TO 1865	
ENGL 45B	SURVEY OF AMERICAN LITERATURE II: 1865 TO THE PRESENT	5
or ENGL 45BH	HONORS SURVEY OF AMERICAN LITERATURE II: 18 TO THE PRESENT	65
ENGL 49	CALIFORNIA LITERATURE: GOLDEN STATE CULTURES, GEOGRAPHIES & HISTORIES	4
ETHN 1	INTRODUCTION TO ETHNIC STUDIES	4
ETHN 2	INTRODUCTION TO AFRICAN AMERICAN STUDIES	4
ETHN 3	INTRODUCTION TO LATINX STUDIES	4
ETHN 4	INTRODUCTION TO NATIVE AMERICAN STUDIES	4

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ETHN 5	INTRODUCTION TO ASIAN AMERICAN STUDIES	4
ETHN 7	INTRODUCTION TO PACIFIC ISLANDS & OCEANIA STUDIES	4
GID 1	HISTORY OF GRAPHIC DESIGN	4
HUMN 1	CULTURES, CIVILIZATIONS & IDEAS: THE ANCIENT WORLD	4
or HUMN 1H	HONORS CULTURES, CIVILIZATIONS & IDEAS: THE ANCIENT WORLD	
HUMN 2	CULTURES, CIVILIZATIONS & IDEAS: OF EMPIRES & CONFLICT	4
HUMN 3	WORLD MYTHS IN LITERATURE ARTS & FILM	4
or HUMN 3H	HONORS WORLD MYTHS IN LITERATURE ARTS & FILM	
HUMN 4	TRAUMA & THE ARTS	4
or HUMN 4H	HONORS TRAUMA & THE ARTS	
HUMN 5	CULTURES, CIVILIZATIONS & IDEAS: THE MODERN WORLD	4
or HUMN 5H	HONORS CULTURES, CIVILIZATIONS & IDEAS: THE MODERN WORLD	
HUMN 6	THE SHOCK OF THE NEW: FROM THE MODERN TO THE CONTEMPORARY	4
HUMN 7	GLOBAL RELIGIONS: CONTEMPORARY PRACTICES & PERSPECTIVES	4
or HUMN 7H	HONORS GLOBAL RELIGIONS: CONTEMPORARY PRACTICES & PERSPECTIVES	
HUMN 8	EX MACHINA: THE PARADOX OF BEING HUMAN IN THE DIGITAL AGE	4
HUMN 9	ONCE UPON A TIME? THE IMMORTAL LURE OF FAIRY TALES	4
HUMN 10	ON THE MOVE: THE IMMIGRANT EXPERIENCE IN LITERATURE, FILM & MULTIMEDIA	4
HUMN 11	INTRODUCTION TO POPULAR CULTURE	4
or HUMN 11H	HONORS INTRODUCTION TO POPULAR CULTURE	
HUMN 13	VIDEO GAMES & POPULAR CULTURE	4
HUMN 14	THE ART OF PEACE: NARRATIVE REPRESENTATIONS OF PACIFISM	4
JAPN 14A	ADVANCED CONVERSATION I	4
JAPN 14B	ADVANCED CONVERSATION II	4
KINS 5	SPORTS & CINEMA	4
MDIA 1	INTRODUCTION TO FILM STUDIES	4
or MDIA 1H	HONORS INTRODUCTION TO FILM STUDIES	
MDIA 2A	HISTORY OF FILM 1895-1945	4
MDIA 2B	HISTORY OF FILM 1945-CURRENT	4
MDIA 2C	CURRENT TRENDS IN FILM, TV & THE INTERNET	4
MDIA 11	INTRODUCTION TO POPULAR CULTURE	4
or MDIA 11H	HONORS INTRODUCTION TO POPULAR CULTURE	
MDIA 13	VIDEO GAMES & POPULAR CULTURE	4
MUS 1	INTRODUCTION TO MUSIC	4
MUS 2A	GREAT COMPOSERS & MUSIC MASTERPIECES	5
or MUS 2AH	HONORS GREAT COMPOSERS & MUSIC MASTERPIECES	
MUS 2B	GREAT COMPOSERS & MUSIC MASTERPIECES	5
or MUS 2BH	HONORS GREAT COMPOSERS & MUSIC MASTERPIECES	
MUS 2C	GREAT COMPOSERS & MUSIC MASTERPIECES	5

or MUS 2CH	HONORS GREAT COMPOSERS & MUSIC MASTERPIECES	
MUS 2D	WORLD MUSIC: ROOTS TO CONTEMPORARY GLOBAL FUSION	5
MUS 2F	HISTORY OF AMERICAN MUSICAL THEATRE	4
MUS 8	MUSIC OF AMERICAN CULTURES	5
or MUS 8H	HONORS MUSIC OF AMERICAN CULTURES	
MUS 11D	HISTORY OF ELECTRONIC MUSIC: ORIGINS-1970	4
MUS 11E	HISTORY OF ELECTRONIC MUSIC: 1970-PRESENT	4
PHIL 2	INTRODUCTION TO SOCIAL & POLITICAL PHILOSOPHY	4
PHIL 4	INTRODUCTION TO PHILOSOPHY	4
PHIL 11	INTRODUCTION TO THE PHILOSOPHY OF ART & AESTHETICS	4
PHIL 20A	HISTORY OF WESTERN PHILOSOPHY FROM SOCRATES THROUGH ST. THOMAS	4
PHIL 20B	HISTORY OF WESTERN PHILOSOPHY FROM THE RENAISSANCE THROUGH KANT	4
PHIL 24	COMPARATIVE WORLD RELIGIONS: EAST	4
PHIL 25	COMPARATIVE WORLD RELIGIONS: WEST	4
PHOT 5	INTRODUCTION TO PHOTOGRAPHY	4
PHOT 8	PHOTOGRAPHY OF AMERICAN CULTURES	5
or PHOT 8H	HONORS PHOTOGRAPHY OF AMERICAN CULTURES	
PHOT 10	HISTORY OF PHOTOGRAPHY	4
or PHOT 10H	HONORS HISTORY OF PHOTOGRAPHY	
PHOT 11	CONTEMPORARY ISSUES IN PHOTOGRAPHY	4
or PHOT 11H	HONORS CONTEMPORARY ISSUES IN PHOTOGRAPHY	
SPAN 4	INTERMEDIATE SPANISH I	5
SPAN 5	INTERMEDIATE SPANISH II	5
SPAN 6	INTERMEDIATE SPANISH III	5
THTR 1	INTRODUCTION TO THEATRE	4
THTR 2A	HISTORY OF DRAMATIC LITERATURE: CLASSICAL TO MOLIERE	4
THTR 2F	HISTORY OF AMERICAN MUSICAL THEATRE	4
THTR 8	MULTICULTURAL THEATRE ARTS IN MODERN AMERICA	4
THTR 26	INTRODUCTION TO FASHION HISTORY & COSTUME DESIGN	4
II. English		
ENGL 1A	COMPOSITION & READING	5
or ENGL 1AH	HONORS COMPOSITION & READING	
ESLL 26	ADVANCED COMPOSITION & READING	5
Additionally, stude Apprenticeship - F	ents who complete the major requirements for the Plumbing Technology program will satisfy Area II.	
		5
& 1L or ANTH 1H & 1HL	and PHYSICAL ANTHROPOLOGY LABORATORY HONORS INTRODUCTION TO PHYSICAL ANTHROPOLOGY and HONORS PHYSICAL ANTHROPOLOGY	J
	LABORATORY	
ANTH 13 & 13L	INTRODUCTION TO FORENSIC ANTHROPOLOGY and FORENSIC ANTHROPOLOGY LABORATORY	5

ASTR 10A	GENERAL ASTRONOMY: SOLAR SYSTEM	6	ECON 9	INTERNATIONAL POLITICAL ECONOMY	4
& ASTR TUL		6	or ECON 9H	HONORS INTERNATIONAL POLITICAL ECONOMY	
ASTR TOB	GENERAL ASTRONOMY: STARS, GALAXIES,	6	ECON 25	THE GLOBAL ECONOMY	4
& ASTR TUL			GEOG 2	HUMAN GEOGRAPHY	4
or ASTR 10BH	HONORS GENERAL ASTRONOMY STARS GALAXIE	S	GEOG 5	INTRODUCTION TO ECONOMIC GEOGRAPHY	4
& ASTR 10L	COSMOLOGY	.0,	GEOG 10	WORLD REGIONAL GEOGRAPHY	4
	and ASTRONOMY LABORATORY		HIST 3A	WORLD HISTORY FROM PREHISTORY TO 750 CE	4
BIOL 9	ENVIRONMENTAL BIOLOGY	5	HIST 3B	WORLD HISTORY FROM 750 CE TO 1750 CE	4
& 9L	and ENVIRONMENTAL BIOLOGY LABORATORY	F	HIST 3C	WORLD HISTORY FROM 1750 CE TO THE PRESENT	4
BIOL 10		5	HIST 4A	HISTORY OF WESTERN CIVILIZATION TO 800 CE	4
BIOL 13		5	HIST 4B	HISTORY OF WESTERN CIVILIZATION: 700-1800	4
BIOL 14		5	HIST 4C	HISTORY OF WESTERN CIVILIZATION 1789-	4
BIOL 13		5		PRESENT	
		6	HIST 8	HISTORY OF LATIN AMERICA	4
		5	HIST 10	HISTORY OF CALIFORNIA: THE MULTICULTURAL	4
		5		STATE	
CHEM 30A	SURVEY OF INORGANIC & ORGANIC CHEMISTRY	5	HIST 17A	HISTORY OF THE UNITED STATES TO 1815	4
		5 1	HIST 17B	HISTORY OF THE UNITED STATES FROM 1812 TO	4
HONT 15	HORTICULTURE	4	LIST 170	1914 HISTOPY OF THE UNITED STATES FROM 1014 TO	4
PHYS 2A	GENERAL PHYSICS	5	1131 176	THE PRESENT	4
PHYS 4A	GENERAL PHYSICS (CALCULUS)	6	HIST 18	INTRODUCTION TO MIDDLE EASTERN	4
PSE 20	INTRODUCTION TO PHYSICAL SCIENCE	5		CIVILIZATION	
Additionally, stud	ents who complete the major requirements for the		HIST 20	HISTORY OF RUSSIA & THE SOVIET UNION	4
Apprenticeship - I	Plumbing Technology program will satisfy Area III.		KINS 2	SPORT IN SOCIETY	5
IV. Social and Bel	navioral Sciences		KINS 10	WOMEN IN SPORTS	5
ANTH 2A or ANTH 2AH	CULTURAL ANTHROPOLOGY HONORS CULTURAL ANTHROPOLOGY	4	KINS 51	PERFORMANCE ENHANCING SUBSTANCES IN	4
ANTH 2B	PATTERNS OF CULTURE	4	POLI 1		5
ANTH 3	WORLD PREHISTORY: THE RISE & FALL OF EARLY	4		AMERICAN GOVERNMENT & POLITICS	-
		1	POLI 3		5
		4			
		1	OF FOLISTI	PHILOSOPHY/POLITICAL THEORY	
		4	POLI 4	CALIFORNIA POLITICS & GOVERNMENT	5
		4	POLI 9		4
		4	or POLL9H	HONOBS INTERNATIONAL POLITICAL ECONOMY	-
		4	POLI 15	INTERNATIONAL BELATIONS/WOBLD POLITICS	4
ANTH 15	PRACTICE	4	or POLI 15H	HONORS INTERNATIONAL RELATIONS/WORLD	
ANTH 20	NATIVE PEOPLES OF CALIFORNIA	4	Dolla 1	POLITICS	_
ANTH 22	THE AZTEC, MAYA, INCA & THEIR	4	PSYCI		5
	PREDECESSORS: CIVILIZATIONS OF THE		or PSYC TH	HONORS GENERAL PSYCHOLOGY	
PLICE 22		5	PSYC 2		4
		5	PSYC 4		5
		4	PSYC 9	POSITIVE PSYCHOLOGY	4
CHLDI	THROUGH EARLY CHILDHOOD	4	PSYC 10	RESEARCH METHODS & DESIGNS	5
CHLD 2	CHILD GROWTH & DEVELOPMENT II: MIDDLE	4	PSYC 14 PSYC 21	PSYCHOLOGY OF WOMEN: SEX & GENDER	4
CNCL 2		1 E		DIFFERENCES	
		4.5	PSYC 22	PSYCHOLOGY OF PREJUDICE & DISCRIMINATION	4
OF CINSE 3H		-	PSYC 25	INTRODUCTION TO ABNORMAL PSYCHOLOGY	4
ECON IA		5	PSYC 30	SOCIAL PSYCHOLOGY	4
ECONTR	PRINCIPLES OF MICKUEGUNUMICS	5	PSYC 33	INTRODUCTION TO PERSONALITY PSYCHOLOGY	4

PSYC 40	HUMAN DEVELOPMENT	5
PSYC 49	HUMAN SEXUALITY	4
SOC 1	INTRODUCTION TO SOCIOLOGY	5
or SOC 1H	HONORS INTRODUCTION TO SOCIOLOGY	
SOC 10	SOCIAL RESEARCH METHODS & DESIGNS	5
SOC 11	INTRODUCTION TO SOCIAL WELFARE	5
SOC 15	LAW & SOCIETY	4
SOC 19	ALCOHOL & DRUG ABUSE	4
SOC 20	MAJOR SOCIAL PROBLEMS	4
SOC 23	RACE & ETHNIC RELATIONS	4
SOC 28	SOCIOLOGY OF GENDER	4
SOC 30	SOCIAL PSYCHOLOGY	4
SOC 40	ASPECTS OF MARRIAGE & FAMILY	4
SOC 45	SOCIOLOGY OF SEXUALITY	4
WMN 5	INTRODUCTION TO WOMEN'S STUDIES	4
WMN 21	PSYCHOLOGY OF WOMEN: SEX & GENDER DIFFERENCES	4

Additionally, students who complete the major requirements for any of the following Apprenticeship programs will satisfy Area IV: Air Conditioning and Refrigeration Technology (Pathway 1); Plumbing Technology; Sheet Metal.

V. Communication	n and Analytical Thinking	
COMM 1A	PUBLIC SPEAKING	5
or COMM 1AH	HONORS PUBLIC SPEAKING	
COMM 1B	ARGUMENTATION & PERSUASION	5
COMM 2	INTERPERSONAL COMMUNICATION	5
COMM 3	INTRODUCTION TO COMMUNICATION STUDIES	5
COMM 4	GROUP DISCUSSION	5
COMM 55	CAREER & LEADERSHIP COMMUNICATION IN THE GLOBAL WORKPLACE	5
CS1A	OBJECT-ORIENTED PROGRAMMING METHODOLOGIES IN JAVA	4.5
CS1B	INTERMEDIATE SOFTWARE DESIGN IN JAVA	4.5
C S 1C	ADVANCED DATA STRUCTURES & ALGORITHMS IN JAVA	4.5
C S 2A	OBJECT-ORIENTED PROGRAMMING METHODOLOGIES IN C++	4.5
C S 2B	INTERMEDIATE SOFTWARE DESIGN IN C++	4.5
C S 2C	ADVANCED DATA STRUCTURES & ALGORITHMS IN C++	4.5
C S 3A	OBJECT-ORIENTED PROGRAMMING METHODOLOGIES IN PYTHON	4.5
C S 18	DISCRETE MATHEMATICS	5
ENGL 1B	COMPOSITION, CRITICAL READING & THINKING THROUGH LITERATURE	5
or ENGL 1BH	HONORS COMPOSITION, CRITICAL READING & THINKING THROUGH LITERATURE	
ENGL 50C	TECHNICAL WRITING	5
GEOG 11	INTRODUCTION TO MAPPING & SPATIAL REASONING	4
GIST 11	INTRODUCTION TO MAPPING & SPATIAL REASONING	4
MATH 1A	CALCULUS	5
or MATH 1AH	HONORS CALCULUS I	

MATH 1B	CALCULUS	5
or MATH 1BH	HONORS CALCULUS II	
MATH 1C	CALCULUS	5
MATH 10	ELEMENTARY STATISTICS	5
MATH 12	CALCULUS FOR BUSINESS & ECONOMICS	
MATH 17	INTEGRATED STATISTICS II	5
MATH 22	DISCRETE MATHEMATICS	
MATH 40A	QUANTITATIVE REASONING	5
MATH 44	MATH FOR THE LIBERAL ARTS	5
MATH 48A	PRECALCULUS I	5
MATH 48B	PRECALCULUS II	5
MATH 48C	PRECALCULUS III	5
MDIA 3	INTRODUCTION TO FILM & MEDIA CRITICISM	4
PHIL 1	CRITICAL THINKING & WRITING	5
PHIL 7	INTRODUCTION TO SYMBOLIC LOGIC	5
PSYC 7	STATISTICS FOR THE BEHAVIORAL SCIENCES	5
SOC 7	STATISTICS FOR THE BEHAVIORAL SCIENCES	5
Additionally, stude	ents who complete the major requirements for the	
Apprenticeship - F	Plumbing Technology program will satisfy Area V.	
VI. United States	Cultures and Communities	
CHLD 51A	AFFIRMING DIVERSITY IN EDUCATION	4
CNSL 3	IDENTITY, CULTURE & EDUCATION	4.5
or CNSL 3H	HONORS IDENTITY, CULTURE & EDUCATION	
COMM 10	GENDER, COMMUNICATION & CULTURE	5
COMM 12	INTERCULTURAL COMMUNICATION	5
ENGL 7	NATIVE AMERICAN LITERATURE	4
ENGL 12	AFRICAN AMERICAN LITERATURE	4
ENGL 12A	ALL POWER TO THE PEOPLE: LITERATURE OF THE BLACK PANTHER PARTY	4
ENGL 40	ASIAN AMERICAN LITERATURE	4
ENGL 45A	SURVEY OF AMERICAN LITERATURE I: BEGINNINGS TO 1865	5
or ENGL 45AH	HONORS SURVEY OF AMERICAN LITERATURE I: BEGINNINGS TO 1865	
ENGL 45B	SURVEY OF AMERICAN LITERATURE II: 1865 TO	5
or ENGL 45BH	HONORS SURVEY OF AMERICAN LITERATURE II: 1	865
FTHN 1	INTRODUCTION TO ETHNIC STUDIES	4
ETHN 2	INTRODUCTION TO AFRICAN AMERICAN STUDIES	4
ETHN 3	INTRODUCTION TO LATINX STUDIES	4
ETHN 4	INTRODUCTION TO NATIVE AMERICAN STUDIES	4
ETHN 5	INTRODUCTION TO ASIAN AMERICAN STUDIES	4
ETHN 7	INTRODUCTION TO PACIFIC ISLANDS & OCEANIA	4
FTHN 8		4
HIST 10		4
	STATE	
HUMN 12	POPULAR CULIURE & UNITED STATES HISTORY	4
OF HOIMIN 12H	HISTORY	
MDIA 8A	BACE & GENDER IN AMERICAN MEDIA	4
MDIA 12	POPULAB CULTURE & UNITED STATES HISTORY	4

or MDIA 12H	HONORS POPULAR CULTURE & UNITED STATES	
MUS 8	MUSIC OF AMERICAN CULTURES	5
or MUS 8H		Ŭ
PHOT 8		5
or PHOT 8H		J
		Λ
SOC 9		4
500 8		4
THTR 8	MULTICULTURAL THEATRE ARTS IN MODERN	4
	AMERICA	
WMN 5	INTRODUCTION TO WOMEN'S STUDIES	4
Additionally, stud any of the follow Plumbing Techno	lents who complete the major requirements for ing Apprenticeship programs will satisfy Area VI: ology; Sheet Metal.	
VII. Lifelong Lea	rning	
The student mus in lifelong learnir purpose of this a one academic de	It successfully complete a total of four units or more ng from two different academic departments. For the Irea, ATHL, DANC, PHDA and PHED will be considered epartment.	
ATHL 4	INTERCOLLEGIATE FOOTBALL I (MEN)	2
ATHL 4A	PRESEASON CONDITIONING FOR FOOTBALL	2
ATHL 4B	SPORT TECHNIQUES & CONDITIONING FOR	2
	FOOTBALL	
ATHL 4C	FUNCTIONAL FITNESS FOR FOOTBALL	1
ATHL 4E	INTERCOLLEGIATE FOOTBALL (MEN)	1
ATHL 4F	INTERCOLLEGIATE FOOTBALL II (MEN)	3
ATHL 11	INTERCOLLEGIATE BASKETBALL I (MEN)	3
ATHL 11A	PRESEASON CONDITIONING FOR MEN'S BASKETBALL	2
ATHL 11B	SPORT TECHNIQUES & CONDITIONING FOR MEN'S BASKETBALL	2
ATHI 12	INTERCOLLEGIATE BASKETBALL I (WOMEN)	3
	PRESEASON CONDITIONING FOR WOMEN'S	2
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	BASKETBALL	-
ATHL 12B	SPORT TECHNIQUES & CONDITIONING FOR WOMEN'S BASKETBALL	2
ATHL 12E	INTERCOLLEGIATE BASKETBALL (WOMEN)	1
ATHL 21	INTERCOLLEGIATE SOCCER I (MEN)	2
ATHL 21A	PRESEASON CONDITIONING FOR MEN'S SOCCER	2
ATHL 21B	SPORT TECHNIQUES & CONDITIONING FOR MEN'S SOCCER	2
ATHL 21C	FUNCTIONAL FITNESS FOR MEN'S SOCCER	1
ATHL 21F	INTERCOLLEGIATE SOCCER II (MFN)	3
ATHL 22	INTERCOLLEGIATE SOCCER I (WOMEN)	2
ATHL 22A	PRESEASON CONDITIONING FOR WOMEN'S SOCCER	2
ATHL 22B	SPORT TECHNIQUES & CONDITIONING FOR WOMEN'S SOCCER	2
ATHL 22C	FUNCTIONAL FITNESS FOR WOMEN'S SOCCER	1
ATHL 22F	INTERCOLLEGIATE SOCCER II (WOMEN)	3
ATHL 31	INTERCOLLEGIATE SOFTBALL I (WOMEN)	3
ATHL 31A	PRESEASON CONDITIONING FOR SOFTBALL	2
ATHL 31C		1
	I GHOHORAL I HALOOT OIT OUT IDALL	1

ATHL 32	INTERCOLLEGIATE SWIMMING I (MEN & WOMEN)	3
ATHL 32A	PRESEASON CONDITIONING FOR SWIMMING	
ATHL 32C	FUNCTIONAL FITNESS FOR SWIMMING	
ATHL 32F	INTERCOLLEGIATE SWIMMING II (MEN & WOMEN)	
ATHL 33	INTERCOLLEGIATE WATER POLO I (WOMEN)	
ATHL 33A	PRESEASON CONDITIONING FOR WOMEN'S WATER POLO	
ATHL 33B	SPORT TECHNIQUES & CONDITIONING FOR WOMEN'S WATER POLO	2
ATHL 33C	FUNCTIONAL FITNESS FOR WOMEN'S WATER POLO	1
ATHL 33F	INTERCOLLEGIATE WATER POLO II (WOMEN)	3
ATHL 41A	INTERCOLLEGIATE SAND VOLLEYBALL I (WOMEN)	2
ATHL 41B	INTERCOLLEGIATE SAND VOLLEYBALL II (WOMEN)	3
ATHL 42	INTERCOLLEGIATE VOLLEYBALL I (WOMEN)	2
ATHL 42B	SPORT TECHNIQUES & CONDITIONING FOR WOMEN'S VOLLEYBALL	2
ATHL 42C	FUNCTIONAL FITNESS FOR WOMEN'S VOLLEYBALL	1
ATHL 42F	INTERCOLLEGIATE VOLLEYBALL II (WOMEN)	3
ATHL 44	INTERCOLLEGIATE TENNIS I (MEN)	3
ATHL 44A	PRESEASON CONDITIONING FOR MEN'S TENNIS	2
ATHL 44C	FUNCTIONAL FITNESS FOR MEN'S TENNIS	1
ATHL 44F	INTERCOLLEGIATE TENNIS II (MEN)	2
ATHL 45	INTERCOLLEGIATE TENNIS I (WOMEN)	3
ATHL 45A	PRESEASON CONDITIONING FOR WOMEN'S TENNIS	2
ATHL 45C	FUNCTIONAL FITNESS FOR WOMEN'S TENNIS	1
ATHL 45F	INTERCOLLEGIATE TENNIS II (WOMEN)	2
BIOL 8	BASIC NUTRITION	5
BIOL 9	ENVIRONMENTAL BIOLOGY	4
BIOL 12	HUMAN GENETICS	4
BIOL 81	LEARNERS ENGAGED IN ADVOCATING FOR DIVERSITY IN STEM	4
CHEM 81	LEARNERS ENGAGED IN ADVOCATING FOR DIVERSITY IN STEM	4
CNSL 1	COLLEGE SUCCESS	3
CNSL 56	LIFELONG LEARNING STRATEGIES	3
CNSL 72	STRESS, WELLNESS & COPING	3
CNSL 90	INTRODUCTION TO ONLINE LEARNING	1.5
COMM 2	INTERPERSONAL COMMUNICATION	5
COMM 10	GENDER, COMMUNICATION & CULTURE	5
COMM 12	INTERCULTURAL COMMUNICATION	5
COMM 55	CAREER & LEADERSHIP COMMUNICATION IN THE GLOBAL WORKPLACE	5
CRLP 7	SELF-ASSESSMENT	4
CRLP 73	EFFECTIVE RESUME WRITING	1
CRLP 74	SUCCESSFUL INTERVIEWING TECHNIQUES	1
C S 81	LEARNERS ENGAGED IN ADVOCATING FOR DIVERSITY IN STEM	4
DANC 2A	BEGINNING MODERN DANCE	1
DANC 2B	INTERMEDIATE MODERN DANCE	1
DANC 3A	BEGINNING JAZZ DANCE	1

DANC 3B	INTERMEDIATE JAZZ DANCE	1	PHED 22C	CORE CONDITIONING	1
DANC 4A	BEGINNING BALLROOM & SOCIAL DANCE	1	PHED 23A	TRAIL HIKING	1
DANC 4B	INTERMEDIATE BALLROOM & SOCIAL DANCE	1	PHED 23B	DAY HIKING	1
DANC 4C	ADVANCED BALLROOM & SOCIAL DANCE	1	PHED 24	INTRODUCTION TO GOLF	1
DANC 7	CHOREOGRAPHY	1	PHED 24A	SWING DEVELOPMENT FOR THE EXPERIENCED	1
DANC 13A	INTRODUCTION TO CONTEMPORARY DANCE	1		GOLFER	
DANC 13B	INTERMEDIATE CONTEMPORARY DANCE	1	PHED 25A	SWING ANALYSIS	1
DANC 14	DANCE CONDITIONING	1	PHED 26	BEGINNING TENNIS SKILLS	1
DANC 18A	INTRODUCTION TO HIP-HOP DANCE	1	PHED 26A	INTERMEDIATE TENNIS	1
DANC 18B	INTERMEDIATE HIP-HOP DANCE	1	PHED 27	WALK FOR HEALTH	1
HLTH 20	INTRODUCTION TO PUBLIC HEALTH	5	PHED 27A	RUN FOR FITNESS	1
HLTH 21	CONTEMPORARY HEALTH CONCERNS	4	PHED 27B	INTERMEDIATE RUN FOR FITNESS	1
HLTH 22	HEALTH & SOCIAL JUSTICE	4	PHED 27C	INTERMEDIATE WALK FOR HEALTH	1
HLTH 23	DRUGS, HEALTH & SOCIETY	4	PHED 31A	FUTSAL: INDOOR SOCCER BEGINNING	1
KINS 4	CONCEPTS OF PHYSICAL FITNESS & WELLNESS	4	PHED 31B	FUTSAL: INDOOR SOCCER INTERMEDIATE	1
KINS 16A	PREVENTION OF ATHLETIC INJURIES	3	PHED 31C	FUTSAL: INDOOR SOCCER ADVANCED	1
KINS 16B	EMERGENCY ATHLETIC INJURY CARE	3	PHED 33	BEGINNING TABLE TENNIS	1
KINS 16C	TREATMENT & REHABILITATION OF ATHLETIC	3	PHED 33A	INTERMEDIATE TABLE TENNIS	1
	INJURIES	0	PHED 33B	ADVANCED TABLE TENNIS	1
KINS 49	MANAGING PHYSICAL STRESS	3	PHED 36A	BEGINNING ARCHERY	1
LIBR 10	INTRODUCTION TO COLLEGE RESEARCH	1	PHED 36B	INTERMEDIATE ARCHERY	1
or LIBR 10H	HONORS INTRODUCTION TO COLLEGE RESEARCH		PHED 36C	ADVANCED ARCHERY	1
MATH 83	LEARNERS ENGAGED IN ADVOCATING FOR	4	PHED 37	BEGINNING BADMINTON: SINGLES & DOUBLES	1
	DIVERSITY IN STEM		PHED 37A	INTERMEDIATE BADMINTON: SINGLES &	1
PHDA 15A	MODIFIED TOTAL FITNESS	1		DOUBLES	
PHDA 16	MODIFIED GENERAL CONDITIONING	1	PHED 37B	ADVANCED BADMINTON: SINGLES & DOUBLES	1
PHDA 17	MODIFIED RESISTIVE EXERCISE	1	PHED 38A	BASKETBALL FUNDAMENTALS	1
PHDA 18	INDIVIDUALIZED EXERCISE FOR SPECIAL	1	PHED 38B	BASKETBALL GAME SKILLS	1
	POPULATIONS		PHED 38C	BEGINNING BASKETBALL	1
PHDA 21A	MODIFIED AQUATICS	1	PHED 40	BEGINNING VOLLEYBALL	1
PHDA 21B	MODIFIED WATER EXERCISE	1	PHED 40A	INTERMEDIATE VOLLEYBALL	1
PHDA 23	MODIFIED AEROBIC EXERCISE	1	PHED 40C	VOLLEYBALL: GAME SKILLS	1
PHED 10A	AQUATICS: LEVEL I, BEGINNING SWIMMING	1	PHED 41	INDOOR CYCLING: SPIN	1
PHED 10B	AQUATICS: LEVEL II, INTERMEDIATE SWIMMING	1	PHED 41A	INDOOR CYCLING: HILLS & SPRINTS	1
PHED 11A	WATER EXERCISE	1	PHED 41B	INTERMEDIATE INDOOR CYCLING	1
PHED 11B	AQUATIC FITNESS	1	PHED 45	FITNESS FOR LIFE	1
PHED 13	BEGINNING WATER POLO	1	PHED 45A	FOUNDATIONS OF STRENGTH & CONDITIONING	1
PHED 13C	WATER POLO: GAME SKILLS	1	PHED 45C	CIRCUIT TRAINING	1
PHED 15A	BEGINNING PICKLEBALL	1	PHED 46	WEIGHT LIFTING FOR HEALTH & FITNESS	1
PHED 15B	INTERMEDIATE PICKLEBALL	1	PHED 46A	INTERMEDIATE WEIGHT TRAINING FOR HEALTH &	1
PHED 15C	ADVANCED PICKLEBALL	1		FITNESS	
PHED 18	BEGINNING TAI CHI (TAIJI)	1	PHED 46B	ADVANCED WEIGHT LIFTING FOR HEALTH &	1
PHED 18B	INTERMEDIATE TAI CHI (TAIJI)	1		FITNESS	
PHED 18C	ADVANCED TAI CHI (TAIJI)	1	PHED 47B	THIGHS, ABS & GLUTEUS (TAG)	1
PHED 19B	KICKBOXING FOR FITNESS	1	PHED 47C	HIGH-INTENSITY INTERVAL TRAINING (HIIT)	1
PHED 19C	INTERMEDIATE KICKBOXING FOR FITNESS	1	PHED 49B	BOOT CAMP TRAINING	1
PHED 19D	ADVANCED KICKBOXING FOR FITNESS	1	PSYC 49	HUMAN SEXUALITY	4
PHED 21A	BEGINNING HATHA YOGA	1	SOC 19	ALCOHOL & DRUG ABUSE	4
PHED 21B	INTERMEDIATE HATHA YOGA	1	SOC 40	ASPECTS OF MARRIAGE & FAMILY	4
PHED 21C	ADVANCED HATHA YOGA	1	Additionally, stud	ents who complete the major requirements for the	
PHED 22	BEGINNING FLEXIBILITY & MOBILITY	1	Apprenticeship -	Plumbing Technology program will satisfy Area VII.	
PHED 22A	INTERMEDIATE FLEXIBILITY & MOBILITY	1	English Drafair		
PHED 22B	PILATES & YOGA	1	English Proficient	CY. ENGLIA OF ENGLIAH OF ESLL 20.	

Ethnic Studies: Any course in the <u>ETHN (Ethnic Studies</u>) subject code, currently approved for Area F of CSU GE and Area 7 of IGETC.

Math Proficiency: College-level math course at or above the level of Intermediate Algebra.

It is imperative to note that the Foothill College general education pattern is only appropriate for students pursuing the Foothill College associate in arts or associate in science degree. However, it is not appropriate for students pursuing an A.A.-T or A.S.-T degree. Students planning to earn an A.A.-T or A.S.-T must complete either the IGETC or CSU GE Breadth general education pattern. Note that completion of the IGETC or CSU GE Breadth pattern may also be used to satisfy the general education requirements for the Foothill A.A./A.S. degree. **Because there are significant differences between the three patterns, students are strongly advised to meet with a counselor to determine which pattern will best meet the student's goals.**

Effective Summer Session 2024

FOOTHILL COLLEGE

CHANGES TO GENERAL EDUCATION & GRADUATION REQUIREMENTS 2024-25

Area I - Humanities

• Removed (deactivated): MDIA 4, MDIA 7, MUS 7F, SPAN 13A, SPAN 13B, SPAN 14A, SPAN 14B

Area II - English - No changes

Area III - Natural Sciences (with laboratory) - No changes

Area IV - Social & Behavioral Sciences

• Added: ANTH 5H, Apprenticeship - Air Conditioning and Refrigeration Technology (Pathway 1), Apprenticeship - Sheet Metal

Area V - Communication & Analytical Thinking

• Added: MATH 33*

Area VI - United States Cultures & Communities

• Added: HUMN 12H, MDIA 12H, Apprenticeship - Sheet Metal

Area VII - Lifelong Learning

- Added: C S 81, PHED 19B, PHED 19C, PHED 19D
- Removed (deactivated): ATHL 31E, ATHL 31F, DANC 1A, DANC 1B, DANC 1C, PHDA 15B, PHDA 15C, PHDA 20, PHDA 24, PHDA 25, PHED 10C, PHED 11C, PHED 13A, PHED 20A, PHED 20B, PHED 21, PHED 21D, PHED 22E, PHED 24C, PHED 24D, PHED 25B, PHED 26C, PHED 43A, PHED 49A

*MATH 33 hasn't been added to the GE listing, yet, because we're waiting to receive the transfer GE approvals before activating the course

Graduation Requirements

• Added: Ethnic Studies: Any course in the ETHN (Ethnic Studies) subject code, currently approved for Area F of CSU GE and Area 7 of IGETC.

MEMORANDUM June 16, 2023

ESS 23-20 | Via Email



TO: Chief Executive Officers Chief Instructional Officers Chief Student Services Officers Chief Business Officers Academic Senate Presidents

FROM: Raul Arambula, Dean, Educational Services & Support

RE: International Baccalaureate (IB), College-Level Examinations Placement (CLEP) Examinations, and Advanced Placement (AP) Examination Chart Annual Updates

This memorandum is to provide guidance regarding title 5, §55052.5 regulations that went into effect May 1, 2021 pertaining to IB and CLEP examinations. Title 5, §55052.5 requires the Chancellor of the California Community Colleges, in collaboration with the Academic Senate of California Community Colleges, to develop and require each community college district to implement a uniform policy regarding IB and CLEP credit.

In accordance with the regulation, the policy stipulates that any student who passes an International Baccalaureate Organization IB examination and/or a CLEP examination with a minimum passing score in the subject matter (see Appendices B & C), is awarded general education area credit. Where no general education area credit matches are available, the college may award elective credit. Each community college shall also note on the student's academic record that the credit was earned through an IB and/or CLEP examination.

The text for title 5, §55052.5 is attached as a reference (Appendix A). Also included for reference is an updated Advanced Placement (AP) Examination chart (see Appendix D), which also requires a uniform policy per title 5, §55052.

This memorandum contains the following additions:

- Appendix B: IB Examination Passing Scores Chart Mathematics: Analysis and Approaches, Mathematics: Applications and Interpretations
- Appendix D: AP Examination Passing Scores Chart Calculus BC/AB Subscore, Computer Science AB, English Language, English Literature, PreCalculus, Spanish Language, Spanish Literature, World History

If you have any questions regarding this guidance, please contact Dean Raul Arambula (<u>rarambula@CCCCO.edu</u>) and Specialist Bob Quinn (<u>bquinn@CCCCO.edu</u>).

cc: Aisha Lowe, Executive Vice Chancellor, ESS Rebecca Ruan-O'Shaughnessy, Vice Chancellor, ESS Erin Larson, Dean, ESS Ginni May, ASCCC President Sean Madden, Community College Program Assistant, ESS CCCCO Staff

Appendices:

- Appendix A: Title 5, §55052.5
- Appendix B: IB Examination Passing Scores Chart
- Appendix C: CLEP Examination Passing Scores Chart
- Appendix D: AP Examination Passing Scores Chart

Appendix A: Title 5, Section 55052.5

§ 55052.5. International Baccalaureate and College Level Examination Program Examinations. The Chancellor, in collaboration with the Academic Senate for the California Community Colleges, shall develop policy guidelines on the minimum passing scores for the International Baccalaureate and/or College Level Examination Program examinations. The policy guidelines shall be distributed to community college districts on an annual basis.

The governing board of a community college district shall adopt policies to grant credit for satisfactory completion of International Baccalaureate and/or College Level Examination Program examinations typically recognized by colleges and universities as measuring competencies comparable to those achieved in baccalaureate level courses or general education areas.

The faculty in the appropriate discipline must approve International Baccalaureate and/or College Level Examination Program examination scores deemed to constitute satisfactory performance for direct course credit and/or general education area credit. Credit may be awarded for the California Intersegmental General Education Transfer Curriculum, California State University General Education Breadth, or local community college general education requirements, as most appropriate. Where no direct course or general education area matches an International Baccalaureate or College Level Examination Program exam, the college may award elective credit. Requirements may be met by such examinations in accordance with policies and procedures approved by the curriculum committee established pursuant to section 55002.

The student's academic record shall be clearly annotated to reflect that credit was earned through an international baccalaureate and/or college level examination program examination.

Note: Authority cited: Sections 66700 and 70901, Education Code. Reference: Sections 70901 and 70902, Education Code.

Appendix B: IB Examination Passing Scores Chart

IB Examination	Passing Scores	CCC Title 5 GE Areas	Minimum Semester Units ¹
Biology HL	5	Natural Science	3
Chemistry HL	5	Natural Science	3
Economics HL	5	Social/Behavioral Sciences	3
Geography HL	5	Social/Behavioral Sciences	3
History (any region) HL	5	Social/Behavioral Sciences or Humanities	3
Language A Literature HL	4	Humanities	3
Language A Language and Literature HL	4	Humanities	3
Language B (any language) HL	4	Not Applicable	0
Mathematics: Analysis and Approaches HL	4	Language & Rationality	3
Mathematics: Applications and Interpretation HL	4	Language & Rationality	3
Physics HL	5	Natural Science	3
Psychology HL	5	Social/Behavioral Sciences	3
Theatre HL	4	Humanities	3

¹ Minimum Units: 3 semester/4 quarter

Appendix C: CLEP Examination Passing Scores Chart

CLEP Examination	Passing Scores	CCC Title 5 GE Areas	Minimum Semester Units ²
American Government	50	Social/Behavioral Sciences	3
American Literature	50	Humanities	3
Analyzing and Interpreting Literature	50	Humanities	3
Biology	50	Natural Sciences	3
Calculus	50	Language and Rationality	3
Chemistry	50	Natural Sciences	3
College Algebra	50	Language and Rationality	3
College Algebra – Trigonometry	50	Language and Rationality	3
College Composition	50	Not Applicable	0
College Composition – Modular	50	Not Applicable	0
College Mathematics	50	Not Applicable	0
English Composition (no essay)	50	Not Applicable	0
English Composition (with essay)	50	Not Applicable	0

² Minimum Units: 3 semester/4 quarter

CLEP Examination	Passing Scores	CCC Title 5 GE Areas	Minimum Semester Units ²
Financial Accounting	50	Not Applicable	0
French Level I	50	Not Applicable	0
French Level II	59	Humanities	3
Freshman College Composition	50	Not Applicable	0
German Level I	50	Not Applicable	0
German Level II	60	Humanities	3
History, United States I	50	Social/Behavioral Sciences	3
History, United States II	50	Social/Behavioral Sciences	3
Human Growth and Development	50	Social/Behavioral Sciences	3
Humanities	50	Humanities	3
Information Systems and Computer Apps	50	Not Applicable	0
Introduction to Educational Psychology	50	Not Applicable	0
Introductory Business Law	50	Not Applicable	0
Introductory Psychology	50	Social/Behavioral Sciences	3
Introductory Sociology	50	Social/Behavioral Sciences	3

CLEP Examination	Passing Scores	CCC Title 5 GE Areas	Minimum Semester Units ²
Natural Sciences	50	Natural Sciences	3
Pre-Calculus	50	Language and Rationality	3
Principles of Accounting	50	Not Applicable	0
Principles of Macroeconomics	50	Social/Behavioral Sciences	3
Principles of Management	50	Not Applicable	0
Principles of Marketing	50	Not Applicable	0
Principles of Microeconomics	50	Social/Behavioral Sciences	3
Social Sciences and History	50	Not Applicable	0
Spanish Level I	50	Not Applicable	0
Spanish Level II	63	Humanities	3
Spanish with Writing I	50	Not Applicable	0
Spanish with Writing Level II	63	Humanities	3
Western Civilization I	50	Humanities or Social/Behavioral Sciences	3
Western Civilization II	50	Social/Behavioral Sciences	3

Appendix D: AP Examination Passing Scores Chart

AP Examination	Passing Scores	CCC Title 5 GE Areas	Minimum Semester Units ³
Art History	3	Humanities	3
Biology	3	Natural Sciences	4
Calculus AB	3	Language and Rationality	3
Calculus BC	3	Language and Rationality	3
Calculus BC/AB Subscore	3	Language and Rationality	3
Chemistry	3	Natural Sciences	4
Chinese Language and Culture	3	Humanities	3
Comparative Government and Politics	3	Social/Behavioral Sciences	3
Computer Science A	3	Not Applicable	0
Computer Science AB	3	Not Applicable	0
Computer Science Principles	3	Language and Rationality	3
English Language and Composition	3	Language and Rationality	3
English Language	3	Language and Rationality	3

AP Examination	Passing Scores	CCC Title 5 GE Areas	Minimum Semester Units ³
English Literature and Composition	3	Language and Rationality and Humanities	6
English Literature	3	Language and Rationality and Humanities	6
Environmental Science	3	Natural Sciences	4
European History	3	Social/Behavioral Sciences or Humanities	3
French Language and Culture	3	Humanities	3
German Language and Culture	3	Humanities	3
Human Geography	3	Social/Behavioral Sciences	3
Italian Language and Culture	3	Humanities	3
Japanese Language and Culture	3	Humanities	3
Latin	3	Humanities	3
Macroeconomics	3	Social/Behavioral Sciences	3
Microeconomics	3	Social/Behavioral Sciences	3
Physics 1	3	Natural Sciences	4
Physics 2	3	Natural Sciences	4
Physics C (mechanics)	3	Natural Sciences	4

AP Examination	Passing Scores	CCC Title 5 GE Areas	Minimum Semester Units ³
Physics C (electricity/magne tism)	3	Natural Sciences	4
PreCalculus	3	Language and Rationality	3
Psychology	3	Social/Behavioral Sciences	3
Seminar	3	Not Applicable	0
Spanish Language and Culture	3	Humanities	3
Spanish Language	3	Humanities	3
Spanish Literature and Culture	3	Humanities	3
Spanish Literature	3	Humanities	3
Statistics	3	Language and Rationality	3
Studio Art – 2D	3	Not Applicable	0
Studio Art – 3D	3	Not Applicable	0
Studio Art – Drawing	3	Not Applicable	0
U.S. Government and Politics	3	Social/Behavioral Sciences	3
U.S. History	3	Social/Behavioral Sciences or Humanities	3
World History	3	Social/Behavioral Sciences or Humanities	3
World History Modern	3	Social/Behavioral Sciences or Humanities	3

³ Minimum Units: 3 semester/4 quarter



ASCCC 2024 Spring Plenary Session Resolutions

For Discussion at Area Meetings March 22, 2024

Disclaimer:

The enclosed resolutions do not reflect the position of the Academic Senate for California Community Colleges, its Executive Committee, or standing committees. They are presented for the purpose of discussion by the field and are to be debated and voted on by academic senate delegates at the Academic Senate Fall Plenary Session held on April 20, 2024.

Resolutions Committee

Erik Reese, ASCCC Resolutions Chair Robert L. Stewart, Jr., ASCCC Resolutions Second Chair Davena Burns-Peters, San Bernardino Valley College, Area D Mark Edward Osea, Mendocino College, Area B Krystinne Mica, ASCCC Executive Director

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PLENARY RESOLUTIONS PROCESS

In order to ensure that deliberations are organized, effective, and meaningful, the Academic Senate for California Community Colleges uses the following resolution procedure:

- Pre-plenary resolutions are developed by the Executive Committee (through its committees) and submitted to the pre-plenary area meetings for review.
- Amendments and new pre-plenary resolutions are generated in the area meetings.
- The Resolutions Committee meets to review all pre-plenary resolutions and combine, reword, append, or render moot these resolutions as necessary.
- Resolutions and amendments must be submitted to the Resolutions Committee before the posted deadlines each day by using the webform available on the <u>Resolutions Process webpage</u>.
- New resolutions submitted on the second day of the plenary session are held to the next session unless the resolution is declared urgent by the Executive Committee.
- Resolutions and amendments are debated and voted upon in the general sessions on the last day of the plenary session by the delegates.
- All resources are available on the <u>ASCCC website</u>.

Prior to plenary session, it is each attendee's responsibility to read the following documents:

- Senate Delegate Roles and Responsibilities (found in Local Senates Handbook)
- Resolution Procedures (Part II in <u>Resolutions Handbook</u>)
- Resolution Writing and General Advice (Part III in Resolutions Handbook)

New delegates are strongly encouraged to watch the New Attendee Information pre-plenary webinar.

Explore California legal codes via https://leginfo.legislature.ca.gov/faces/home.xhtml

Explore California Code of Regulations, including title 5, via

https://govt.westlaw.com/calregs/Browse/Home/California/CaliforniaCodeofRegulations?transitionType=Defaul t&contextData=%28sc.Default%29

The following legend has been used to identify consent calendar items, new resolutions, and new amendments:

- Consent Calendar resolutions and amendments are marked with *
- Resolutions and amendments submitted at area meetings are marked with +
- Resolutions and amendments submitted through Thursday of the plenary session are marked with #

Amendments and urgent resolutions submitted on Fridy are marked with ^.

CONSENT CALENDAR

Resolutions may be placed on the consent calendar by the Resolutions Committee for any of the following criteria: 1) believed noncontroversial, 2) do not potentially reverse a previous position of the ASCCC, 3) do not compete with another proposed plenary session resolution. Resolutions and any subsequent clarifying amendments that meet these criteria have been included on the consent calendar. If an amendment is submitted that proposes to substantially change a resolution on the consent calendar, that resolution will be removed from the consent calendar.

Resolutions may be removed from the consent calendar at area meetings, making requests of the Resolutions Committee, and immediately before adopting the consent calendar on the last day of plenary session. Reasons for removing a resolution from the consent calendar may include moving of a substantial amendment, a desire to debate the resolution, a desire to divide the motion, a desire to vote against the resolution, or even a desire to move for the adoption by the body by acclamation.

- * 101.01 S24 Update the Paper The Course Outline of Record: A Curriculum Reference Guide Revisited
- * 111.01 S24 Adopt "Part-time Faculty: Equity, Rights, and Roles in Governance" Paper
- * 112.01 S24 Disciplines List Artificial Intelligence
- * 112.02 S24 Disciplines List Nursing
- * 112.03 S24 Disciplines List Art
- * 113.01 S24 Support SB 895 (Roth, as of March 9, 2024) to Establish the Baccalaureate Degree in Nursing Pilot Program
- * 113.02 S24 Support ACR 147 (Alvarez as of February 16, 2024): California's First-Generation College Celebration Day

NEW CATEGORIES PILOT

New resolutions categories that more closely align with the purview of the ASCCC are being piloted for the 2024 Spring Plenary Session. Numbering of these new pilot categories will begin from 101 for the first category, 102 for the second category, and so forth to distinguish them from the old categories. The new categories being piloted this spring are:

- 101) Curriculum
- 102) Degree and Certificate Requirements
- 103) Grading Policies
- 104) Educational Program Development
- 105) Student Preparation and Success
- 106) Governance Structures
- 107) Accreditation
- 108) Professional Development
- 109) Program Review
- 110) Institutional Planning and Budget Development
- 111) Academic Senate for California Community Colleges
- 112) Hiring, Minimum Qualifications, Equivalency, and Evaluations
- 113) Legislation and Advocacy
- 114) Consultation with the Chancellor's Office

101 CURRICULUM

*101.01 S24 Update the Paper The Course Outline of Record: A Curriculum Reference Guide Revisited

Whereas, The Academic Senate for California Community Colleges adopted the paper *The Course Outline of Record: A Curriculum Reference Guide Revisited*¹ in Spring 2017 and has not updated it since;

Whereas, The adoption of California Code of Regulations title 5 sections 51200² and 51201³ in 2020 established a commitment by the Board of Governors of the California Community Colleges to ground the educational mission of the California Community Colleges in the principles of diversity, equity, inclusion, and accessibility (DEIA) in order "to create a safe, inclusive, and anti-racist environment where individual and group differences are valued and leveraged for our growth and understanding as an educational community";

Whereas, The Academic Senate for California Community Colleges has grounded itself in DEIA and antiracist work through the infusion of inclusion, diversity, equity, antiracism and accessibility in its mission statement, vision statement, goals, and strategic directions; and

Whereas, The Academic Senate for California Community Colleges adopted resolutions 09.01 Fall 2021⁴ and 09.01 Fall 2023⁵ in support of requiring the incorporation of DEIA principles and practices into course outlines of record;

Resolved, That the Academic Senate for California Community Colleges update the paper *The Course Outline of Record: A Curriculum Reference Guide Revisited*⁶ to reflect the shift to infuse diversity, equity, inclusion, accessibility, and antiracism in curricular matters and present it for adoption at the Fall 2025 Plenary Session.

Contact: Robert L Stewart Jr, ASCCC Executive Committee, ASCCC Curriculum Committee

111 ACADEMIC SENATE FOR CALIFORNIA COMMUNITY COLLEGES

*111.01 S24 Adopt the Paper Part-time Faculty: Equity, Rights, and Roles in Governance

Whereas, In Spring 2021, the Academic Senate for California Community Colleges adopted resolution 19.01 S21 Create a Paper on Part-Time Faculty Equity⁷, which recognized the need to address the inequitable treatment of part-time faculty in the workplace across the full range of academic and professional matters and the consistent challenges faced by them in California community colleges; and

Whereas, Part-time faculty have contributed their lived experiences and expertise both through participation on the 2021-2022, 2022-2023, and 2023-2024 ASCCC Part-Time Faculty Committees and a statewide survey;

Resolved, That the Academic Senate for California Community Colleges adopt the paper titled *Part-time Faculty: Equity, Rights, and Roles in Governance*⁸ and disseminate the paper to local academic senates upon its adoption.

Contact: María-José Zeledón-Pérez, ASCCC Executive Committee, ASCCC Part-Time Faculty Committee

¹<u>https://www.asccc.org/sites/default/files/COR_0.pdf</u>

²<u>https://govt.westlaw.com/calregs/Document/I5F7D7FA34C6911EC93A8000D3A7C4BC3?viewType=FullText&originationContext=</u> <u>documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default)</u>

³<u>https://govt.westlaw.com/calregs/Document/I5F7FF0A34C6911EC93A8000D3A7C4BC3?viewType=FullText&originationContext=</u> <u>documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default)</u>

⁴ <u>https://www.asccc.org/resolutions/adding-culturally-responsive-curriculum-equity-mindedness-and-anti-racism-course-outline</u>

⁵ <u>https://www.asccc.org/resolutions/support-revisions-title-5-include-deia-course-outline-record</u>

⁶ https://www.asccc.org/sites/default/files/COR_0.pdf

⁷ <u>https://www.asccc.org/resolutions/create-paper-part-time-faculty-equity</u>

⁸ https://asccc.org/sites/default/files/2024-03/Part-

time%20Faculty%20Equity%2C%20Rights%2C%20and%20Roles%20in%20Governance%20%20ca.docx
112 HIRING, MINIMUM QUALIFICATIONS, EQUIVALENCY, AND EVALUATIONS

*112.01 S24 Disciplines List — Artificial Intelligence

Whereas, Oral and written testimony given through the consultation process used for the review of *Minimum Qualifications for Faculty and Administrators in California Community Colleges*, also known as the Disciplines List, supported the following addition of the Artificial Intelligence discipline:

Master's in artificial intelligence/machine learning, computer science, electrical engineering and computer science, data science, or cognitive science,

OR

the equivalent; and

Whereas, The Executive Committee of the Academic Senate for California Community Colleges has reviewed the proposal and deemed that the process outlined in the *Disciplines List Revision Handbook* was followed;

Resolved, That the Academic Senate for California Community Colleges recommend that the California Community Colleges Board of Governors adopt the proposed addition to the Disciplines List for artificial intelligence.

Contact: Eric Wada, ASCCC Executive Committee, ASCCC Standards and Practices Committee

*112.02 S24 Disciplines List – Nursing

Whereas, Oral and written testimony given through the consultation process used for the review of *Minimum Qualifications for Faculty and Administrators in California Community Colleges*, also known as the Disciplines List, supported the following revision of the Nursing discipline:

Master's in nursing OR Bachelor's in nursing AND Master's in health education or health science OR the equivalent OR the minimum qualifications as set by the Board of Registered Nursing; and

Whereas, The Executive Committee of the Academic Senate for California Community Colleges has reviewed the proposal and deemed that the process outlined in the *Disciplines List Revision Handbook* was followed;

Resolved, That the Academic Senate for California Community Colleges recommend that the California Community Colleges Board of Governors adopt the proposed revision to the Disciplines List for nursing.

Contact: Eric Wada, ASCCC Executive Committee, ASCCC Standards and Practices Committee

*112.03 S24 Disciplines List – Art

Whereas, Oral and written testimony given through the consultation process used for the review of *Minimum Qualifications for Faculty and Administrators in California Community Colleges*, also known as the Disciplines List, supported the following addition of the Art discipline:

Master's in fine arts, art, or art history OR Bachelor's in any of the above AND Master's in humanities OR the equivalent (NOTE: "Master's in fine arts" as used here refers to any master's degree in the subject matter of fine arts, which is defined to include visual studio arts such as drawing, painting, sculpture, printmaking, ceramics, textiles, and metal and jewelry art; and also art education and art therapy. It does not refer to the "Master of Fine Arts" (MFA) degree when that degree is based on specialization in performing arts or dance, film, creative writing or other nonplastic arts.); and

Whereas, The Executive Committee of the Academic Senate for California Community Colleges has reviewed the proposal and deemed that the process outlined in the *Disciplines List Revision Handbook* was followed;

Resolved, That the Academic Senate for California Community Colleges recommend that the California Community Colleges Board of Governors adopt the proposed revision to the Disciplines List for art.

Contact: Eric Wada, ASCCC Executive Committee, ASCCC Standards and Practices Committee

113 LEGISLATION AND ADVOCACY

*113.01 S24 Support SB 895 (Roth, as of March 9, 2024) to Establish the Baccalaureate Degree in Nursing Pilot Program

Whereas, California's long-standing shortage of Registered Nurses (RNs) has worsened in recent years with an increase in the number of RN retirements, increase in the percentage of employed RNs planning to retire or leaving nursing in the next two years, and a decline in RN education program enrollments and graduations, despite an increase in applications⁹;

Whereas, Bachelor of Science in Nursing (BSN) degrees are increasingly preferred in the hiring of RNs¹⁰ and California's nursing programs annually turn away thousands of qualified applicants, e.g., in 2021-22, out of 35,474 qualified applicants for a Bachelor of Science in Nursing (BSN) program there were only 12,963 spaces available of which only 9,179 ultimately enrolled¹¹;

Whereas, The Academic Senate for California Community Colleges supported the expansion of baccalaureate degree programs in the California community colleges in disciplines and communities that best serve the students of the California Community Colleges with prioritization of programs in allied health fields¹²; and

⁹ Spetz J., Chu L., Blash L., Forecasts of the Registered Nurse Workforce in California, Phillip R. Lee Institute for Health Policy Studies, August 2022

¹⁰ American Association of Colleges of Nursing (AACN) Research Brief, Employment of New Nurse Graduates and Employee Preferences for Baccalaureate Prepared Nurses, October 2023

¹¹ Spetz J., Chu L., Blash L., California Board of Registered Nursing 2021-2022 Annual School Report, August 2023

¹² ASCCC Resolution 06.02 F19 Expansion of Baccalaureate Degree Programs in Allied Health

Whereas, SB 895 (Roth, as of March 9, 2024)¹³ would

- Require the Chancellor of the California Community Colleges to develop a Baccalaureate Degree in Nursing Pilot Program that authorizes up to 15 community college districts to offer a Bachelor of Science in Nursing degree.
- 2. Require the chancellor to identify eligible community college districts that apply based on the following criteria:
 - a. There is equitable access between the northern, central, and southern parts of the state to the pilot program.
 - b. Priority is given to community college districts in underserved nursing areas.
 - c. The community college district has a nationally accredited nursing program.
- 3. Limit the total number of participants in a pilot program at a community college district to 25 percent of the community college district's associate degree in nursing class size.
- 4. Require the Legislative Analyst's Office to conduct an evaluation of the pilot program to determine the effectiveness of the program and the need to continue or expand the program;

Resolved, That the Academic Senate for California Community Colleges support SB 895 (Roth, as of March 9, 2024) to establish the Baccalaureate Degree in Nursing Pilot Program.

Contact: Angela Echeverri, Los Angeles Community College District Academic Senate, ASCCC Legislative and Advocacy Committee

*113.02 S24 Support ACR 147 (Alvarez as of February 16, 2024): California's First-Generation College Celebration Day

Whereas, Assembly Concurrent Resolution 147 (Alvarez as of February 16, 2024) calls for the California Legislature to designate November 8, 2024, as "California's First-Generation College Celebration Day" to recognize the significant role of first-generation college students in developing the state's future workforce and to celebrate their achievement; and

Whereas, According to the California Community Colleges Chancellor's Office, 35% of students enrolled in California's community colleges identify as first generation, highlighting the important role that community colleges play in their educational process;

Resolved, That the Academic Senate for California Community Colleges support the passage of ACR 147 (Alvarez as of February 16, 2024) and the designation of November 8, 2024, as "California's First-Generation College Celebration Day" and encourages local senates to actively recognize and celebrate this day; and

Resolved, That the Academic Senate for California Community Colleges work collaboratively with system partners to develop and enhance programs and services that specifically address the needs of first-generation college students, supporting their access to higher education and fostering their retention and completion rates.

Contact: Manuel Velez, ASCCC Executive Committee, ASCCC Legislation and Advocacy Committee

Academic Senate for California Community Colleges One Capitol Mall, Suite 230 Sacramento, CA 95814 (916) 445-4753 <u>info@asccc.org</u> <u>www.asccc.org</u>

Foothill College College Curriculum Committee Course Deactivation Exemption Request

Per the <u>Policy on Course Currency</u>, approved by the College Curriculum Committee on April 21, 2015, courses that have not been taught within the last 4 years will be deactivated and thereby removed from Foothill publications unless there is an exemption request by the *Division Curriculum Committee that is approved by the College Curriculum Committee. Courses not approved for continuance will be removed from the catalog for the following* academic year.

Division: HSH

Course Number: HORT F060G Course Title: Landscape Design: Intermediate Computer Applications

Justification for retaining the course (please include information as to why the course was not taught in four years):

This course is a follow up course to Vectorworks and would give the student additional skill in a software that is used in landscape design.

Next quarter(s) in which the course will be scheduled:

Spring 2025

Please briefly explain the Division's plan for a regular cycle of offering this course, including a plan for future success of the course:

This class will be offered every two years.

Comments & other relevant information for discussion:

None

Division Dean: <u>Nancy Cheung</u>	Date: <u>3/9/2024</u>
	-, ,

Division Curriculum Representative: <u>Catherine Draper</u>

Date: <u>3/8/2024</u>

Date of Approval by Division Curriculum Committee: 3/8/2024

Foothill College College Curriculum Committee Course Deactivation Exemption Request

Per the <u>Policy on Course Currency</u>, approved by the College Curriculum Committee on April 21, 2015, courses that have not been taught within the last 4 years will be deactivated and thereby removed from Foothill publications unless there is an exemption request by the Division Curriculum Committee that is approved by the College Curriculum Committee. Courses not approved for continuance will be removed from the catalog for the following academic year.

Division: Fine Arts and Communication

Course Number: MDIA 52

Course Title: SCRIPTWRITING FOR FILM & VIDEO

Justification for retaining the course (please include information as to why the course was not taught in four years):

This class is part of the AS-T in Film and will become a core requirement to complete the degree in 2025. Beginning in the 2024-2025 academic year it must be taught on a regular basis.

Next quarter(s) in which the course will be scheduled:

Winter 2025

Please briefly explain the Division's plan for a regular cycle of offering this course, including a plan for future success of the course:

This class will be offered at least once per year starting in 2024-2025, twice annually the following year (depending on student demand as our degree seeking student body continues to grow).

Comments & other relevant information for discussion:

Division Dean: <u>Ron Herman</u>	Date: <u>4/7/24</u>
Division Curriculum Representative: <u>Cynthia Brannvall</u>	Date: <u>4/9/24</u>
Date of Approval by Division Curriculum Committee: <u>4/9/24</u>	

Foothill College College Curriculum Committee Course Deactivation Exemption Request

Per the <u>Policy on Course Currency</u>, approved by the College Curriculum Committee on April 21, 2015, courses that have not been taught within the last 4 years will be deactivated and thereby removed from Foothill publications unless there is an exemption request by the Division Curriculum Committee that is approved by the College Curriculum Committee. Courses not approved for continuance will be removed from the catalog for the following academic year.

Division: Fine Arts and Communication

Course Number: PHOT 57B **Course Title:** PROFESSIONAL PRACTICES IN PHOTOGRAPHY

Justification for retaining the course (please include information as to why the course was not taught in four years):

This class was taught regularly but has been alternating with the GID 60/61 in recent years. We have revised the class to be Photo 57, and it will be an integral part of our Photography AA and Certificates in the future with an enhanced CTE focus. Since Photo 57 will not be available until Summer 2025 and we want to keep this content and class on our degree and certificates, we ask for this class to not be deactivated.

Next quarter(s) in which the course will be scheduled:

Spring 2025 if possible. Planning the scheduling of this important class will be based on enrollment and demand.

Please briefly explain the Division's plan for a regular cycle of offering this course, including a plan for future success of the course:

As we continue to develop our guided pathways and our stacked certificates and our AA, we will offer this class every Spring. Photo 57b will be part to our Associate's Degree and as the Certificate of Achievement in Photography as a core class and be part of the Certificate of Achievement in Commercial Photography and Certificate of Achievement in Digital Photography Techniques as a support course.

Comments & other relevant information for discussion:

Division Dean: <u>Ron Herman</u>	Date: <u>3/15/24</u>
Division Curriculum Representative: Jordan C. Fong	Date: <u>3/19/24</u>
Date of Approval by Division Curriculum Committee: <u>3/19/24</u>	

Course Number & Title: Sheet Metal Apprenticeship Program

Breadth Criteria:

At Foothill College, the primary objective of the general education requirements is to provide students with the depth and breadth of knowledge and understanding required to be independent, thinking persons who are able to interact successfully with others as educated and productive members of our diverse society. Design and implementation of the general education curriculum ensures that students have exposure to all major disciplines, understand relationships among the various disciplines, and appreciate and evaluate the collective knowledge and experiences that form our cultural and physical heritage. General education courses provide content that is broad in scope and at an introductory depth, and all require critical thinking.

A general education enables students to clarify and present their personal views as well as respect, evaluate, and be informed by the views of others. This academic program is designed to facilitate a process that enables students to reach their fullest potential as individuals, national and global citizens, and lifelong learners for the 21st century.

In order to be successful, students are expected to have achieved minimum proficiency in math (MATH 105) and English (ENGL 1A, 1AH or ESL 26) before enrolling in a GE course.

A completed pattern of general education courses provides students with opportunities to acquire, practice, apply, and become proficient in each of the core competencies listed below.

- B1. Communication (analytical reading, writing, speaking, and listening skills including evaluation, synthesis, and research).
- B2. Computation (application of mathematical concepts, and/or using principles of data collection and analysis to solve problems).
- B3. Creative, critical, and analytical thinking (reasoning, questioning, problem solving, and consideration of consequence).
- B4. Community and global consciousness and responsibility (consideration of one's role in society at the local, regional, national, and global level in the context of cultural constructs and historical and contemporary events and issues).
- B5. Information competency (ability to identify an information need, to find, evaluate and use information to meet that need in a legal and ethical way) and digital literacy (to teach and assess basic computer concepts and skills so that people can use computer technology in everyday life to develop new social and economic opportunities for themselves, their families, and their communities).

Depth Criteria for Area III - Natural Sciences:

Natural science courses deal with the physical universe, the testable principles that govern its operations, its life forms, and its natural, measurable phenomena. One primary purpose of these courses is to promote an awareness of the methods of scientific inquiry and the power of scientific inquiry to describe the natural world. Emphasis is on understanding and applying the scientific method, which promotes a sense of discovery, fosters critical analysis, and encourages an understanding of the relationships between science and other human activities. A General Education natural science course should exhibit the same methods and skills used by scientists when seeking an understanding of the uncertainty and complexity of the natural world.

A successful General Education Natural Science course *must* promote in students:

- N1. An understanding of the scientific method, including its attributes and limitations;
- N2. The ability to make judgments regarding the validity of scientific evidence;
- N3. An understanding of the relationship between hypothesis, experiment, fact, theory and law;
- N4. The ability to use inductive and deductive reasoning;
- N5. The practice of thinking critically, including evaluating ideas and contrasting opinions;
- N6. The ability to evaluate, use and communicate scientific data;
- N7. An introduction to current scientific theories within the field of study;
- N8. Experience with laboratory activities using laboratory techniques consistent with those employed within the discipline;
- N9. Experience applying recognized scientific methodology in laboratory activities.*

Additional criterion thought to enhance a natural science course include any of the following:

- N10. An appreciation of the contributions of science to modern life;
- N11. An appreciation of the contributions to science of diverse people and cultures;
- N12. An understanding of the interdependence of humans and their environment;
- N13. A recognition of how human behavior has altered the environment;
- N14. A sense of the history of science and the ideas and experiments that have led to our present understanding.

Be advised that the following criteria for a GE lab is consistent with a definition provided by the National Research Council, 2005:

"Laboratory experiences provide opportunities for students to interact directly with the material world (or with data drawn from the material world), using the tools, data collection techniques, models, and theories of science. This definition includes student interaction with astronomical databases, genome databases, databases of climatic events over long time periods, and other large data sets derived

directly from the material world. It does not include student manipulation or analysis of data created by a teacher to simulate direct interaction with the material world. For example, if a physics teacher presented students with a constructed data set on the weight and required pulling force for boxes pulled across desks with different surfaces and asked them to analyze these data, the students' problemsolving activity would not constitute a laboratory experience in the committee's definition."

- * To accomplish these goals a laboratory course *must* emphasize the methods of scientific inquiry by engaging students in:
- NL15. Observation and collection of data through direct interaction with the material world;
- NL16. Use of tools, data collection techniques, models and theories of science most prevalent in relevant research laboratories;
- NL17. Data may be from large data sets derived directly from the material world, but may not rely exclusively on student manipulation or analysis of data created by a teacher to simulate direct interaction with the material world;

- NL18. Analysis and interpretation of data;
- NL19. Formulation and testing of hypotheses;
- NL20. Communicating effectively through oral and/or written work;
- NL21. A minimum of one collaborative activity;
- NL22. A minimum of one laboratory unit or the equivalent of 33 hours of laboratory instruction per quarter.

Additional criterion thought to enhance a natural science laboratory include any of the following:

- NL23. Keep accurate and complete experimental records;
- NL24. Perform quantitative and qualitative measurements;
- NL25. Interpret experimental results and draw reasonable conclusions;
- NL26. Analyze data statistically and assess the reliability of results;
- NL27. Critically evaluate the design of an experiment;
- NL28. Design experiments to test hypotheses;
- NL29. Work effectively in small groups and teams.

Course Number & Title: Sheet Metal Apprenticeship Program

Please map each appropriate component from the **Course Outline of Record** to the appropriate depth and breadth criteria. You can use any part of your COR including course outcomes, expanded content, methods of instruction/evaluation, and/or lab content.

Depth Map: <u>Must</u> include the following:

N1. An understanding of the scientific method, including its attributes and limitations;

Matching course component(s):

Sheet metal students learn the scientific method throughout their course of study. The program modules for sheet metal integrate the scientific method by teaching technicians to diagnose and correct indoor air quality issues through systematic observation and experimentation. Developing and testing hypotheses both on the job and during formal instruction, sheet metal students also learn the limits of testing models.

"Concepts of the scientific method are performed in the IAQ curriculum through an understanding of hazardous effects of an improperly installed or adjusted system. Technicians are able to analyze a system's functioning by symptoms experienced in the building occupants such as "Sick Building Syndrome" or CO2 poisoning. Once problems are noted, technicians can make corrections based on the hazards or inefficiencies experienced."

Sheet Metal courses including but not limited to (APSM 116, APSM 119, APSM 122)

BTSM Program, Year 3, Semester 4, Module 16-12 (GVSU reading Plans), BTSM Program, Year 3, Semester 3, Module 19-6 (Heating Systems), BTSM Program, Year 4, Semester 4, Module 22-#8-#15 (Duct Leakage Testing), BTSM Program, Year 3, Semester 3, Module 19-4 (Filters)

N2. The ability to make judgments regarding the validity of scientific evidence;

Matching course component(s):

Throughout their course of study, sheet metal students learn to critically assess scientific evidence in materials selection, such as asbestos identification and mitigation, reinforcing the importance of safety and health standards. The ability to make judgements about the validity of scientific evidence is also critical to meeting health and safety codes in the industry.

"APSM 107/ Lesson 12/Expansion and Contraction: Students are expected to understand the concepts of water movement, and principles related to scientific evidence of moisture infiltration in order to properly install architectural water proofing systems. The understanding of scientific principles of water infiltration, allows the students to correctly size, fabricate, and install architectural sheet metal systems ensuring a water tight system allowing for expansion and contraction."

Sheet Metal courses including but not limited to (APSM 104, APSM 112, APSM 119, APSM 128)

BTSM Program, Year 1, Semester 1, Module 4-10 (Asbestos Awareness), BTSM Program, Year 2, Semester 4, Module 12-6 (OSHA Cranes and Derricks in Construction), BTSM Program, Year 3, Semester 3, Module 19-4 (Filters), BTSM Program, Year 2, Semester 4, Module 12-4 (Fire Smoke Dampers), BTSM Program, Year 4, Semester 4, Module 12-#1-#12 (Fire Smoke Damper Certification Testing)

N3. An understanding of the relationship between hypothesis, experiment, fact, theory and law;

Matching course component(s):

Through rigging and welding exercises, sheet metal students both learn and apply principles from physics, understanding the practical implications of scientific laws in safe material handling. Sheet metal students must also apply these understandings at job sites where safety and code compliance are paramount.

"APSM 112/ Lesson 9/Hoisting and Rigging: Students enrolled in hoisting and rigging exercises must correctly calculate and demonstrate safe sling or choker usage in preparation of a material lift. This calculation involves an understanding of weight calculations, proper sling angles, and calculations of center of gravity for many materials and shapes. The class uses known scientific principles and manufacturer data to the end goal of a student understanding how to prepare for a safe material lift."

Sheet Metal courses including but not limited to (APSM 112, APSM 113, APSM 114, APSM 118, APSM 106)

BTSM Program, Year 2, Semester 4, Module 12-9 (Hoisting and Rigging), BTSM Program, Year 1, Semester 4, Module 6-4 (Fluxes), BTSM Program, Year 3, Semester 1, Module 13-#1-#10 (Welding and Welding Safety), BTSM Program, Year 3, Semester 1, Module 14-#1-#10 (Welding 2 Courses), BTSM Program, Year 3, Semester 2, Module 18-#1-#12 (Industrial Welding Course)

N4. The ability to use inductive and deductive reasoning;

Matching course component(s):

The selection of appropriate tools and first aid measures in sheet metal courses showcases the application of inductive and deductive reasoning in trade practices. Sheet metal students must also read and write written responses to their assignments which requires the application of both inductive and deductive reasoning.

"APSM 101/Lesson 12/Hardware of the Craft: Students who begin the study of hardware of the craft are using reasoning skills in selecting the proper hardware for fasteners, hangers, and anchors. Understanding material types, gauges, physical and spatial limitations for installation, job specifications, codes, standards, are all part of the selection process for hardware in the sheet metal industry."

Sheet Metal courses including but not limited to (APSM 101, APSM 102, APSM 107)

BTSM Program, Year 1, Semester 1, Module 1-12 (Hardware of the Craft), BTSM Program, Year 1, Semester 1, Module 1-13 (Sheet Metal Tools), BTSM Program, Year 1, Semester 1, Module 2-8 (Shop Equipment 1), BTSM Program, Year 2, Semester 1, Module 7-1 (First Aid)

N5. The practice of thinking critically, including evaluating ideas and contrasting opinions;

Matching course component(s):

Evaluating tools for sheet metal work and measuring techniques in sheet metal courses cultivates critical thinking by comparing alternative solutions to practical problems. Sheet metal students must also read and write written responses to their assignments which requires the evaluation of differing opinions from their peers and other experts and authors.

"APSM 110/Lesson 6/Measuring Techniques and Tools: Students gain an understanding on the types of measurements needed in the sheet metal industry, and the various tools that can correctly perform the task. The lesson covers various methods and practices to attain critical measurements in order to install architectural and mechanical systems. This would involve contrasting opinions and evaluating ideas, because job scenarios are all different and selecting the best tool for the job is dependent on the conditions."

Sheet Metal courses including but not limited to (APSM 101, APSM 102, APSM 128, APSM 110)

BTSM Program, Year 2, Semester 3, Module 10-6 (Measuring Techniques and Tools), BTSM Program, Year 1, Semester 1, Module 1-13 (Sheet Metal Tools, BTSM Program, Year 1, Semester 1, Module 2-8 (Shop Equipment 1), BTSM Program, Year 4, Semester 4, Module 28-12 (FSD certification Testing)

N6. The ability to evaluate, use and communicate scientific data;

Matching course component(s):

Flashing overview and welding classes emphasize evaluating and using scientific data for material selection and understanding weld joint geometry, demonstrating effective communication of technical specifications. Additionally, sheet metal students must communicate with peers, supervisors, and customers about complex science driven solutions.

"APSM 113/Lesson 10/Parts of a Weld/Weld Geometry: Students who complete this lesson will be able to properly identify parts of a weld and a weld joint. When discussing weld procedures or specifications, understanding naming conventions which are described in AWS codes or job specifications involves a focused understanding on parts of a weld and weld joint geometry. This lesson further goes into parts of a weld with identification of discontinuities seen in welding which guide students in hands on welding exercises."

Sheet Metal courses including but not limited to (APSM 136, APSM 126, APSM 113, APSM 108)

BTSM Program, Year 4, Semester 3, Module 36-#1-#14 (Mechanical Acceptance Testing), BTSM Program, Year 5, Semester 4, Module 16-#1-#9 (Foreman Training Course), BTSM Program, Year 3, Semester 1, Module 13-10 (Parts of a Weld/Weld Joint Geometry), BTSM Program, Year 2, Semester 2, Module 8-1 (Flashing Overview)

N7. An introduction to current scientific theories within the field of study;

Matching course component(s):

Heating and cooling systems lessons introduce current scientific theories on thermodynamics, enabling sheet metal technicians to not just meet the demands of the profession, but to understand the scientific theories that undergird their course of study.

"APSM 119/Lesson 6/ Heating Systems: An understanding of Heating systems and Heat Transfer is used by HVAC technicians to make system adjustments for the end result of changing the ambient temperature of a room. Understanding BTU calculations, outside air calculations, and properties of air are essential in the process of learning how to condition an environment for comfort and safety."

Sheet Metal courses including but not limited to (APSM 159A, APSM 119, APSM 177A)

BTSM Program, Year 4, Semester 1, Module 153-#1-#10 (Introduction to Testing, Adjusting & Balancing of HVAC Systems), BTSM Program, Year 3, Semester 3, Module 19-6 (Heating Systems), BTSM Program, Year 4, Semester 2, Module 153B-#1-#9 (Title 24)

N8. Experience with laboratory activities using laboratory techniques consistent with those employed within the discipline;

Matching course component(s):

The nature of the profession means that sheet metal students learn and practice in a laboratory setting. The main sheet metal learning center is as living lab where students develop and test their approaches to a real-world problem in the lab and use their training to evaluate and assess their approaches to solving problems. Among other things, sheet metal students conduct measurements of sheet metal in construction environments, measurements and calibration of tools, application of tools and methods in quality assurance.

"APSM 105/ Lesson 9/ Rectangular Duct Elbows: Students are instructed on the proper layout and fabrication of various degree elbows seen in the sheet metal industry. This shop practice involves use of layout tools, hand tools, shop equipment, and safety awareness. This directly relates to shop fabrication work seen in the sheet metal industry."

Sheet Metal courses including but not limited to (APSM 103, APSM 104, APSM 105, APSM 109)

BTSM Program, Year 1, Semester 2, Module 3-1 (Review of Allowances and Pattern Making), BTSM Program, Year 1, Semester 2, Module 3-6 (Graphic Visualization), BTSM Program, Year 1, Semester 2, Module 4-#5-#9 (Fabrication and Layout of Plenum), BTSM Program, Year 1, Semester 3, Module 5-#10-#11 (Drafting and Construction of Rectangular Elbow), BTSM Program, Year 2, Semester 3, Module 9-5 (Compound Transitions)

N9. Experience applying recognized scientific methodology in laboratory activities.

Matching course component(s):

As this quote from the COR for APSM 103 indicates, sheet metal students "use sheet metal tools, including hand tools and snips, shear, roll, and hand brake. Use of arithmetic and algebraic principles relating to sheet metal layout, fabrication of duct, pan, 45-degree tap-in, and plenum. Demonstration of other shop equipment used in the sheet metal industry. Planning field activities involving sequences of steps for measurement, constructing of pieces, folding and modification, field engineering applications, testing and certification of material modifications." These activities must need that sheet metal students have a thorough and practical familiarity with scientific methodology in lab settings.

"APSM 113/Lesson 6/DASH Principles: Students who have completed the safety portion of welding begin the shop practice of welding and apply the principles of DASH (distance, angle, speed, heat). Students begin welding using the Shielded Metal Arc Welding Process on Black iron and Galvanized steel. Proper electrode manipulation is referenced through the discussion of DASH and applied in the shop practice."

Sheet Metal courses including but not limited to (APSM 103, APSM 104, APSM 105)

BTSM Program, Year 1, Semester 2, Module 3-2 (Shop Equipment 2), BTSM Program, Year 1, Semester 2, Module 4-#5-#9 (Fabrication and Layout of Plenum), BTSM Program, Year 1, Semester 3, Module 5-#10-#11 (Drafting and Construction of Rectangular Elbow), BTSM Program

Depth Map: Additionally, include any of the following:

N10. An appreciation of the contributions of science to modern life;

Matching course component(s):

Science and engineering are coupled in the field of construction materials, and sheet metal components are foundational (fundamental) in automotive and aerospace (transportation) construction and building science. Modern materials innovation is essential (high performance materials) energy efficiency, lightweighting, metal finishing and treatments (decorative materials). Students in the sheet metal program therefore are required to learn not just the specifics of their industry but the role scientific revolutions have had on that industry and society as a whole.

"APSM 122/Lesson 2/Building Codes, APSM 122/Lesson 3/Mechanical Codes: A student's ability to read codes is extremely important as criteria for construction adapts for life safety concerns and quality installations. These classes teach students not to memorize code cycles, but to learn references for any code to be enforced for a project. Implementation of new codes and procedures ensures a building is constructed to an approved design and safety criteria."

Sheet Metal courses including but not limited to (APSM 136, APSM 122)

BTSM Program, Year 4, Semester 3, Module 36-#1-#14 (Mechanical Acceptance Testing), BTSM Program, Year 4, Semester 4, Module 22-3 (Mechanical Codes)

N11. An appreciation of the contributions to science of diverse people and cultures;

Matching course component(s):

Sheet metal work traces its roots back millennia, representing a rich tapestry of craftsmanship across various cultures and tribes around the world. This ancient craft, evolving through the ingenuity and resourcefulness of diverse peoples, showcases the wide-ranging contributions to metalworking techniques and applications. From the intricate metalwork of ancient Egypt and the Far East to the sturdy armors of medieval Europe, sheet metal has been a cornerstone in the development of civilizations, highlighting the creativity and skill of countless unnamed artisans.

"APSM 103/Lesson 7/History of the Trade in the Bay Area: Students will have an understanding of the history of Local 104 and the originating members of our trade who were comprised mostly of immigrants. The presentation also highlights diversity within our trade through the highlighting of minority group representation."

BTSM Program, Year 1, Semester 1, Module 3-7 (History of the Trade in the Bay Area)

N12. An understanding of the interdependence of humans and their environment;

Matching course component(s):

The application of metal and metal materials has allowed humans to coexist in varied and extreme environments, from oceans to extreme heat and cold to atmosphere and space. Humans are dependent on the environment for ecosystem system services, minerals and other raw materials, (construction materials, .e.g. wood, stone, even ice) as well as thermal and chemical energy. The work, and therefore training, of sheet metal students is always in response to the environment an understanding of human impact on it. At the core of their training sheet metal students are quite literally terraformers, world shapers.

"APSM 102/ Lesson 12/ Managing Safety and Health: Preventing injuries and illness from health hazards seen on the jobsite effects all those in construction as well as families and communities of those employed in the industry. An individual who is exposed to asbestos for example, without proper training can actually introduce the hazard in the home without proper hazardous waste containment."

Sheet Metal courses including but not limited to (APSM 111, APSM 112, APSM 113)

BTSM Program, Year 2, Semester 4, Module 11-1 (SMACNA Guidelines), BTSM Program, Year 2, Semester 4, Module 12-2 (Material Handling and Staging), BTSM Program, Year 3, Semester 1, Module 13-2 (Welding Safety)

N13. A recognition of how human behavior has altered the environment;

Matching course component(s):

In addition to the environmental health and safety training sheet metal students receive, they also must understand how the internal environment of a building must meet the needs of the humans who occupy. Additionally, the sheet metal students must understand the external environment of a build to a gauge, for example, how airflow in and around the building will impact venting. When seen this way, sheet metal students are participating in and learning to understand the impact of humans on their many environments. Combining this with their training in critical thinking and ethics makes this curriculum a potent lens to understand the world.

"A**PSM 122/ Lesson 5/ SMACNA Standards:** Students reference SMACNA standards and learn to navigate multiple SMACNA documents effectively. SMACNA creates standards and helps implement code enforcement

for proper design, fabrication, installation, testing of HVAC systems and architectural installations. Knowing SMACNA standards for proper design and construction of systems directly effects the surrounding environment through research in energy efficient system designs which reduces environmental impact. Building to the standards also addresses indoor air quality concerns directly improving breathing conditions and safety for the occupants."

Sheet Metal courses including but not limited to (APSM 112, APSM 124, APSM 107, APSM 122)

BTSM Program, Year 2, Semester 4, Module 12-2 (Outlets Dampers and Duct Accessories), BTSM Program, Year 2, Semester 1, Module 7-10 (Energy Efficiency through Duct Design), BTSM Program, Year 5, Semester 2, Module 24-2 (Moisture Control)

N14. A sense of the history of science and the ideas and experiments that have led to our present understanding.

Matching course component(s):

Sheet metal apprenticeship training is not merely about mastering the technical skills of cutting, shaping, and joining metal; it also encompasses a deep appreciation for the history of science, highlighting the pivotal ideas and experiments that have paved the way to our current understanding of metallurgy. Apprentices are immersed in the study of modern metallurgy, including the development of high-performance alloys, advanced manufacturing techniques, and the intricacies of tooling for precise shaping and forming. This comprehensive curriculum ensures a well-rounded knowledge of high-performance materials and welding, as well as the environmental and economic aspects of recycling steel and aluminum. Such an approach not only honors the legacy of past innovations but also prepares apprentices for future advancements in the field.

"APSM 103/ Lesson 7/History of the Trade in the Bay Area: A discussion and presentation on the history of Local 104 as well as a history of the labor movements of the early 1900's. Present conditions of our local training are addressed through the history of the labor movement in the bay area."

(APSM 118, APSM 177A, APSM 159A, APSM 175A)

BTSM Program, Year 3, Semester 2, Module 18-#1-#12 (Industrial Welding Course), BTSM Program, Year 4, Semester 2, Module 153B-5 (Title 24), BTSM Program, Year 4, Semester 2, Module 153A-8 (Measure Airflow at Registers), BTSM Program, Year 4, Semester 2, Module 153AB-5 (Fan Laws Lab Assignment)

Depth Map: Additionally, must emphasize the following:

N15. Observation and collection of data through direct interaction with the material world;

Matching course component(s):

The application of metal and metal materials has allowed humans to coexist in varied and extreme environments, from oceans, to extreme heat and cold to atmosphere and space. Humans are dependent on environment for ecosystem system services, minerals and other raw materials, (construction materials, .e.g. wood, stone, even ice) as well as thermal and chemical energy. The work, and therefore training, of sheet metal students is always in response to the environment an understanding of human impact on it. At the core of their training sheet metal students are quite literally terraformers, world shapers.

"APSM 106/ Lesson 7/Soldering Practice: Students are given shop instruction and practice on soldering techniques. Soldering involves base metal preparation, material identification, and proper flux/ soldering iron selection. Once all materials are correctly selected and identified, students heat soldering irons to ideal temperatures to prevent material warping, and proper joint wetting."

Sheet Metal courses including but not limited to (APSM 111, APSM 112, APSM 113)

BTSM Program, Year 2, Semester 4, Module 11-1 (SMACNA Guidelines), BTSM Program, Year 2, Semester 4, Module 12-2 (Material Handling and Staging), BTSM Program, Year 3, Semester 1, Module 13-2 (Welding Safety)

N16. Use of tools, data collection techniques, models and theories of science most prevalent in relevant research laboratories;

Matching course component(s):

The nature of the profession means that sheet metal students learn and practice in a laboratory setting. The main sheet metal learning center is as living lab where students develop and test their approaches to a real-world problem in the lab and use their training to evaluate and assess their approaches to solving problems. Among other things, sheet metal students conduct measurements of sheet metal in construction environments, measurements and calibration of tools, application of tools and methods in quality assurance.

"APSM 113/ Lesson 11/ Discontinuities and Defects: Students learn through classroom discussion and shop practice how to correctly identify discontinuities and weld defects. Proper identification of weld discontinuities allows students to make adjustments to welding equipment or technique correction to improve irregularities in a weldment."

Sheet Metal courses including but not limited to (APSM 103, APSM 104, APSM 105)

BTSM Program, Year 1, Semester 2, Module 3-1 (Review of Allowances and Pattern Making), BTSM Program, Year 1, Semester 2, Module 3-6 (Graphic Visualization), BTSM Program, Year 1, Semester 2, Module 4-#5-#9 (Fabrication and Layout of Plenum), BTSM Program, Year 1, Semester 3, Module 5-#10-#11 (Drafting and Construction of Rectangular Elbow), BTSM Program, Year 2, Semester 3, Module 9-5 (Compound Transitions)

N17. Data may be from large data sets derived directly from the material world, but may not rely exclusively on student manipulation or analysis of data created by a teacher to simulate direct interaction with the material world;

Matching course component(s):

The nature of the profession means that sheet metal students learn and practice in a laboratory setting. The main sheet metal learning center is as living lab where students develop and test their approaches to a real-world problem in the lab and use their training to evaluate and assess their approaches to solving problems. Among other things, sheet metal students conduct measurements of sheet metal in construction environments, measurements and calibration of tools, application of tools and methods in quality assurance.

"APSM 175A/ Lesson 15/Measure Minimum Ventilation Airflow. Students interpret performance data from manufacturer submittals and design documents. Students then directly take performance data from project submittals and use airflow measuring equipment to compare to performance data. The results quantify the performance of a system without the results being preconfigured by an instructor."

Sheet Metal courses including but not limited to (APSM 103, APSM 104, APSM 105)

BTSM Program, Year 1, Semester 2, Module 3-1 (Review of Allowances and Pattern Making), BTSM Program, Year 1, Semester 2, Module 3-6 (Graphic Visualization), BTSM Program, Year 1, Semester 2, Module 4-#5-#9 (Fabrication and Layout of Plenum), BTSM Program, Year 1, Semester 3, Module 5-#10-#11 (Drafting and Construction of Rectangular Elbow), BTSM Program, Year 2, Semester 3, Module 9-5 (Compound Transitions)

N18. Analysis and interpretation of data;

Matching course component(s):

The nature of the profession means that sheet metal students learn and practice in a laboratory setting. The main sheet metal learning center is as living lab where students develop and test their approaches to a real-world problem in the lab and use their training to evaluate and assess their approaches to solving problems. Among other things, sheet metal students conduct measurements of sheet metal in construction environments, measurements and calibration of tools, application of tools and methods in quality assurance.

Sheet Metal courses including but not limited to (APSM 103, APSM 104, APSM 105)

"APSM 107/ Lesson 7/ Round Unequal 45 Degree Tee: Students building on concepts of drawing

interpretation skills, parallel line development, and shop practices, will fabricate a round tee fitting. This process involves calculating stretch outs including fabrication allowances for seams and collars. Students use hand forming skills to shape and construct the fitting."

BTSM Program, Year 1, Semester 2, Module 3-1 (Review of Allowances and Pattern Making), BTSM Program, Year 1, Semester 2, Module 3-6 (Graphic Visualization), BTSM Program, Year 1, Semester 2, Module 4-#5-#9 (Fabrication and Layout of Plenum), BTSM Program, Year 1, Semester 3, Module 5-#10-#11 (Drafting and Construction of Rectangular Elbow), BTSM Program, Year 2, Semester 3, Module 9-5 (Compound Transitions)

N19. Formulation and testing of hypotheses;

Matching course component(s):

Sheet metal students learn the scientific method throughout their course of study. The program modules for sheet metal integrate the scientific method by teaching technicians to diagnose and correct indoor air quality issues through systematic observation and experimentation. Developing and testing hypotheses both on the job and during formal instruction, sheet metal students also learn the limits of testing models.

"APSM 118/ Lesson 3/ Industrial Metal Properties and Weights. Students when given a chart for material weights per linear foot, have to calculate weights of structural components when formed. This class involves reviewing manufacturer data, and applying known weight calculations to structures with varying fabrication lengths. Determining weights of materials allows for proper planning of material lifting and supporting. Calculations of weights are tested in classroom and shop activities."

Sheet Metal courses including but not limited to (APSM 116, APSM 119, APSM 122)

BTSM Program, Year 3, Semester 4, Module 16-12 (GVSU reading Plans), BTSM Program, Year 3, Semester 3, Module 19-6 (Heating Systems), BTSM Program, Year 4, Semester 4, Module 22-#8-#15 (Duct Leakage Testing), BTSM Program, Year 3, Semester 3, Module 19-4 (Filters)

N20. Communicating effectively through oral and/or written work;

Matching course component(s):

Sheet metal students must communicate in a variety of formats. Whether it is engaging with other workers or supervisors, or with customers and the public, students in this program are required to express themselves clearly, concisely, and persuasively.

"APSM 101/Lesson 7/Classroom Survival Skills: Students demonstrate, through testing, the ability to identify signal words in readings and lectures to enhance note taking skills. Proper note taking skills not only benefits students in classroom studies, but in on the job training activities. Students learn to not only take notes, but practice absorbing concepts which are being taught through the process of surveying, questioning, recalling and reviewing."

Sheet Metal courses including but not limited to (APSM 104, APSM 101, APSM 126)

BTSM Program, Year 1, Semester 1, Module 1-6 (Classroom Survival Skills), BTSM Program, Year 1, Semester 3, Module 4-9 (Communication Skills), BTSM Program, Year 1, Semester 1, Module 1-6 (Harassment Awareness), BTSM Program, Year 5, Semester 4, Module 26-4 (Managing and Leading Others), BTSM Program, Year 5, Semester 4, Module 26-7 (Human Relations)

N21. A minimum of one collaborative activity;

Matching course component(s):

All sheet metal courses are taught in a cohort model. Like many of Foothill's allied health students, sheet metal student matriculate as a group working and learning together. This approach to learning is fundamentally a collaborative one. Beyond this, however, sheet metal students are required to collaborate with other professionals at a job location and thus require the cross communication skills need to work with members of other trades and the larger network of a generally contracted job.

"APSM 126_Lesson 5_Project Management: Students work in groups to outline job activities and coordinate successful job completion. Students work together to take field measurements, design HVAC systems, coordinate schedules, coordinate installation of hangers and job completion."

Sheet Metal courses including but not limited to (APSM 116, APSM 119, APSM 127)

BTSM Program, Year 3, Semester 4, Module 16-#10,#8 (Structural Drawings, Electrical Drawings), BTSM Program, Year 3, Semester 3, Module 19-12 (Introduction to Commissioning), BTSM Program, Year 5, Semester 4, Module 27-5 (Annotations)

N22. A minimum of one laboratory unit or the equivalent of 33 hours of laboratory instruction per quarter. Matching course component(s):

The nature of the profession means that sheet metal students learn and practice in a laboratory setting. The main sheet metal learning center is as living lab where students develop and test their approaches to a real-world problem in the lab and use their training to evaluate and assess their approaches to solving problems. Among other things, sheet metal students conduct measurements of sheet metal in construction environments, measurements and calibration of tools, application of tools and methods in quality assurance.

"APSM 124/ Lesson 3/ Metal Panels: Students learn through shop practice how to design, fabricate and install various metal panels. Installation of metal panels goes into specifics of quality craftsmanship, layout, and waterproofing functionality. Students coordinate the fabrication and installation of metal panel work with field simulated architectural elements and custom scenarios."

Sheet Metal courses including but not limited to (APSM 103, APSM 104, APSM 105)

BTSM Program, Year 1, Semester 2, Module 3-1 (Review of Allowances and Pattern Making), BTSM Program, Year 1, Semester 2, Module 3-6 (Graphic Visualization), BTSM Program, Year 1, Semester 2, Module 4-#5-#9 (Fabrication and Layout of Plenum), BTSM Program, Year 1, Semester 3, Module 5-#10-#11 (Drafting and Construction of Rectangular Elbow), BTSM Program, Year 2, Semester 3, Module 9-5 (Compound Transitions)

Depth Map: <u>Additionally</u>, include <u>any</u> of the following:

N23. Keep accurate and complete experimental records;

Matching course component(s):

Apprentices learn the importance of maintaining detailed logs of their work, essential for both project management and scientific inquiry. This is especially important when working on commercial construction sites, power engineering, and aircraft, where detailed logs are required. This is also critical when making repairs or modifications which require a formal "sign-off" for audit or compliance.

"PSM 119/Lesson 5/Duct Leakage Testing: Students perform the functions of duct leakage testing and correctly fill out a duct leakage testing chart. Information which is documented on the chart from testing is used to quantify if an HVAC system holds pressure within design tolerances and satisfies the engineered intent of a system."

Sheet Metal courses including but not limited to (APSM 107, APSM 126, APSM 121)

BTSM Program, Year 2, Semester 1, Module 7-04 (Introduction to Plan Grid), BTSM Program, Year 5, Semester 1, Module 21-#1-#11 (Project Management Course), BTSM Program, Year 5, Semester 4, Module 26-#1-#10 (Foreman Training)

N24. Perform quantitative and qualitative measurements;

Matching course component(s):

The nature of the profession means that sheet metal students learn and practice in a laboratory setting. The main sheet metal learning center is as living lab where students develop and test their approaches to a real-

world problem in the lab and use their training to evaluate and assess their approaches to solving problems. Among other things, sheet metal students conduct measurements of sheet metal in construction environments, measurements and calibration of tools, application of tools and methods in quality assurance.

Sheet Metal courses including but not limited to (APSM 103, APSM 104, APSM 105)

"*SM 102/ Lesson 4/ Areas.* Students learn to calculate areas of shapes. Area calculations are used in the sheet metal industry for square footage calculations and material ordering, as well as design and Tab functions."

BTSM Program, Year 1, Semester 2, Module 3-1 (Review of Allowances and Pattern Making), BTSM Program, Year 1, Semester 2, Module 3-6 (Graphic Visualization), BTSM Program, Year 1, Semester 2, Module 4-#5-#9 (Fabrication and Layout of Plenum), BTSM Program, Year 1, Semester 3, Module 5-#10-#11 (Drafting and Construction of Rectangular Elbow), BTSM Program, Year 2, Semester 3, Module 9-5 (Compound Transitions)

N25. Interpret experimental results and draw reasonable conclusions;

Matching course component(s):

Apprentices are trained to interpret results and make informed decisions based on quantitative data, a skill The nature of the profession means that sheet metal students learn and practice in a laboratory setting. The main sheet metal learning center is as living lab where students develop and test their approaches to a realworld problem in the lab and use their training to evaluate and assess their approaches to solving problems. Among other things, sheet metal students conduct measurements of sheet metal in construction environments, measurements and calibration of tools, application of tools and methods in quality assurance.

"APSM 121/ Lesson 4/ Preparing for a Project: Students will gain experience learning and preparing for simulated jobsite tasks of a project manager preparing for jobsite mobilization. Based on previous job success rates, proper jobsite planning leads to successful projects."

Sheet Metal courses including but not limited to (APSM 103, APSM 104, APSM 105)

BTSM Program, Year 1, Semester 2, Module 3-1 (Review of Allowances and Pattern Making), BTSM Program, Year 1, Semester 2, Module 3-6 (Graphic Visualization), BTSM Program, Year 1, Semester 2, Module 4-#5-#9 (Fabrication and Layout of Plenum), BTSM Program, Year 1, Semester 3, Module 5-#10-#11 (Drafting and Construction of Rectangular Elbow), BTSM Program, Year 2, Semester 3, Module 9-5 (Compound Transitions)

N26. Analyze data statistically and assess the reliability of results;

Matching course component(s):

Understanding statistical analysis enables apprentices to ensure consistency in construction outcomes, aligning with industry specifications for high-quality work. The apprenticeship program also includes training in software including Excel, emphasizing statistical analysis, plotting and reporting of data, and especially recognizing variance.

"APSM 120/ Lesson 7/ Calculating Duct Offsets: Students learn to calculate lengths of offsets in various arrangements. Students apply known elevation data, and material size information to calculate cut joints between joining members. Reliable accumulation of measurements and sizes is crucial to obtaining correct cut lengths and installation completion."

Sheet Metal courses including but not limited to (APSM 177A, APSM 159A, APSM 175A)

BTSM Program, Year 4, Semester 2, Module 153B-5 (Title 24), BTSM Program, Year 4, Semester 2, Module 153A-8 (Measure Airflow at Registers), BTSM Program, Year 4, Semester 2, Module 153AB-5 (Fan Laws Lab Assignment)

N27. Critically evaluate the design of an experiment;

Matching course component(s):

The application of metal and metal materials has allowed humans to coexist in varied and extreme environments, from oceans, to extreme heat and cold to atmosphere and space. Humans are dependent on environment for ecosystem system services, minerals and other raw materials, (construction materials, .e.g. wood, stone, even ice) as well as thermal and chemical energy. The work, and therefore training, of sheet metal students is always in response to the environment an understanding of human impact on it. At the core of their training sheet metal students are quite literally terraformers, world shapers.

"APSM 177A/ Lesson 5/Measure and Plot Pump Performance Data on a Pump Curve: Students analyze, test, and quantify the flow of a hydronic system using a pump curve. The pump curve determines hydronic flow through a system, and guides the technician as to which valves to reduce or open to balance the flow."

Sheet Metal courses including but not limited to (APSM 111, APSM 112, APSM 113)

BTSM Program, Year 2, Semester 4, Module 11-1 (SMACNA Guidelines), BTSM Program, Year 2, Semester 4, Module 12-2 (Material Handling and Staging), BTSM Program, Year 3, Semester 1, Module 13-2 (Welding Safety)

N28. Design experiments to test hypotheses;

Matching course component(s):

The application of metal and metal materials has allowed humans to coexist in varied and extreme environments, from oceans, to extreme heat and cold to atmosphere and space. Humans are dependent on environment for ecosystem system services, minerals and other raw materials, (construction materials, .e.g. wood, stone, even ice) as well as thermal and chemical energy. The work, and therefore training, of sheet metal students is always in response to the environment an understanding of human impact on it. At the core of their training sheet metal students are quite literally terraformers, world shapers.

"APSM 175A/ Unit 11/ Methods of Balancing Proportional and Sequential: Students by taking airflow measurements using various testing adjusting and balancing instruments will calculate airflow, and estimate the value of volume damper reducing to achieve design air. This estimation will then be quantified with further equipment usage and airflow measurement, testing a hypothesis."

Sheet Metal courses including but not limited to (APSM 111, APSM 112, APSM 113)

BTSM Program, Year 2, Semester 4, Module 11-1 (SMACNA Guidelines), BTSM Program, Year 2, Semester 4, Module 12-2 (Material Handling and Staging), BTSM Program, Year 3, Semester 1, Module 13-2 (Welding Safety)

N29. Work effectively in small groups and teams.

Matching course component(s):

All sheet metal courses are taught in a cohort model. Like many of Foothill's allied health students, sheet metal student matriculate as a group working and learning together. This approach to learning is fundamentally a collaborative one. Beyond this, however, sheet metal students are required to collaborate with other professionals at a job location and thus require the cross-communication skills need to work with members of other trades and the larger network of a generally contracted job.

"APSM 126/Lesson 9/Lean Construction: Lean construction covers methodologies of building with an emphasis on environmental sustainability. Lean construction projects review common methodologies for building, and look towards materials and building practices which reduce environmental impact."

Sheet Metal courses including but not limited to (APSM 124, APSM 120, APSM 112)

BTSM Program, Year 5, Semester 3, Module 24-6 (Standing Seam Roofs), BTSM Program, Year 5, Semester 1, Module 20-09 (Duct Shaft Support Layout), BTSM Program, Year 2, Semester 4, Module 12-11 (Installing Ductwork)

Breadth Mapping: please indicate all that apply (if applicable)

B1. Communication (analytical reading, writing, speaking, and listening skills including evaluation, synthesis, and research)

Matching course component(s):

Sheet metal students must communicate in a variety of formats. Whether it is engaging with other workers or supervisors, or with customers and the public, students in this program are required to express themselves clearly, concisely, and persuasively.

Sheet Metal courses including but not limited to (APSM 105, APSM 102, APSM 101)

BTSM Program, Year 1, Semester 2, Modules 5- #1-#13 (FSD training), BTSM Program, Year 1, Semester 1, Modules 2- #1-#14 (Math, Layout Basics, and Safety), BTSM Program, Year 1, Semester 1, Modules 1- #1-#18 (Trade Introduction)

B2. Computation (application of mathematical concepts, and/or using principles of data collection and analysis to solve problems).

Matching course component(s):

Because the application of what sheet metal students learn and practice must be extremely precise to meet all existing codes and regulations, students learn and apply many mathematical concepts and data collection models.

Sheet Metal courses including but not limited to (APSM 116, APSM 119, APSM 127)

BTSM Program, Year 3, Semester 4, Modules 16- #1-#14 (Plans and Specifications), BTSM Program, Year 3, Semester 4, Modules 19- #1-#12 (HVAC Air Systems and Duct Design), BTSM Program, Year 5, Semester 3, Modules 27- #1-#8 (Basic Autocad)

B3. Clearly and precisely express their ideas in a logical and organized manner using the disciplineappropriate language

Matching course component(s):

Sheet metal students must communicate in a variety of formats. Whether it is engaging with other workers or supervisors, or with customers and the public, students in this program are required to express themselves clearly, concisely, and persuasively.

Sheet Metal courses including but not limited to (APSM 105, APSM 102, APSM 101)

BTSM Program, Year 1, Semester 2, Modules 5-#1-#13 (FSD training), BTSM Program, Year 1, Semester 1, Modules 2-#1-#14 (Math, Layout Basics, and Safety), BTSM Program, Year 1, Semester 1, Modules 1-#1-#18 (Trade Introduction)

B4. Community and global consciousness and responsibility (consideration of one's role in society at the local, regional, national, and global level in the context of cultural constructs and historical and contemporary events and issues).

Matching course component(s):

Students in the sheet metal program meet this standard in a variety of ways. Their training includes courses on the environmental impact of their work on the planet. They also learn about the role of their union in advancing the social and economic opportunities for historically marginalized groups. And through on the job training and other required program elements, sheet metal students also learn the real-world importance of their actions and behaviors on others.

Sheet Metal courses including but not limited to (APSM 122, APSM 119, APSM 175A, APSM 101)

BTSM Program, Year 4, Semester 4, Modules 22-#1-#15 (Codes and Standards), BTSM Program, Year 3, Semester 4, Modules 19-#1-#12 (HVAC Air Systems and Duct Design), BTSM Program, Year 4, Semester 1,

Modules 153A- #1-#10 (TABB Technician Certification			
BTSM Program, Year 1, Semester 1, Module 1-11 (Bias and Belonging)			
B5. Information competency (ability to identify an information need, to find, evaluate and use information to meet that need in a legal and ethical way) and digital literacy (to teach and assess basic computer concepts and skills so that people can use computer technology in everyday life to develop new social and economic opportunities for themselves, their families, and their communities).			
Matching course component(s):			
Requesting Faculty: <u>Robert Cormia</u>	Date: <u>3/4/2024</u>		
Division Curr Rep: Timothy Myres	Date: <u>3/4/2024</u>		
FOR USE BY GE SUBCOMMITTEE:			
Review Committee Members: N/A			

Recommended for Approval: _____ Not Recommended for Approval: _____ Date: ______ In the box below, please provide rationale regarding the subcommittee's recommendation:

Note: application did not go to subcommittee

FOR USE BY CURRICULUM OFFICE:

Approved:	Denied:	CCC Co-Chair Signature:	D	ate:
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APSM 106 Course Outline



COURSE OUTLINE – SMQ06

8 HR	Basic AUTOCAD
1.5 HR	Solder Safety & Preparation
1 HR	Solder
1 HR	Flux
6 HR	Soldering Irons
3 HR	Identifying & Preparing Materials
10 HR	Soldering Practices
2 HR	Common Solder Errors
1 HR	Post Soldering
5.5 HR	Shop Final
<u>1 HR</u>	Written Final
40 HRS	TOTAL

Rev: 5/17/2023

APSM 107 Course Outline



COURSE OUTLINE – SMQ07

1 HR Review Apprentice Policies

1 1110	Review Applentice Folicies
3 HR	Coyne Basic Life Safety
2 HR	Intro to Mechanical Plans
1 HR	Intro to Plan Grid
3 HR	Intro to Parallel Line Development
5 HR	Round Gore Elbow
3 HR	Fab Round Unequal Size 45 Degree Tee
2.5 HR	Layout Only - Round 90 Degree Offset Tee
1 HR	Architectural Principles & Safety
8 HR	Energy Efficiency through Duct Design
2 HR	Water Movement, Systems & Sealants
2 HR	Expansion & Contraction
2 HR	Basics of Architectural Layout
3 HR	Shop Final Exam
<u>1.5 HR</u>	Written Final
40 HRS	TOTAL

Rev: 07/24/2022

(APSM 113) SMQ13-02 Lesson Plan

Title: Introduction to Shielded Metal Arc Welding (SMAW)

Time Required: 3 hours (180 min.)

Performance Objective:

After a presentation, "Introduction to Shielded Metal Arc welding", and an instructor demonstration on setting up the SMAW welding machine, students will demonstrate, through testing, the ability to properly select electrodes, connect the SMAW power source, leads, and the electrode holder in preparation to begin welding.

Equipment/Resources Needed:

- Laptop and projector with access to Total Track
- Power Point presentation "Introduction to SMAW"
- ITI Welding Student Manuel 1-4 (pg 74-99 of Ereader)
- Welding Power source, ground clamp, leads, electrode holder
- Various SMAW Electrodes (6010, 6011, 6013, 7018)
- Assignment 13-02 Introduction to SMAW
- Assignment 13-03 Electrodes, duty cycle and currents

Introduction:

Developed in 1888, shielded metal arc welding is one of the oldest and simplest welding processes still used to this day. Often times in the field, this process will be called "stick welding" due to the electrode used in the process. This process has remained relevant due to the ease of setup, the ability to weld many metals, and the ability to weld out of position. Many welds which sheet metal workers encounter in the field will be out of position welds, where compactness and ease of setup may be the best option for a successful job completion.

Shielded metal arc welding also has disadvantages which need to be considered: Due to the high temperatures of the arc, (9000 degrees), it is easy to burn through metals lighter than 18 gauge. The slag which is deposited on the weld must be removed, thus making the process slower. The welder has to cease welding to change electrodes as they are consumed adding further inefficiencies.

Despite the inefficiencies of the process, shielded metal arc welding is the best process to begin practicing welding, as it contains all of the basic fundamentals for power setup, as well as electrode manipulation. This base in knowledge will carry us over to other welding processes covered in the program.

Presentation:

What you say

After this presentation, we will be able to successfully complete the following objectives:

We will cover the **assembly of the SMAW equipment**. In the field or in a shop, the welder will be required to correctly and efficiently setup the welding machine. Throughout our practice in the shop, we will be setting up and breaking down our machines daily, keeping safety and equipment protection in mind.

You will be able to **identify all of the components of the welding machine by name**. Using proper names for equipment allows for ease of communication, and shows professionalism in your craft.

We will discuss electrodes, and be able to **properly identify electrode classifications for the SMAW process**. Correctly identifying electrodes is a starting point to ensure quality welds, and proper base metal fusion.

We will **identify the function of each component** identified to guide us in the shop.

Before setting up, always check for safety by:

- Checking the welding leads and lead connections for cuts or disconnections.
- Make sure all connections are secured not only for safety, but improperly connected equipment can effect weld quality.
- Check for fire extinguishers in two separate locations.
- Checking the location of the power source, primary power fuse, and disconnects.





• Each of the welding booths in our shop has a power disconnect. It is important that before disconnecting any power source, the circuit be turned to the off position. This is not only proper electrical safety practice, but depending on the power plug style type, it will maintain the electrical connectors.	
 Making sure the area you will be welding in has adequate ventilation. Our shop booths are equipped with exhaust ventilation pulling smoke, and preventing inhalation of fumes. In addition, there is also make-up air provided. It is important before welding occurs in the shop, the exhaust fans and make-up air unit be turned on. 	
 Make sure your area is free of any flammable materials which can ignite. This includes papers from notes or project documentation. Lighters in pockets Brooms in the welding booths Note to instructor: Continue to Slide 4 and play the video for "Safety Review"	SAFETY REVIEW
 The SMAW equipment consists of the following: A power source or welding machine. Our training facilities are equipped with both Lincoln and Miller welding machines, and throughout the week, each student will have practice on both types of machines. 	<section-header><section-header><section-header><section-header><section-header><list-item><list-item><list-item><list-item></list-item></list-item></list-item></list-item></section-header></section-header></section-header></section-header></section-header>
 Electrode and ground Leads The connection of the electrode and ground leads will determine our polarity. The ground clamp, in our shop practice, we will be connecting directly to our welding booth table. 	



 Deoxidation- the coating provides a fluxing agent to remove impurities, oxygen and other atmospheric gases. Alloying-the coating provides additional alloying elements for the weld deposit. Ionizing- when the flux coating becomes molten, it improves electrical characteristics to increase arc stability. Insulating-the solidified slag provides an insulating blanket to slow down the weld metal cooling rate. 	
• It is important to note that often times a discontinuity associated with SMAW is slag inclusions. Slag inclusions occur when slag becomes entrapped in the molten weld pool. It is important when completing starts and stops of welds, to thoroughly clean all slag from the weld and base metal to prevent this discontinuity.	
The American Welding Society has developed a classification system used for identifying electrodes. It is important to properly identify electrodes to make sure the correct materials are selected for a job and proper material storage protocols can be followed.	SMAW ELECTRODE CLASSFICATION • The Electra the electrade marber means electrade • The first two alights indicates the mission ultimotion tensile deposited to the metal • 6 60XX = 60,000 PSI strength • 6 60XX = 60,000 PSI strength
The picture shown in the presentation shows an electrode classification for an E6010 SMAW electrode. This picture has also been uploaded to the files section of Total Track for your personal information.	Slide 8:SMAW Electrode Classification
 The classification begins with the letter E which stands for Electrode. The primary element of the SMAW process is the electrode. It is made of a metal core wire covered with a layer of granular flux, held together with a bonding agent. 	
The second, is the number 60 which denotes the minimum tensile strength in kilo pounds per square inch (ksi). E 60XX= 60,000 KSI minimum ultimate tensile strength	

 Ultimate tensile strength is the maximum amount of tensile stress that a material can withstand before it breaks or fractures, as defined by the AWS. The third digit indicates the position which the electrode is to be used. The number 1 signifies that the electrode can be used in all positions including flat, horizontal, vertical, and overhead. Since this process can be used in many positions, it is important to note that the correct electrode is being used for the position of the weld. 	WELD POSITION CHART Image: Control of the second seco
The final number signifies the current and coating of	D Line a all of the second
 The number 0 signifies DC+ current type, which we will cover in proceeding slides. 	Slide 9: Weld Position Chart
Note to instructor: Proceed to Slide #9 and show the weld positions noted in the chart. Explain to the students that our practice in the shop with SMAW will begin with the flat position.	
The advantages seen in the SMAW process are apparent in the cost savings, versatility and portability of the SMAW process.	ADVANTACES OF THE SMAW PROCESS • Vercetile • Cost (Integramive) • Portability
The lack of requiring external shielding gas eliminates the hazard of gas canister storage and transportation seen in other processes. Gas is also very expensive, so this process is cost effective.	Slide 10: Advantages of the
SMAW is versatile in its material compatibility and can weld most metal types. While the slag can be inconvenient, the electrode itself provides a very stable arc when manipulated correctly.	SMAW Process
Most errors we will encounter as a class will be in the welder's electrode manipulation.	
 Power Sources may be generator, transformer-type, or inverter. Power sources can be identified by primary and secondary ratings on the nameplate. 	 UCATE THE POWER SOURCE A nonsipilate on the power source and accordary urary of the ural Bower source after SAMA ways to accordary urary of the ural Bower source after SAMA ways to accord a the accord and accord accord

The primary section (input power) shows:	Slide 11: Locate the Power
1. Primary voltage	source
2. Amperage draw	
3. Cycles per second (Hertz)	
4. Number of primary phases (single or three	
phases).	
The secondary section (output power) shows:	
1. Welding voltage	
2. Welding amperage	
3. Duty cycle	
4. Maximum open circuit voltage.	
At the Local 104 training facilities we have CC-CV power sources, or constant current-constant voltage power sources.	
• CC-CV Power Sources will make internal adjustment to give the user a constant stream of current, even if the operator's arc length changes during welding.	
• Power Sources have positive and negative lead connections, which determine the polarity when welding.	
The duty cycle is the maximum time the power source can be operate at rated amps in 10 minutes	POWER SOURCE DUTY CTCLE
 For example, a 60% duty cycle machine can be operated at its rated amps for 6 out of 10 minutes, but must rest for the duration of the cycle. In this case, 4 minutes. 	 In didy cycle the maximum time time to create any constraints of the source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the case, a minute source of the cycle in the cycle in the case, a minute source of the cycle in the
• If the welding machine is rated at 300 amps and 60% duty cycle, you can operate at 300 amps for 6 out of 10 minutes, but must rest for the duration of the cycle in this case, 4 minutes.	
• If you operate the same machine at 230 amps, it has a 100% duty cycle.	
You need to consult your owner's operation manual for the duty cycle at the amperage you are using.	

The length of the welding cables and the amperage used in the arc, will determine what size cable needed.

- Using a cable too small for the amperage and/or the distance from the power supply (including length of welding lead and ground lead) could cause the cable to overheat and damage the cable or power supply.
- A cable that is too small will create added resistance in the welding circuit and cause overheating which can affect your weld quality.

The length of the cables is the total length of the welding circuit. That includes the electrode lead and the ground lead.

• For example, let's say you are welding at 200 amps and working 90 feet from the welding machine. The length of the circuit would be 90 feet out for the electrode lead and 90 feet back for the ground lead, a total of 180 feet.

The work lead is attached to the work-piece by a spring loaded ground clamp or a screw-type clamp.

- The best way to attach the cable to the ground clamp is by a mechanical connection.
- Soldering these connections is not recommended because solder doesn't conduct current as well and solder could melt if the welding cable overheats.

The electrode lead is fastened to an electrode holder, which is the device that holds the electrode during welding. The electrode lead and holder are commonly referred to as the stinger.

Welding cable doesn't wear out from carrying current but it does wear out when it is subjected to physical abuse.

- Be sure it doesn't cross areas where it may be run over by forklifts or trucks.
- Likewise setting heavy steel plates on the cables can crush the wires inside.

Slide 13: SMAW Welding Cable

There are three types of welding voltage:	
• Open circuit voltage: Measured at the output terminals of the power source when it is energized, but no welding is being done	Here or a 3 term toud for welding voltages: Open circuit voltage Lood enktoge Arc wittige
• Load voltage: Measured at the output terminals of the power source during welding	Slide 14: Welding Voltage
Arc voltage: Measured at the welding arc	
 There are two types of welding currents: Alternating Current (AC) Direct Current (DC) DC provides the best results when welding with the SMAW process. 	WELDING CURRENT - There are two types of welding - Alernating Current (AC) - Och current (BC) - Och current (BC) - Och current (BC) - Slide 15 Welding Current
With Alternating Current (AC), the polarity changes	o o
from negative to positive, to negative to positive. The electrode is connected to the positive pole (+)	AC • With aftermating current the polarity changes from negative to positive to negative to complete our cycle • The elected as connected the goals • The elected as connected to the goals • The our of the antil cycle of the 13 • The our of the 13 • The 13 • The our of the 13 • T
(usually labeled electrode) of the welding output.	
The work or ground is connected to the negative pole (-) (usually labeled work) of the welding output.	Slide 16 AC
The current changes direction of flow 120 times a second (this is 60 complete cycles per second).	
Direct current or DC power can pull from a single phase power source or 3 phase power source.	DC DC Con be either single-phase or Three phase DC DC Con be either single-phase or Three phase DC Con be called free single-phase DC Con be called free single-phase DC Con be called free single-phase Con be called f
Note to instructor: The image on the presentation shows the waves of power in single and 3 phase power.	nee-bloes fand as model e prosen de anost mres-phoes because of the ripple factor.
For single-phase DC, there is a point at which there is no current.	Slide 17 DC
With three-phase DC, there are three separate currents at equal time intervals, 120° apart, thus, there is never a current outage.	

• when one current drops off, a second current	
begins; when the second current drops off, the	
third current begins and the cycle continues,	
providing a much smoother arc.	
There are two polarities (direction of current flow) of	<i>d</i> → <i>d</i> →
direct current:	TYPES OF DIRECT CURRENT DCEN Polarity √ _S DCEP Polarity
1. DCEN - Direct Current Electrode Negative (Also	of current flow) • Other benef Streams Headers
referred to as straight polarity)	
2. DCEP - Direct Current Electrode Positive (Also	
referred to as reverse polarity).	
	Slide 18: Types of Direct
DCEP	Current
With direct current electrode positive, the electrode is	
connected to the positive pole (+) of the welding	
output.	N ^e
• The work or ground is connected to the negative	DCEP DIRECT CURRENT ELECTRODE POSITIVE:
pole (-) of the welding output.	The second is to practical to the profile split if all and a state split if all a state split if all and a state split if all a state split if all and a state split i
• The current flows from the base metal to the	Compare fragmentian because of the direction Compare fragmentian because of the direction direction
electrode providing deeper penetration.	Ϋ́ρ
The manufaction in an a horizon the maritime	
• The penetration increases because the positive	Silde 19: DCEP
superheated filler metal impacts the base metal	
with tramondous speed driving it into the molton	
with tremendous speed driving it into the monten weld need. This is contrasted by the negative	
nole which contains only 20% of the heat	
pole which contains only 50% of the heat.	
DCEN	
• With direct current electrode negative, the	
• With direct current electrode negative, the electrode is connected to the negative pole (-) of	
• With direct current electrode negative, the electrode is connected to the negative pole (-) of the welding output	
• With direct current electrode negative, the electrode is connected to the negative pole (-) of the welding output.	
 With direct current electrode negative, the electrode is connected to the negative pole (-) of the welding output. The work or ground is connected to the positive 	DCEN • DIRECT CURRENT BLECTRODE NEGATIVE:
 With direct current electrode negative, the electrode is connected to the negative pole (-) of the welding output. The work or ground is connected to the positive pole (+) of the welding output. 	DCEN
 With direct current electrode negative, the electrode is connected to the negative pole (-) of the welding output. The work or ground is connected to the positive pole (+) of the welding output. The current flows from the electrode to the base 	DEEN • DIECE CLERENTE LECTRODE NECATIVE 10. en der namen stansten stansten 0. en der namen stansten 0. en der namen stansten 0. en der namen stansten 0. en der namen stansten 0. en de
 With direct current electrode negative, the electrode is connected to the negative pole (-) of the welding output. The work or ground is connected to the positive pole (+) of the welding output. The current flows from the electrode to the base metal providing shallower penetration because of 	DCEN • DECEN • Descret Determote National • devide the ender the mathematic field • devide the ender
 With direct current electrode negative, the electrode is connected to the negative pole (-) of the welding output. The work or ground is connected to the positive pole (+) of the welding output. The current flows from the electrode to the base metal providing shallower penetration because of the direction of the current flow. 	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>
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 With direct current electrode negative, the electrode is connected to the negative pole (-) of the welding output. The work or ground is connected to the positive pole (+) of the welding output. The current flows from the electrode to the base metal providing shallower penetration because of the direction of the current flow. Note to instructor: Provide demonstration of changing polarities on the welding power source.	<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>
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Commonly Welded Metals	
SMAW is also considered to be versatile because it	COMMONLY WELDED METALS
can successfully weld:	Mild steel with less than .03% corbon content Unccorted moterial
	Conted with zinc Statistics Steel Abminum
1. Mild steel with less than .030% carbon content	Metal should be 18 gauge or heavier
2. Uncoated material	
3. Coated with zinc and other material	Slide 21: Commonly welded
4. Stainless steel	Metals
5. Aluminum 6. Metal should be 18 gauge or heavier	
The concepts which should be fully understood before	l b
moving into the DASH principle are	SUMMARY
moving into the Drion principle die.	 You should now be able to: Assemble the SMAW
1. Assemble the Shielded Metal Arc Welding (SMAW)	Graphinn Indentify the equipment components
equipment	Identify the function of each component
	1 P
2. Identify the equipment components by name	Slide 22:Summary
Electrode holder	
• Leads (Ground and work)	
• Ground clamp	
• Electrode	
• Power source	
3 Identify the function of each component	
5. Identify the function of each component.	
4. Identify electrodes by their classification	
• Mention the AWS electrode classification for the	
SMAW electrodes is in the file section of Total	
Track and review.	

Application:

Following the presentation, students will be directed to read module 2/Lesson 3 of the Iti Welding Student manual Volume I "Set Up for Shielded Metal Arc Welding Operations" pages #89-99 of the Ereader. Students will be given time to read and will complete the following assignments on Total Track:

Quiz 13-02 Introduction to SMAW Quiz 13-03 Electrodes, duty cycle and currents

Students will use equipment setup techniques discussed in the lesson to guide them into the SMAW DASH principles of the next lesson. Completing this module, apprentices will be able to setup the welding machine for the SMAW process, and select the proper electrode to begin welding.

Summary:

SMAW is an extremely versatile and cost effective welding process which accounts for 60% of the worlds welding to this day. Potentially windy environmental conditions and the various positions a sheet metal worker will be exposed to, may make SMAW an ideal candidate to complete the task on a job. When welding duct stands or a package unit on the roof, and wind is impacting arc stability, SMAW will get the job done.

Remember that proper setup and electrode selection are very important parts of the SMAW process. Always follow proper safety procedures to prevent harming yourself and others around you. Be able to locate all available information concerning the power source that you are using, such as duty cycle, amperage and voltage capacities, so you don't overload the welding power source. Also, remember that loose or improper connections will greatly affect your welds.



(APSM 122) DLT Unit 3 Test Procedures Lesson Plan

Title: DLT Unit 3 Test Procedures

Instructor: Chris Coatsworth

Time Required: Day 3, 1-1/2hrs

Performance Objective:

• Upon completion of this unit, students will be able to explain and demonstrate the process (steps) for completing a successful duct leakage test.

Equipment/Resources Needed:

- Computer
- Projector/Monitor
- ITI DLT PPT Unit3 Test Procedures_REV01- Power Point
- DLT Test Kit

Introduction: Performing the Air Duct Leakage Testing is the essence of DLT. It is important that you know your testing equipment and how to perform DLT with confidence. Remember, most of the time there will be a witness to the testing. One false reading can remove all confidence that the witness has in you.

Presentation:

What you say	What you show
1. Unit 3: Test Procedures	Unit 3:
	Test Procedures
 2. Unit 3 - Learning Objective Upon completion of this unit, students will be able to explain and demonstrate the process (steps) for completing a successful duct leakage test. 	Unit 3 - Learning Objective • Upon completion of this unit, students will be able to explain and demonstrate the process (steps) for completing a successful duct leakage test.
	III Duct Leakage Testing Unit 3 • 2
3. Test Procedures **Test Procedures** Note that the test procedures Note that the test procedures described here are based on described here are based on a a specific purchased test kit. Minor changes may need to specific purchased test kit. Minor changes may need to be made for be made for other test kits. other test kits. The duct leakage test process is to pressurize the duct section to be It is important to read the manufacturer's manual for the test kit tested to the specified test pressure. that you will be using on a jobsite. The duct leakage test process is to pressurize the duct section to be tested to the specified test pressure. If you can not achieve the specified test pressure than the test fails. Your final duct pressure reading must be at the specified test pressure or slightly higher. If a test requires a duct pressure of +4.0" WG then a reading of 3.99" WG is unacceptable. 4. Test Procedures, Cont. Test Procedures, Cont. The ΔP is measured across the orifice The ΔP is measured across the orifice plate in a specially plate in a specially designed orifice designed orifice tube. tube. The SP (static pressure) is also measured in the duct that is being Keep a copy of the orifice tube/plate's calibration chart with you tested. when testing. The witness and your self will need it to determine the allowable leakage rate. an he Unit 3 • 4 The SP (static pressure) is also measured in the duct that is being tested. Make sure you are using the proper manometer for the job. Some projects will specify which type of manometers are to be used. If using digital manometers, make sure you have extra batteries on hand. It is a good idea to have the calibration certificates for the manometers with you. Sometimes witnesses will want to see them. 5. Contents of a Basic Test Kit Contents of a Basic Test Kit A basic test kit for leak testing A basic test kit for leak testing (Fig. 9) consists of the (Fig. 9) consists of the following: following: A test fan – A test fan - Two manometers or magnehelics with tubing - Two manometers or magnehelics with tubing An orifice tube with a pressure tap on each side of the orifice plate (Fig. 10) - An orifice tube with a pressure tap on each side of A calibration chart for the orifice tube the orifice plate (Fig. 10) Newer test kits will often have multiple orifice plates at various sizes. This allows for a wider range of test sections from large to small. - A calibration chart for the orifice tube



• Test static pressure of the system (not to exceed the construction static pressure class of the ductwork)	
• The leakage class must be specified, arbitrary values must be avoided. Use values that coincide with the type, construction, and operating pressure of the ductwork.	
If any of this information is missing, an RFI must be written ASAP.	
11. Leak Testing Set-Up: Step 2	Leak Testing Set-Up: Step 2
• Step 2: Seal off all duct openings	Step 2: Seal off all duct openings
Duct openings may be sealed off with end caps or plastic wrap that is held on by duct tape. This will depend on the test pressure.	
12. Leak Testing Set-Up: Step 3	In the state is a set of the state is a set of the state is a set of the set
• Step 3: Connect the outlet of the orifice tube to the opening of the duct system	 Step 3: Connect the outlet of the orifice tube to the opening of the duct system
Use duct tape or metal clamps to attach the test outlet to the ductwork.	Fig. 12: Connections orifice tube to duct system
13 Leak Testing Set-Un: Step 4	the thermatical basis platta and the second se
15. Leak resting Set-Op. Step 4	Leak Testing Set-Up: Step 4
• Step 4: Drill a hole in the duct section	 Step 4: Drill a hole in the duct section
Notice that the hole needs to be at least 12" downstream from where the test connection is located. The hole needs to be approximately 3/8".	Fig. 13: Validation port
14 Look Testing Set Has Step 5	International International Academy States III Duck Leakage Testing Unit 3 + 13
14. Leak Testing Set-Op: Step 5	Leak Testing Set-Up: Step 5
• Step 5: Set both manometers to zero (if applicable).	 Step 5: Set both manometers to zero (if applicable).
U-tube manometers, vertical/inclined manometers, Magnehelic gauges, and some digital manometers must be zeroed. Some instruments will automatically zero themselves.	
	Thinking Initial Initi



 Magnehelic gauge 	
21. Leak Testing Set-Up: Step 11	Leak Testing Set-Up: Step 11
• Step 11: Find leakage rate in CFM on calibration chart.	Step 11: Find leakage rate in CFM on
The chart shown here is a different calibration chart. This example is out of the book.	calibration chart. $d_{0}^{0} = \int_{0}^{0} \int_{0$
22. Leak Testing Set-Up: Step 12	Leak Testing Set-Up: Step 12
 Step 12: Finish recording test data on report form The calibration chart applies only to the specific orifice tube. 	 Step 12: Finish recording test data on report form The calibration chart applies only to the specific orifice tube.
22 Look Tosting Sot Up: Stop 12	Internative Environmental Environmentation Internative Envinternative Environmentation Internative Environmentation
25. Leak resting Set-Op. Step 15	Leak Testing Set-Up: Step 13
 Step 13: Seal all test penetrations and remove caps and blank-offs The technician may choose to monitor the pressure at the far end of the section of the duct being tested to verify that no dampers or other obstructions are impeding the airflow. 	 Step 13: Seal all test penetrations and remove caps and blank-offs The technician may choose to monitor the pressure at the far end of the section of the duct being tested to verify that no dampers or other obstructions are impeding the airflow.
24. Leak Testing Set-Up: Step 13, Cont.	Leak Testing Set-Up: Step 13, Cont.
• For example, for the test section shown on page 34, a validation port could be made at the base of the duct (Fig. 19).	<image/> <image/> <image/> <image/> <image/> <image/> <page-footer><page-footer><page-footer></page-footer></page-footer></page-footer>
25. Summary	Summary
• You should now be able to explain and demonstrate the process (steps) for completing a successful duct leakage test.	 You should now be able to explain and demonstrate the process (steps) for completing a successful duct leakage test.
	international bioing listing to a second sec

Application: Setting up the DLT machine is performed for every Air Duct Leakage Test.

Summary: You now know the steps for setting up an Air Duct Leakage Test Kit. Remember, that there are different kits so some things may be a little different than what was demonstrated here today. **New Program Proposal**

Viewing: Pre-STEM, Certificate of Achievement

Last edit: 04/11/24 1:06 pm

Date Submitted: 04/09/24 12:52 pm

Changes proposed by: Sarah Parikh (20087149)

Basic Information

Ecoulty Author(c)	
Faculty Aution(S)	Users
	Sarah Parikh
Department	Engineering
Division	Science Technology Engineering and Mathematics
Title of Degree/ Certificate	Pre-STEM
Type of Award	Certificate of Achievement
Workforce/CTE Program:	Yes
Effective Catalog Edition:	2024-2025
Distinct curriculum sheet?	No

New Degree or Certificate Proposal

Which academic departments will be involved in the creation of this new degree/certificate? Are any new departments being created? The Engineering Department will create the certificate.

Does De Anza offer a similar degree or certificate?

No.

What is the educational need for this new degree/certificate?

This certificate will bridge the gap between the Semiconductor Process Technician Certificate of Achievement and the Semiconductor Engineering AS. The Semiconductor Process Technician Certificate of Achievement starts at a level of mathematics that prepares students well for the workforce, but does not directly prepare them for the level of math that the Semiconductor Engineering AS begins at. The idea behind the creation of the Semiconductor apprenticeship program is to allow apprentices to continue to pursue education while working and this Pre-STEM Certificate of Achievement will allow them to continue to ladder up in their academic and career pathway.

How does the degree/certificate align with Foothill's Strategic Vision for Equity?

This certificate addresses the Progress and Completion areas of the Foothill's Strategic Vision for Equity. Without this certificate, students from less-well-prepared academic backgrounds will not have the systems in place to support their continued academic and career progress.

Comments and other relevant information for discussion:

Reviewer Comments

In Workflow

- 1. 1PS Curriculum Rep
- 2. Curriculum

Coordinator

- 3. College Curriculum Committee Chair
- 4. Authors
- 5. 1PS Curriculum Rep
- 6. Curriculum Coordinator
- 7. College Curriculum
- Committee Chair 8. BACCC
- 9. FHDA Board of Trustees

Approval Path

1. 04/09/24 2:33 pm Sarah Parikh (parikhsarah): Approved for 1PS Curriculum Rep

New Program Proposal

Viewing: Business and Marketing, Certificate of Achievement

Last edit: 04/11/24 1:25 pm

Date Submitted: 04/02/24 1:51 pm

Changes proposed by: Laurence Lew (10949943)

Basic Information

Faculty Author(s)	Users
	Laurence Lew
Department	Business
Division	Business and Social Sciences
Title of Degree/ Certificate	Business and Marketing
Type of Award	Certificate of Achievement
Workforce/CTE Program:	Yes
Effective Catalog Edition:	2024-2025
Distinct curriculum sheet?	No

1. 1SS Curriculum Rep 2. Curriculum Coordinator

In Workflow

- 3. College Curriculum
- Committee Chair 4. Authors
- 4. Authors
- 5. 1SS Curriculum Rep
- 6. Curriculum Coordinator
- 7. College Curriculum
- Committee Chair 8. BACCC
- 9. FHDA Board of Trustees

Approval Path

1. 04/10/24 6:51 am Angelica Dupree (dupreeangelica): Approved for 1SS Curriculum Rep

New Degree or Certificate Proposal

Which academic departments will be involved in the creation of this new degree/certificate? Are any new departments being created? This certificate will be under the Business Department. There are no new departments being created.

Does De Anza offer a similar degree or certificate?

No

What is the educational need for this new degree/certificate?

The Certificate of Achievement in Business and Marketing at Foothill College addresses the educational need for practical training in fundamental business and marketing principles, catering to the growing workforce demand in these fields. It offers a comprehensive, accessible, and cost-effective pathway for individuals aiming to enhance their employability and advance in their careers within a rapidly expanding market.

How does the degree/certificate align with Foothill's Strategic Vision for Equity?

The Certificate of Achievement in Business and Marketing at Foothill College supports the institution's equity vision by offering accessible, comprehensive training that aims to dismantle structural barriers to success, making quality education in high-demand fields available to all students, irrespective of race or background.

Comments and other relevant information for discussion:

Reviewer Comments

Spanish-Advanced, Certificate of Achievement

Basic Information

Faculty Author(s)

Users

Julio Rivera-Montanez Patricia Crespo-Martin

Department Spanish

Division Language Arts

Title of Degree/Certificate Spanish-Advanced

Type of Award Certificate of Achievement

Workforce/CTE Program: No

Effective Catalog Edition: 2023-2024

Certificate of Achievement Local Narrative

Program Goals and Objectives

The Certificate of Achievement in Spanish-Advanced will provide students with a working tool that will make them more attractive to prospective employers. Possession of this certificate can also guarantee employment advancement, salary increments, and more attractive job qualifications.

Program Learning Outcomes

- Students will be able to conduct a conversation in Spanish with a minimum of grammatical errors in the present, past, and future, and with minimal pronunciation errors.
- Students will be able to express verbal and written opinions about a wide variety of topics using the subjunctive, both past and present, and the conditional tense.
- Students will be able to demonstrate a solid understanding of the subtleties and idiosyncrasies of Spanish-speaking cultures by analyzing and comparing them.

Catalog Description

The Certificate of Achievement in Spanish-Advanced is designed to enhance the student's knowledge of Spanish. It provides a broader view of the Spanish-speaking world and a deeper knowledge of practical structures. It will open employment opportunities for local students because of the large number of Bay Area companies looking for bilingual students. For students planning to continue their undergraduate or graduate education in business, education, or law, this certificate will complement their studies. From a cultural standpoint, Spanish study is valuable in California, with its rich diversity of cultural traditions represented by many Spanish-speaking immigrants from all over the Hispanic World.

Program Requirements

Core Course Units: 15

	Course List	
Code	Title	Units
SPAN F004.	INTERMEDIATE SPANISH I	5
<u>SPAN F005.</u>	INTERMEDIATE SPANISH II	5
<u>SPAN F006.</u>	INTERMEDIATE SPANISH III	5

Total Units: 15

Proposed Sequence

Term		Units
Year 1, Fall	5	
Year 1, Winter	5	
Year 1, Spring	5	

Master Planning

This certificate empowers students to achieve their goals as members of the workforce, and will give them a competitive advantage, because Spanish is the most commonly used second language used in California. If students wish to continue their education, this certificate is stackable towards a degree. Finally, students will gain cultural competence to become better global citizens.

Enrollment and Completer Projections

We anticipate that for the first few years the numbers will remain flat, since most students in Spanish opt for a degree in Spanish; however, this certificate will appeal to students who are not interested in a degree but a certificate to appear in their resume and, eventually, as this certificate becomes known, the numbers will go up.

Historical Enrollment Data

Course #	Course Title	Y1 - Annual Sections	Y1 - Annual Enrollment	Y2 - Annual Sections	Y2 - Annual Enrollment
SPAN 4	Intermediate Spanish I	4	89	3	58
SPAN 5	Intermediate Spanish II	2	21	3	36
SPAN 6	Intermediate Spanish III	2	8	3	14

Place of Program in Curriculum/Similar Programs

Foothill College already offers a Spanish AA degree and AA-T degree. This certificate is stackable toward those degrees.

Similar Programs at Other Colleges in Service Area

This certificate is similar to other language certificates offered by De Anza College, such as Spanish and Mandarin.

Additional Information Required for State Submission:

TOP Code: 1105.00 - Spanish

CIP Code: 16.0905 - Spanish Languages and Literatures

Will any new resources be required (e.g., facilities, equipment, personnel)? No

Gainful Employment: Yes

Distance Education: 100%

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: San Jose State University 2022-2023 General Catalog, Semester From: Foothill College 2022-2023 General Catalog, Quarter

Spanish, B.A.

STAR ACT (SB 1440)

The World Languages & Literatures department accepts the <u>AA-T in Spanish</u>, <u>Global Studies</u>, <u>or Social Justice Studies</u> for transfer into this major. We recommend transfer students complete the following courses, which are required for this major at SJSU, as part of their AA-T. Students should take courses which clear the American Institutions requirement and second course in English composition as part of their CSU GE or IGETC requirements for the AA-T degree (doing so will increase greater choice in the 60 units of SJSU course work to be taken after transfer).

IMPORTANT TRANSFER INFORMATION

Admission to San José State is competitive in all majors. SJSU continues to have more qualified applicants than available new student spaces. Because of this, SJSU is an impacted campus with impacted programs. For the most current information regarding admission impaction at SJSU please visit our website <u>Admissions Impaction</u>.

Prior to transferring to San José State University all transfers must earn at least 60 transferable semester units (90 quarter), including the CSU four basic skill courses required for CSU admission eligibility (except majors which have an approved CSU GE A3 waiver). Within those 60 semester/90 quarter units, students are strongly encouraged to complete the following:

1. Lower Division Major Course Requirements (especially for STEM Majors): Complete as many of the lower division courses required for the major as possible. Many of these courses may be double counted as part of the CSU GE-Breadth 39 semester unit requirements. The lower division major courses for this major are shown below.

2. General Education (GE) Requirements: Complete all the CSU GE Breadth requirements at the community college (39 semester units/58 quarter units). The approved courses for each area can be found at <u>ASSIST.org</u> under the link "CSU GE-Breadth Certification Courses" for your college. Many of these courses may be double counted to meet the major requirements shown below, so choose your courses wisely. Some SJSU majors which meet GE requirements within the majors are noted on the <u>Exceptions for University Graduation Requirements</u> page in our catalog. Please see your college counselor/advisor to review your general education in order to receive FULL OR PARTIAL CERTIFICATION PRIOR TO TRANSFER to San José State University.

3. Second Course in English Composition highly recommended: All students are strongly encouraged to complete a second English composition course as part of their lower division GE prior to transferring to SJSU (either to meet CSU GE Area A3 or C2). Complete this course with a grade of "C-" or better for the greatest success in passing the 100W course at SJSU.

The Writing Skills Test (WST) has been temporarily suspended. The "traditional" WST was an in-person, timed essay exam and has been suspended since March 2020. As a replacement, students now complete an online exercise to fulfill their WST requirement, called the <u>WST-DSP (Directed Self-Placement)</u>.

4. American Institutions Requirement (US 1, US 2, and US 3 must be completed): This requirement is normally two courses and can be taken as part of your CSU GE-Breadth 39 semester unit requirements (GE Area D and sometimes Area C). The approved courses can be found at <u>ASSIST.org</u> under the link "CSU US History, Constitution, and American Ideals Courses" for your college.

5. Graduation Requirement - Physical Education (PE): All undergraduate students who matriculate at SJSU are required to complete two units of physical education from Kinesiology/Dance activity courses, unless the major program has an approved PE waiver. Majors which have approved PE waivers are noted on the "Exceptions for University Graduation Requirements" page in our catalog.

FOREIGN LANGUAGE REQUIREMENT:

Spanish Majors must also take one year of a second world language, ancient or modern, or the equivalent. Have your counselor check with the SJSU Department of World Languages and Literatures for approval of second language.

SECOND COURSE IN ENGLISH COMPOSITION:

ENGL 1B - Argument and Analysis (3.00)	\leftarrow	ENGL 1B - Composition, Critical Reading & Thinking Through Literature (5.00)
		Or
		ENGL 1BH - Honors Composition, Critical Reading, & Thinking
		Through Literature (5.00)

	Or
ENGL 2 - Critical Thinking and Writing (3.00)	← ENGL 1B - Composition, Critical Reading & Thinking Through
	OF
	ENGL 1BH - Honors Composition, Critical Reading, & Thinking
	Through Literature (5.00)
	Or
	ENGL 1C - ARGUMENTATIVE WRITING & CRITICAL THINKING (5.00)
	Or
	ENGL 1CH - HONORS ARGUMENTATIVE WRITING & CRITICAL
	THINKING (5.00)
	Or
	PHIL 1 - Critical Thinking & Writing (5.00)

PREPARATION FOR THE MAJOR AND REQUIREMENTS FOR THE MINOR

SPAN 25A - Intermediate Spanish (4.00)	 SPAN 4 - Intermediate Spanish I (5.00) And SPAN 5 - Intermediate Spanish II (5.00) Complete entire sequence at same institution prior transfer 	to
SPAN 25B - Intermediate Spanish (4.00)	 SPAN 5 - Intermediate Spanish II (5.00) And SPAN 6 - Intermediate Spanish III (5.00) Complete entire sequence at same institution prior transfer 	to
	Or	

SPAN 20A - Spanish for Heritage Speakers I (4.00)	←	No Course Articulated
SPAN 20B - Spanish for Heritage Speakers II (4.00)	\leftarrow	No Course Articulated

PREPARATION FOR THE MINOR AND PREREQUISITES FOR THE LOWER DIVISION MAJOR:

SPAN 1A - Elementary Spanish (4.00)	 SPAN 1 - Elementary Spanish I (5.00) And SPAN 2 - Elementary Spanish II (5.00) Complete entire sequence at same institution prior to transfer
SPAN 1B - Elementary Spanish (4.00)	 SPAN 2 - Elementary Spanish II (5.00) And SPAN 3 - Elementary Spanish III (5.00) Complete entire sequence at same institution prior to transfer

FOREIGN LANGUAGE REQUIREMENT			
Consult an adviser			
One additional year of a modern foreign language	← No Course Articulated		

END OF AGREEMENT

Course Number & Title: Steamfitting and Pipefitting Technology Apprenticeship Program

Breadth Criteria:

At Foothill College, the primary objective of the general education requirements is to provide students with the depth and breadth of knowledge and understanding required to be independent, thinking persons who are able to interact successfully with others as educated and productive members of our diverse society. Design and implementation of the general education curriculum ensures that students have exposure to all major disciplines, understand relationships among the various disciplines, and appreciate and evaluate the collective knowledge and experiences that form our cultural and physical heritage. General education courses provide content that is broad in scope and at an introductory depth, and all require critical thinking.

A general education enables students to clarify and present their personal views as well as respect, evaluate, and be informed by the views of others. This academic program is designed to facilitate a process that enables students to reach their fullest potential as individuals, national and global citizens, and lifelong learners for the 21st century.

In order to be successful, students are expected to have achieved minimum proficiency in math (MATH 105) and English (ENGL 1A, 1AH or ESL 26) before enrolling in a GE course.

A completed pattern of general education courses provides students with opportunities to acquire, practice, apply, and become proficient in each of the core competencies listed below.

- B1. Communication (analytical reading, writing, speaking, and listening skills including evaluation, synthesis, and research).
- B2. Computation (application of mathematical concepts, and/or using principles of data collection and analysis to solve problems).
- B3. Creative, critical, and analytical thinking (reasoning, questioning, problem solving, and consideration of consequence).
- B4. Community and global consciousness and responsibility (consideration of one's role in society at the local, regional, national, and global level in the context of cultural constructs and historical and contemporary events and issues).
- B5. Information competency (ability to identify an information need, to find, evaluate and use information to meet that need in a legal and ethical way) and digital literacy (to teach and assess basic computer concepts and skills so that people can use computer technology in everyday life to develop new social and economic opportunities for themselves, their families, and their communities).

<u>Depth Criteria for Area VI -United States Cultures &</u> <u>Communities:</u>

United States Cultures and Communities courses critically explore the current and historical interaction of different groups of Americans. These courses discourage discriminatory attitudes towards others by providing an empirical understanding of and appreciation for the marginalized groups that have been important in the development of United States history and culture, and the value of diverse cultural groups to American society.

Courses meeting the GE requirement in United States Cultures and Communities *must* include *all of the following* student learning outcomes:

- U1. Demonstrate detailed knowledge of and sensitivity to at least one U.S. group categorized by race/ethnicity, gender, class, disability, sexual identity or religious belief who has suffered a history of systematic oppression and discrimination.
- U2. Critically analyze the degree of (or dynamics of) the interaction between at least one marginalized culture or community and the dominant U.S. culture, or between two marginalized communities or cultures.
- U3. Develop and articulate an awareness of one's own culturally-determined perspective and how it might be viewed from the perspective of others.

In addition, courses meeting the GE requirement for United States Cultures and Communities *must include at least three* of the following student learning outcomes:

- U4. Critically examine the contributions of many groups to a particular aspect of United States culture;
- U5. Evaluate and analyze the interaction of at least one marginalized culture with the dominant U.S. culture;
- U6. Evaluate and analyze the interaction between at least two marginalized cultures or communities within the framework of United States society;
- U7. Explain culture as a concept and how it can unite or divide people into various groups;
- Apply information about groups presented in the class to contemporary social and cultural relations;
- U9. Analyze and interpret how culture shapes human development and behavior.

Course Number & Title: <u>Steamfitting and Pipefitting Technology Apprenticeship Program</u>

Please map each appropriate component from the **Course Outline of Record** to the appropriate depth and breadth criteria. You can use any part of your COR including course outcomes, expanded content, methods of instruction/evaluation, and/or lab content.

Depth Map: <u>Must</u> include the following:

U1. Demonstrate detailed knowledge of and sensitivity to at least one U.S. group categorized by race/ethnicity, gender, class, disability, sexual identity or religious belief who has suffered a history of systematic oppression and discrimination;

Matching course component(s):

Over their entire program, Steamfitter Pipefitter Technology students discuss, analyze, and critically engage in understanding how the trades generally, and unions specifically, increase the economic and social opportunities of historically marginalized groups.

APPT 141 Year 1 Semester 1 Union Heritage

The Union Heritage class discusses the history and importance of unions and the labor movement and how they helped address discrimination against systemically oppressed people from lower- and working-class and BIPOC groups. Students learn applied examples of this, such as how the Industrial Workers of the World (IWW) union wanted to abolish capitalism because of its systemic and negative effects on BIPOC people, women, children, and families.

APPT139A Year 5 Semester 5 Industrial Installations

Students in The Process Piping/Industrial Installation class are required to research and write a paper on Superfund (significantly polluted and hazardous areas with extensive soil and groundwater contamination) sites in the bay area, and their effects on the environment and policy making locally and nationwide. Students learn there are hundreds of Superfund sites in the state of California and dozens in Santa Clara County. This includes discussion of environmental racism (as environmental hazards and codes, or lack of them, disproportionally impact environments where BIPOC and other marginalized groups people live based on available resources), the disposal of toxic materials in American culture and history, and the importance of industry standards, code creation and enforcement. One example from this class is an examination of the Superfund Fairchild Semi-Conductor, Raytheon, and Intel sites. Students do an in-depth report on chemicals released at the sites, the status of the sites today, how monitoring is done, evident health hazards, local jurisdictions of the site and hazard mitigation for the future. In preparation for their projects, students learn things like that there are approximately 250,000 people in the county that live within a 15-mile radius of these sites (Fairchild / Raytheon and Intel-Mountain View are on the Superfund National Priorities List (NPL). All three sites are in the Middlefield-Ellis-Whisman (MEW) study area) and how this affects local populations by age, gender, social class, racial and ethnic group.

APPT 146 Year 3 Semester 2 Module 14-Steam Theory

Examples of demonstrated knowledge of and sensitivity to at least one US group/category from the above course are where students research case studies of disasters such as The Sultana Disaster of 1865, and the Grover Shoe Factory Disaster in Brockton, Massachusetts on March 10, 1905.

APPT 143B Year 2 semester 2 Module 12 OSHA 30 - Students become more aware and sensitized to specific cultural and economic encounters in American history in relation to the trades and steamfitting as applied examples through research and learning about case studies. Case studies consider how historical, cultural, and economic discrimination have resulted in foreign-born and Hispanic workers having suffered disproportionally higher fatality rates due to injuries in industrial accidents in America.

U2. Critically analyze the degree of (or dynamics of) the interaction between at least one marginalized culture or community and the dominant U.S. culture, or between two marginalized communities or cultures;

Matching course component(s):

Steamfitter Pipefitter Technology Program students not only receive implicit bias training in specific modules in their program, they also have this training reinforced through onsite job training, where real-

world expectations require students to both understand and navigate the power dynamics of the actual world.

APPT 141 Year 1 Semester 1 Union Heritage

The Union Heritage class discusses the history and importance of unions and the labor movement and how they helped address discrimination against systemically oppressed people from lower- and working-class and BIPOC groups. Students learn applied examples of this, such as how the Industrial Workers of the World (IWW) union wanted to abolish capitalism because of its systemic and negative effects on BIPOC people, women, children, and families.

APPT 134B Industrial Safety Year 2 Module 12-The Triangle Shirtwaist Factory fire in the Greenwich Village area of New York City.

Students learn about case studies such as the Triangle Shirtwaist Factory fire. The fire is the deadliest industrial disaster in the history of New York city, and one of the deadliest in U.S. history. It caused the deaths of 146 garment workers - who died from the fire, smoke inhalation, falling, or jumping to their deaths (the factory was located on the 8th, 9^{th,} and 10th stories of the Asch building, built in 1901). A common employment practice at the time to prevent workers from taking unauthorized breaks and to reduce theft was for factory owners and managers to lock the doors to the stairwells and exits. As a result, many of the workers could not escape from the burning building and jumped from the high windows. There were no sprinklers in the building. Most of the victims were recently arrived Italian or Jewish immigrant women and young girls who were forced to work in unsafe conditions because they had no other option to survive. Students learn about the causes, consequences, and legacy of the disaster and how it affected immigrant women and girls disproportionately. The building is a National Historic Landmark and is a New York City landmark. The fire led to legislation requiring improved factory and industrial safety standards and helped create the International Ladies' Garment Workers' Union (ILGWU), which fought for better working conditions for sweatshop workers. The ILGWU was one of the first US unions to have a primarily female membership, and a central figure in American labor history in the 1920s and 1930s. It is the precursor to the Union of Needle trades, Industrial and Textile Employees (UNITE) which merged with the Hotel Employees and Restaurant Employees Union (HERE) to create the current union, UNITE HERE (which today has over 300,000 members).

APPT139A Year 5 Semester 5 Industrial Installations

Students learn about large scale geopolitical factors that interact to shape industrial work in the US and globally. One example used in this class is the US "Creating Helpful Incentives to Produce Semiconductors" (CHIPS) Act of 2022. The act is an industrial policy put in place due to an Artificial Intelligence (AI) Cold War between the US and China, as artificial intelligence technology relies on semiconductors that are largely produced in China amidst a global semiconductor shortage. Students learn to see the bigger picture of industrial work in the example of how the CHIPS essentially places embargos on Chinese equipment and overseas manufacturing and has a high level of geopolitical significance. The act provides billions of dollars of subsidies and tax credits to chip makers with operations in the United States that conduct research, build facilities in Austin and Phoenix and examine the interaction between politics, geographic regions, cultures and industries as inter-related cultural factors there.

Students in The Process Piping/Industrial Installation class are required to research and write a paper on Superfund (significantly polluted and hazardous areas with extensive soil and groundwater contamination) sites in the bay area, and their effects on the environment and policy making locally and nationwide. Students learn there are hundreds of Superfund sites in the state of California and dozens in Santa Clara County. This includes discussion of environmental racism (as environmental hazards and codes, or lack of them, disproportionally impact environments where BIPOC and other marginalized groups people live based on available resources), the disposal of toxic materials in American culture and history, and the importance of industry standards, code creation and enforcement.

APPT 146 Year 3 Semester 2 Module 14-Steam Theory

Examples of demonstrated knowledge of and sensitivity to at least one US group/category from the above course are where students research case studies of disasters such as The Sultana Disaster of 1865, and the

Grover Shoe Factory Disaster in Brockton, Massachusetts on March 10, 1905. The Grover Shoe Factory Disaster was an industrial/boiler explosion, that caused a building collapse that leveled the factory and a fire that killed 58 people and injured 150. The four-story wooden building collapsed and burst into flames, trapping and incinerating workers in the wreckage.

Students learn how and why these disasters such as these happened and how they lead to the establishment of industrial safety measures such as the Boiler Testing Code in 1884, and the creation of the American Society of Mechanical Engineers (ASME). Students use these case studies to understand the extreme danger and loss from deadly disasters that took the lives of countless working-class people and thrust their families and communities into poverty and despair. Students learn about the gravity and upmost importance of stringent industrial safety laws and a national code governing the safe operation of steam boilers to protect and preserve all peoples' lives and communities.

APPT 141 Year 1 Semester 1 Union Heritage

The Wobbles (Industrial workers of the world) wanted to abolish capitalism. Inequalities of classes. Many Labor Acts due to inequalities of classes.

The Union Heritage class discusses the history and importance of unions and the labor movement and how they helped address discrimination against systemically oppressed people from lower- and working-class and BIPOC groups. Students learn applied examples of this, such as how the Industrial Workers of the World (IWW) union wanted to abolish capitalism because of its systemic and negative effects on BIPOC people, women, children, and families.

Prevention of Harassment training

All State Apprenticeship Programs, including the Steamfitter Pipefitter Technology Program students, must have policies and training in place on the prevention of harassment, including sexual and other forms of harassment, bias, bystander responsibilities, laws and rights, and procedures. All students take this training and are assessed on it.

Students learn about implicit bias and how bias affects the rights, responsibilities, and opportunities of various community members thereby demonstrating understanding of the interaction of marginalized people in groups.

U3. Develop and articulate an awareness of one's own culturally-determined perspective and how it might be viewed from the perspective of others.

Matching course component(s):

APPT 141 Year 1 Semester 1 Union Heritage

The Union Heritage class discusses the history and importance of unions and the labor movement and how they helped address discrimination against systemically oppressed people from lower- and working-class and BIPOC groups. Students learn applied examples of this, such as how the Industrial Workers of the World (IWW) union wanted to abolish capitalism because of its systemic and negative effects on BIPOC people, women, children, and families.

The study of our union's cultural traditions and "standards of excellence."

APPT 141 Year 1 Semester 1 Union Heritage

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All State Apprenticeship Programs, including the Steamfitter Pipefitter Technology Program students, must have policies and training in place on the prevention of harassment, including sexual and other forms of harassment, bias, bystander responsibilities, laws and rights, and procedures. All students take this training and are assessed on it.

APPT139A Year 5 Semester 5 Industrial Installations

Students in The Process Piping/Industrial Installation class are required to research and write a paper on Superfund (significantly polluted and hazardous areas with extensive soil and groundwater contamination)

sites in the bay area, and their effects on the environment and policy making locally and nationwide. Students learn there are hundreds of Superfund sites in the state of California and dozens in Santa Clara County. This includes discussion of environmental racism (as environmental hazards and codes, or lack of them, disproportionally impact environments where BIPOC and other marginalized groups people live based on available resources), the disposal of toxic materials in American culture and history, and the importance of industry standards, code creation and enforcement. One example from this class is an examination of the Superfund Fairchild Semi-Conductor, Raytheon, and Intel sites. Students do an in-depth report on chemicals released at the sites, the status of the sites today, how monitoring is done, evident health hazards, local jurisdictions of the site and hazard mitigation for the future. In preparation for their projects, students learn things like that there are approximately 250,000 people in the county that live within a 15-mile radius of these sites (Fairchild / Raytheon and Intel-Mountain View are on the Superfund National Priorities List (NPL). All three sites are in the Middlefield-Ellis-Whisman (MEW) study area) and how this affects local populations by age, gender, social class, racial and ethnic group.

Depth Map: Additionally, must include at least three of the following:

U4. Critically examine the contributions of many groups to a particular aspect of United States culture; Matching course component(s):

APPT 134B Industrial Safety Year 2 semester 2 Module 12

OSHA 30- The Triangle Shirtwaist Factory fire in the Greenwich Village area of New York City.

Students learn about case studies such as the Triangle Shirtwaist Factory fire.

APPT139A Year 5 Semester 5 Industrial Installations

Students learn about large scale geopolitical factors that interact to shape industrial work in the US and globally. One example used in this class is the US "Creating Helpful Incentives to Produce Semiconductors" (CHIPS) Act of 2022.

APPT 141 Year 1 Semester 1 Union Heritage

The Union Heritage class discusses the history and importance of unions and the labor movement and how they helped address discrimination against systemically oppressed people from lower- and working-class and BIPOC groups. Students learn applied examples of this, such as how the Industrial Workers of the World (IWW) union wanted to abolish capitalism because of its systemic and negative effects on BIPOC people, women, children, and families.

The Study of the union's cultural traditions and "standards of excellence."

U5. Evaluate and analyze the interaction of at least one marginalized culture with the dominant U.S. culture; Matching course component(s):

APPT 143B Year 2 semester 2 Module 12

OSHA 30-The study of foreign-born workers unproportionally Hispanic fatalities injured in America.

APPT 141 Year 1 Semester 1 Union Heritage

The Union Heritage class discusses the history and importance of unions and the labor movement and how they helped address discrimination against systemically oppressed people from lower- and working-class and BIPOC groups. Students learn applied examples of this, such as how the Industrial Workers of the World (IWW) union wanted to abolish capitalism because of its systemic and negative effects on BIPOC people, women, children, and families.

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U6. Evaluate and analyze the interaction between at least two marginalized cultures or communities within the framework of United States society;

Matching course component(s):

APPT139A Year 5 Semester 5 Industrial Installations

Chip Act Embargos on Chinese equipment Overseas manufacturing Geo Political significance. Students in The Process Piping/Industrial installation class are required to research Superfund sites in the bay area and their effect on the environment and policy making locally and nationwide.

APPT 143B Year 2 semester 2 Module 12 OSHA 30-The study of foreign born workers unproportionally Hispanic fatalities injured in America.

U7. Explain culture as a concept and how it can unite or divide people into various groups; Matching course component(s):

APPT 141 Year 1 Semester 1 Union Heritage

The Union Heritage class discusses the history and importance of unions and the labor movement and how they helped address discrimination against systemically oppressed people from lower- and working-class and BIPOC groups. Students learn applied examples of this, such as how the Industrial Workers of the World (IWW) union wanted to abolish capitalism because of its systemic and negative effects on BIPOC people, women, children, and families.

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Prevention of Harassment training

All State Apprenticeship Programs, including the Steamfitter Pipefitter Technology Program students, must have policies and training in place on the prevention of harassment, including sexual and other forms of harassment, bias, bystander responsibilities, laws and rights, and procedures. All students take this training and are assessed on it.

U8. Apply information about groups presented in the class to contemporary social and cultural relations; Matching course component(s):

APPT139A Year 5 Semester 5 Industrial Installations

Students learn about large scale geopolitical factors that interact to shape industrial work in the US and globally. One example used in this class is the US "Creating Helpful Incentives to Produce Semiconductors" (CHIPS) Act of 2022. The act is an industrial policy put in place due to an Artificial Intelligence (AI) Cold War between the US and China, as artificial intelligence technology relies on semiconductors that are largely produced in China amidst a global semiconductor shortage. Students learn to see the bigger picture of industrial work in the example of how the CHIPS essentially places embargos on Chinese equipment and overseas manufacturing and has a high level of geopolitical significance. As applied examples, students specifically research CHIPS act industrial facilities in Austin and Phoenix and examine the interaction between politics, geographic regions, cultures and industries as inter-related cultural factors there.

Union Heritage

Prevention of Harassment training

All State Apprenticeship Programs, including the Steamfitter Pipefitter Technology Program students, must have policies and training in place on the prevention of harassment, including sexual and other forms of harassment, bias, bystander responsibilities, laws and rights, and procedures. All students take this training and are assessed on it.

APPT 134B Industrial Safety Year 2 semester 2 Module 12

OSHA 30- The Triangle Shirtwaist Factory fire in the Greenwich Village area of New York City.

Students learn about case studies such as the Triangle Shirtwaist Factory fire.

U9. Analyze and interpret how culture shapes human development and behavior.

Matching course component(s):

APPT139A Year 5 Semester 5 Industrial Installations

Students learn about large scale geopolitical factors that interact to shape industrial work in the US and globally. One example used in this class is the US "Creating Helpful Incentives to Produce Semiconductors" (CHIPS) Act of 2022.

APPT 141 Year 1 Semester 1 Union Heritage

The Union Heritage class discusses the history and importance of unions and the labor movement and how they helped address discrimination against systemically oppressed people from lower- and working-class and BIPOC groups. Students learn applied examples of this, such as how the Industrial Workers of the World (IWW) union wanted to abolish capitalism because of its systemic and negative effects on BIPOC people, women, children, and families.

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Prevention of Harassment training

All State Apprenticeship Programs, including the Steamfitter Pipefitter Technology Program students, must have policies and training in place on the prevention of harassment, including sexual and other forms of harassment, bias, bystander responsibilities, laws and rights, and procedures. All students take this training and are assessed on it.

Breadth Mapping: please indicate all that apply (if applicable)

B1. Communication (analytical reading, writing, speaking, and listening skills including evaluation, synthesis, and research)

Matching course component(s):

Steamfitter Pipefitter Technology Program students must communicate in a variety of formats. Whether it is engaging with other apprenticeship students, workers, supervisors, or with customers and the public, students in this program are required to express themselves clearly, concisely, and persuasively using discipline specific terms.

Pipefitter Program courses demonstrating B1 Communication skills include but are not limited to:

APPT 144A Year 2 Module 2 Related Science - where apprentices are required to do a science project presentation or paper requiring a significant amount of research based on the scientific process and scientific evidence.

APPT139A Year 5 Semester 5 Industrial Installations

B2. Computation (application of mathematical concepts, and/or using principles of data collection and analysis to solve problems).

Matching course component(s):

Because the application of what Steamfitter Pipefitter Technology Program students learn and practice must be extremely precise to meet all existing codes and regulations, students learn and apply many mathematical concepts and data collection models.

Steamfitter Pipefitter Technology Program courses demonstrating *B2 Computation* include but are not limited to:

APPT 145 Year 3 Semester 1 Module 13 Advanced Trade Math

Apprentices are required to apply mathematical concepts in practical applications.

B3. Clearly and precisely express their ideas in a logical and organized manner using the disciplineappropriate language

Matching course component(s):

Students in the Steamfitter Pipefitter Technology Program must communicate in a variety of formats. Whether it is engaging with other apprenticeship students, workers, supervisors, or with customers and the public, students in this program are required to express themselves clearly, concisely, and persuasively using discipline specific terms.

Pipefitter Program courses demonstrating Standard B3 skills include but are not limited to:

APPT 134B Industrial Safety Year 2 semester 2 Module 12

OSHA 30- The Triangle Shirtwaist Factory fire in the Greenwich Village area of New York City.

Students learn to express their ideas in a logical and organized manner using discipline specific-appropriate language by researching, discussing and writing about or presenting on case studies such as the Triangle Shirtwaist Factory fire.

APPT 145 Year 3 Semester 1 Module 13 Advanced Trade Math

Apprentices are required to apply mathematical concepts in practical applications.

B4. Community and global consciousness and responsibility (consideration of one's role in society at the local, regional, national, and global level in the context of cultural constructs and historical and contemporary events and issues).

Matching course component(s):

Students in the Pipefitter Technology Program meet standard B4 in many ways. Their training includes courses on the environmental impact of their work on the planet. They also learn about the role of their union in advancing the social and economic opportunities for historically marginalized groups. And through on the job training and other required program elements, sheet metal students also learn the real-world importance of their actions and behaviors on others.

Pipefitter Program courses demonstrating Standard B4 skills include but are not limited to:

APPT139A Year 5 Semester 5 Industrial Installations

Students expand their community and global consciousness and responsibility by learning about large scale geopolitical factors that interact to shape industrial work in the US and globally. One example used in this class is the US "Creating Helpful Incentives to Produce Semiconductors" (CHIPS) Act of 2022. As applied examples, students specifically research CHIPS act industrial facilities in Austin and Phoenix and examine the interaction between politics, geographic regions, cultures and industries as inter-related cultural factors there.

APPT 144A Year 2 Module 2 Related Science where apprentices are required to do a science project presentation or paper requiring a significant amount of research based on the scientific process and scientific evidence.

APPT 146 Year 3 Semester 2 Module 14-Steam Theory

B5. Information competency (ability to identify an information need, to find, evaluate and use information to meet that need in a legal and ethical way) and digital literacy (to teach and assess basic computer

Matching course component(s):

Because the application of what Steamfitter Pipefitter Technology Program students learn and practice must be extremely precise to meet all existing codes and regulations, students learn information competency - including digital literacy - throughout the program.

Pipefitter Program courses demonstrating Standard B5 skills include but are not limited to:

APPT 144A Year 2 Module 2 Related where apprentices are required to do a science project presentation or paper requiring a significant amount of research based on the scientific process and scientific evidence.

APPT 134B Industrial Safety Year 2 semester 2 Module 12 OSHA 30

Requesting Faculty: PATRICIA GIBBS	Date: <u>4/4/2024</u>
Division Curr Rep: <u>Tim Myres</u>	Date: <u>4/9/24</u>

FOR USE BY GE SUBCOMMITTEE:

Review Committee Members: N/A

Recommended for Approval: _____ Not Recommended for Approval: _____ Date: _____

In the box below, please provide rationale regarding the subcommittee's recommendation:

Note: application did not go to subcommittee