## CYPRESS COLLEGE CURRICULUM COMMITTEE

Tuesday, February 6, 2024

Cypress College Complex (CCCPLX) 406

AGENDA

Your attendance is critical in helping to meet the curriculum needs of Cypress College. Remember, if you are unable to attend please find an alternate representative.

Call to Order: Joyce Peacock, Chair

- 1. Establish Quorum and Acknowledge Alternates
- 2. Adoption of the Agenda
- 3. Approval of December 5, 2023 minutes: (attached)
- 4. Public Commentary (3 minutes per speaker)
- 5. Curriculum Specialist Report: Marbelly Jairam
- 6. Articulation Officer Report: Jacky Rangel
- 7. Division Reports: All division reps
- 8. CPL Coordinator Report: Jolena Grande
- 9. Administration Report
- 10. Working Group designation for Associate Degree GE
- 11. Reading Proficiency requirement language in the catalog
- 12. Chair Report
- 13. Approval of curriculum
- 14. Other-any additional concerns committee members might want to bring up for items that do not require vote

## **Info Items:**

ESL 054 C-Corrected SAM Code to Non-Occupational from Possibly Occupational, effective Fall 2024, Board approved 11/14/2023.

ESL 064 C- Corrected SAM Code to Non-Occupational from Possibly Occupational, effective Fall 2024, Board approved 11/14/2023.

DEACTIVATE COURSES						
COURSE ID EFF DATE JUSTIFICATION						
MUS 298DC Electronic Music I	2024 Fall	No longer in need.				
MUS 298FC Brass Seminar	2024 Fall	No longer in need.				

NEW COURSES								
COURSE ID	ACTION TAKEN	CLASS SIZE		EFF DATE	JUSTIFICATION			
AC/R 141 C	*New Course	20	Most of the time the	2024	Approved by Advisory Council.			
Plumbing	*Distance Education:		students are engaged in	Fall	Course enhances program to			
Fixtures	Partially Online		practicing the skill(s) they		include employment with			
Units: 3	*Prerequisites" AC/R 140		are learning and the		commercial mechanical			
	C		instructor gives each		contractors whose scope of			

Lecture: 1.5 Laboratory: 4.5	*Advisory: None *FSA: R30 (Plumbing) *CSU Transfer		student individual instruction as the class proceeds. One (1) proctor can test up to 35 candidates at one time; if testing more than 35 candidates, a second proctor is required. From the RSES Proctor Manual, Revised February 2019. (Attached in files)		work include plumbing piping and all aspects of the plumbing trade.
AC/R 142 C Plumbing System Repairs Units: 2 Lecture: 1.5 Laboratory: 1.5	*New Course *Distance Education: Partially Online *Prerequisites: AC/R140 C *Advisory: None *FSA: R30 (Plumbing) *CSU Transfer	20	Most of the time the students are engaged in practicing the skill(s) they are learning and the instructor gives each student individual instruction as the class proceeds.  One (1) proctor can test up to 35 candidates at one time; if testing more than 35 candidates, a second proctor is required. From the RSES Proctor Manual, Revised February 2019. (Attached in files)	2024 Fall	Approved by Advisory Council. Course enhances program to include employment with commercial mechanical contractors whose scope of work include plumbing piping and all aspects of the plumbing trade.
AC/R 143 C Plumbing Irrigation Units: 2 Lecture: 1.5 Laboratory: 1.5	*New Course *Distance Education: Partially *Prerequisites: AC/R140 C and AC/R 105 C Advisory: None FSA: R30 (Plumbing) *CSU Transfer	20	Most of the time the	2024 Fall	Approved by Advisory Council. Course enhances program to include employment with commercial mechanical contractors whose scope of work include plumbing piping and all aspects of the plumbing trade.

REVISED COURSES								
COURSE ID	ACTION TAKEN	CLASS SIZE	CLASS SIZE JUSTIFICATION	EFF DATE	JUSTIFICATION			
AC/R 036 C	*Outline Update	35	While the instructor does	2024	The handling of all refrigerants			
Refrigerant	*Class size from 45 to		lecture, much of the class	Fall	fall under the jurisdiction of the			
Certification	35		time focuses on discussion,		Environmental Protection			
Training	*Removed Distance		group learning, and/or		Agency (EPA).			
Units: 1	Education: Fully Online		formal/informal student		Course must be updated to			
Lecture: 1	*Prerequisite		presentations. Evaluation		comply with the changes of the			
Laboratory: 0	revalidated		primarily through objective		EPA Section 608 Certification			

	*Catalog/Schedule Description Update *Student Learning Outcomes Update *Textbooks Update		exams. Writing assignments are assessed mostly for concepts and structure.  One (1) proctor can test up to 35 candidates at one time; if testing more than 35 candidates, a second proctor is required. From the RSES Proctor Manual, Revised February 2019. (Attached in files)	Law and the September 2021 EPA ruling and adoption concerning the phase-out and mandatory changes in industry refrigerants and technician certification. Course revision includes a revision for on-campus proctored certification exam for Section 608 EPA Certification, Certification Testing for A2L Refrigerants and Certification Testing for Hydrocarbon Refrigerants. Test can only be administered by a Certified Cypress College instructor by HVAC Excellence or RSES (Refrigeration Service Engineers Society). Outline, class size, distance education, prerequisites revalidated, catalog/schedule description, SLOs, and textbook updated to better reflect course content.
Principles of	*Outline Update *Advisory revalidated *Textbook Update	20	HVAC EXCELLENCE Standard 5.2 – Students per Instructor: The number of students per instructor shall be reasonable and allow for individual instruction. Classes should consist of no more that a maximum of 20 students per instructor. Open enrollment programs comprised of 15 or more students at multiple levels should be two instructor programs. The Air Conditioning & Refrigeration Department is aligning itself to this standard. This standard is not only for the quality of education allowing for more individual instruction, but also takes into account safety and health reasons as this industry is involved with the handling of hazardous materials such as refrigerants, oxygen and acetylene and oils. Also, the handling of electrical circuits at higher voltages	Outline, advisory revalidated, and textbook updated to better reflect course content.

			demands more care. See the attached justification.	
AC/R 105 C Electricity for Air Conditioning and Refrigeration I Units: 3 Lecture: 1.5 Laboratory: 4.5	*Outline Update *Textbook Update	20	1	Outline and textbook updated to better reflect course content.
AC/R 106 C Electricity for Air Conditioning and Refrigeration II Units: 3 Lecture: 1.5 Laboratory: 4.5	*Outline Update *Prerequisite revalidated *Textbook Update	20	HVAC EXCELLENCE Standard 5.2 – Students per Instructor: The number of students per instructor shall be reasonable and allow for individual instruction. Classes should consist of no more that a maximum of 20 students per instructor. Open enrollment programs comprised of 15 or more students at multiple levels should be two instructor programs. The Air Conditioning & Refrigeration Department is aligning itself to this standard. This standard is not only for the quality of education allowing for more individual instruction,	Outline, prerequisite revalidated, and textbook updated to better reflect course content.

			but also takes into account safety and health reasons as this industry is involved with the handling of hazardous materials such as refrigerants, oxygen and acetylene and oils. Also, the handling of electrical circuits at higher voltages demands more care. See the attached justification.		
Psychrometrics Units: 2 Lecture: 1.5 Laboratory: 1.5	*Outline Update *Title Update from Air Conditioning I to Air Flow Design & Psychrometrics *Textbook Update	20	HVAC EXCELLENCE Standard 5.2 – Students per Instructor: The number of students per instructor shall be reasonable and allow for individual instruction. Classes should consist of no more that a maximum of 20 students per instructor. Open enrollment programs comprised of 15 or more students at multiple levels should be two instructor programs. The Air Conditioning & Refrigeration Department is aligning itself to this standard. This standard is not only for the quality of education allowing for more individual instruction, but also takes into account safety and health reasons as this industry is involved with the handling of hazardous materials such as refrigerants, oxygen and acetylene and oils. Also, the handling of electrical circuits at higher voltages demands more care. See the attached justification.	Fall	Outline, title, and textbook updated to better reflect course content.
AC/R 115 C Gas Heat Transfer Systems Units: 3 Lecture: 1.5 Laboratory: 4.5	*Outline Update *Textbook Update	20	HVAC EXCELLENCE Standard 5.2 – Students per Instructor: The number of students per instructor shall be reasonable and allow for individual instruction. Classes should consist of no more that a maximum of 20 students per instructor. Open enrollment programs comprised of 15 or more students at multiple levels	Fall	Outline and textbook updated to better reflect course content.

			should be two instructor programs. The Air Conditioning & Refrigeration Department is aligning itself to this standard. This standard is not only for the quality of education allowing for more individual instruction, but also takes into account safety and health reasons as this industry is involved with the handling of hazardous materials such as refrigerants, oxygen and acetylene and oils. Also, the handling of electrical		
			circuits at higher voltages demands more care. See the		
			attached justification.		
AC/R 230 C Heat Pumps Units: 2 Lecture: 1.5 Laboratory: 1.5	*Outline Update *Prerequisites revalidated *Catalog/Schedule Description Update	20	HVAC EXCELLENCE Standard 5.2 – Students per Instructor: The number of students per instructor shall be reasonable and allow for individual instruction. Classes should consist of no more that a maximum of 20 students per instructor. Open enrollment programs comprised of 15 or more students at multiple levels should be two instructor programs. The Air Conditioning & Refrigeration Department is aligning itself to this standard. This standard is not only for the quality of education allowing for more individual instruction, but also takes into account safety and health reasons as this industry is involved with the handling of hazardous materials such as refrigerants, oxygen and acetylene and oils. Also, the handling of electrical circuits at higher voltages demands more care. See the attached justification.		Update course content to include cold climate heat pumps and heat pump hot water heater. Update textbook. Outline, prerequisites revalidated, and catalog/schedule description updated to better reflect course content.
THEA 147 C	*Outline Update	20	This class requires the	2024	Outline and SLOs updated to
Stage Makeup	*Student Learning		students to apply makeup to	Fall	better reflect course content.
Units: 3	Outcomes Update		their faces in a prescribed		

Lecture: 2	manner that will not result	Per DE notes-needs to be
Laboratory: 3	in injury to their skin or	review by committee
	eyes. The proper use of	
	adhesives for prosthetics	
	must be taught carefully to	
	prevent injury to the eyes,	
	mouth, and prevent adverse	
	skin reaction. The class size	
	of 20 establishes the	
	appropriate limit of	
	students that can be safely	
	supervised and taught by an	
	instructor.	

	N	ODIFY DEGREES/CERTIFICATES			
DEGREE				EFF DATE	JUSTIFICATION
Air	Air Condit	ioning Customer Service Certificate		2024	*PSLOs Update
Conditioning/Refrigeration	The Custome	er Service Certificate provides students with a career p	ath	Fall	*Course title
		the communication skills, practical knowledge, and			update: AC/R 110
		ning necessary for pursuing a career in customer serv	ce.		C
		apleting this certificate will develop an advanced			Total units remain
		g of personal inter-relations of customer service. To e			the same.
		e, complete the required courses as listed with a grade			
		least 50% of all major course work must be completed	ı at		
	Cypress Con	ege. This certificate requires a total of 18 units.			
	Required com	rses are listed in suggested sequence (18 units):			
	required cour	ses are listed in suggested sequence (10 times).	Units	1	
	AC/R100 C	Principles of Thermodynamics and Heat Transfer	3		
	AC/R110 C	Air Flow Design & Psychrometrics	2	1	
	AC/R137 C	Blueprints and Dimension Analysis	2	41	
	AC/R105 C	Electricity for Air Conditioning and Refrigeration I	3	41	
	AC/R115 C	Gas Heat Transfer Systems	3	4	
	AC/R135 C	Sustainability Design & Application	2	11	
	AC/R245 C	Load Calculations for Heating and Cooling	2		
	AC/R055 C	Technician Customer Relations	1		
	T 4 1 1 1 14		1.0		
	Total Units		18	<b>!</b>	
Air		ioning and Refrigeration Associate in Science		2024	*Course title
Conditioning/Refrigeration	Degree			Fall	update: AC/R 110
		n is designed as the bridge between Engineering and S			C
		It will provide students with technical skills to suppor	t		Total units remain
		applications. Graduates of the program will be at the			the same.
		of the application of new engineering solutions to			
	*	industry. To earn an Associate Degree students must			
	complete: (1) all 40 units of Air Conditioning & Refrigeration course requirements for the Certificate in Air Conditioning & Refrigeration				
		of C or better; (2) Cypress College Native General			
		quirements; California State University General Educ			
		irements (CSU GE Breadth) or IGETC General Education			
		, including the cultural diversity and reading requirem			
	_	ive courses to complete a minimum of 60 units; and,			

have a minimum GPA of 2.0. At least 50% of all major course work must be completed at Cypress College. Courses that fulfill requirements for an Associate Degree at Cypress College might not be the same as those required for completing the major at a transfer institution offering a Baccalaureate Degree. For information on specific university requirements, please consult with your counselor, or visit the Transfer Center. This degree requires a total of 40 units. Required courses are listed in suggested sequence (40 units): Units AC/R100 C Principles of Thermodynamics and Heat Transfer AC/R110 C Air Flow Design & Psychrometrics AC/R120 C Piping Practice, Tools and Safety AC/R137 C Blueprints and Dimension Analysis AC/R036 C Refrigerant Certification Training AC/R055 C Technician Customer Relations AC/R105 C Electricity for Air Conditioning and Refrigeration I AC/R115 C Gas Heat Transfer Systems AC/R135 C Sustainability Design & Application AC/R106 C Electricity for Air Conditioning and Refrigeration II AC/R210 C Commercial Refrigeration AC/R220 C Introduction to Air Conditioning Controls AC/R230 C Heat Pumps AC/R205 C Commercial Air Conditioning AC/R215 C Codes and Commissioning AC/R245 C Load Calculations for Heating and Cooling AC/R235 C Air Conditioning Capstone Total Units 2024 \*PSLOs Update Air Air Conditioning and Refrigeration Certificate Conditioning/Refrigeration Fall Primary emphasis of this program is to prepare the student with job \*Course title entry-level skills. Although further training must be done on the job, the update: AC/R 110 student will have a strong background in fundamental skills of refrigeration, electricity, mathematics, communication skills, and Total units remain drafting. At least 50% of all major course work must be completed at the same. Cypress College. This certificate requires a total of 40 units. Required courses are listed in suggested sequence (40 units): Units AC/R100 C Principles of Thermodynamics and Heat Transfer AC/R110 C Air Flow Design & Psychrometrics AC/R120 C Piping Practice, Tools and Safety AC/R137 C Blueprints and Dimension Analysis AC/R036 C Refrigerant Certification Training AC/R055 C Technician Customer Relations AC/R105 C Electricity for Air Conditioning and Refrigeration I AC/R115 C Gas Heat Transfer Systems AC/R135 C Sustainability Design & Application AC/R106 C Electricity for Air Conditioning and Refrigeration II AC/R210 C Commercial Refrigeration AC/R220 C Introduction to Air Conditioning Controls AC/R230 C Heat Pumps AC/R205 C Commercial Air Conditioning AC/R215 C Codes and Commissioning

	AC/R245 C	Load Calculations for Heating and Cooling	2					
	AC/R235 C	Air Conditioning Capstone	2					
	110/10200	in conditioning experience						
	Total Units		40					
Air	Air Conditi	oning and Refrigeration Project Manageme	ent	2024	*PSLOs Update			
Conditioning/Refrigeration	Certificate							
l S		ons can have a major impact to the success of a HV			update: AC/R 110			
		Air Conditioning & Refrigeration Project Manageme			Ĉ			
		ustry specific technical management skills for quali			Total units remain			
		ol. To earn this certificate, complete the required con			the same.			
		grade of C or better. At least 50% of all major cours						
	_	pleted at Cypress College. This certificate requires a	total of					
	17 units.							
	Required Cou	rses (17 units):						
	100	(* 233-33)*	Units					
	AC/R100 C	Principles of Thermodynamics and Heat Transfer	3					
	AC/R110 C	Air Flow Design & Psychrometrics	2					
	AC/R120 C	Piping Practice, Tools and Safety	3					
	AC/R215 C	Codes and Commissioning	3					
	AC/R260 C	Crew Leadership-Field Supervisor	2					
	AC/R265 C	Project Management	3					
	AC/R055 C	Technician Customer Relations	1					
		1	-					
	Total Units		17					
Air	Automated	<b>Building Controls Certificate</b>	•	2024	To realign this			
Conditioning/Refrigeration		te in Automated Building Controls provides student		certificate to match				
		or attaining the communication skills, practical know		to the Automated				
		training necessary for pursuing a career in controls		Building Controls				
	energy manag	gement. This training also prepares students to insta		Associate of				
	_	ate, maintain, and troubleshoot building automation		Science Degree.				
		S) in commercial buildings, controlling Heating,						
		and Air Conditioning (HVAC) Systems, energy		*Program title				
		systems, as well as lighting, life safety, and security		update from				
		lents who complete this program can significantly in ation and energy consumption. To earn a Certificate		HVAC Automated				
		t complete: (1) all major course requirements with a		Environmental				
		; (2) have a minimum GPA of 2.0. At least 50% of a			Controls Certificate			
		work must be completed at Cypress College. This			*Catalog			
	certificate rec	uires a total of 41 units.			Description Update			
	Required com	rses are listed in suggested sequence (41 units):			*PLSOs Update			
	Tequired cour	ses are issed in suggested sequence (11 units).	Units		*Removed: AC/R			
	AC/R100 C	Principles of Thermodynamics and Heat Transfer	3		110 C, 115 C,135			
	AC/R105 C	Electricity for Air Conditioning and Refrigeration I	3		C			
	AC/R106 C	Electricity for Air Conditioning and Refrigeration II	3		*Add: AC/R 272			
	AC/R205 C	Commercial Air Conditioning	3		C, 273 C,137 C,			
	AC/R220 C	Introduction to Air Conditioning Controls	2		276 C, 277C, 215			
	AC/R272 C	Fundamentals of Direct Current Electricity	3		C, 275 C, 274 C,			
	AC/R273 C	Introduction to Personal Computer Hardware and	2		278 C, 279 C 280			
		Software			Total units from 21			
	AC/R137 C	Blueprints and Dimension Analysis	2		to 41.			
	AC/R276 C	Automation Hardware	2					
	AC/R277 C	Control Logic Programming	3					
	AC/R215 C	Codes and Commissioning	3					

	A C/P.275 C	C + N + 1	1 2	1	
	AC/R275 C	System Networking	3	-	
	AC/R274 C AC/R278 C	Instrumentation for Hydronic and Air Distribution Building Performance and Energy Auditing	2		
	AC/R278 C AC/R279 C	Building Automation Control Systems	2	-	
	AC/R279 C AC/R280 C	Automation Capstone Project	2		
	AC/R260 C	Automation Capstone Project			
	Total Units		41		
Air	Commercia	l Air Conditioning Certificate		2024	*PSLOs Update
Conditioning/Refrigeration		cial Air Conditioning Certificate provides students w		Fall	*Course title
		or attaining the communication skills, practical know			update: AC/R 110
		training necessary for pursuing a career in commerc			C
		onditioning. Students completing this certificate will lvanced understanding of commercial building air			Total units remain
		To earn this certificate, complete the required course	20.00		the same.
		grade of C or better. At least 50% of all major course			
		pleted at Cypress College. This certificate requires a		f	
	20 units.	71 8 1			
	Required cour	rses are listed in suggested sequence (20 units):			
	required cour	ses are nateum suggested sequence (20 units):	Units		
	AC/R100 C	Principles of Thermodynamics and Heat Transfer	3	:	
	AC/R110 C	Air Flow Design & Psychrometrics	2		
	AC/R120 C	Piping Practice, Tools and Safety	3	-	
	AC/R105 C	Electricity for Air Conditioning and Refrigeration I	3	1	
	AC/R115 C	Gas Heat Transfer Systems	3		
	AC/R106 C	Electricity for Air Conditioning and Refrigeration II	3		
	AC/R205 C	Commercial Air Conditioning	3		
		•	•		
	Total Units		20		
Air	HVAC Buil	ding Commissioning Certificate		2024	*Catalog
Conditioning/Refrigeration			Fall	Description Update	
		litioning Building Codes and Commissioning Certific		*Add PSLOs	
		ents with a career path for attaining the communicati		*Course title	
		al knowledge, and technical training necessary for pu	5	update: AC/R 110	
		ilding commissioning certification. Students complete will develop an advanced understanding of the buil		С	
		ng process. To earn this certificate, complete the requi		Total units remain	
		ted with a grade of C or better. At least 50% of all ma		the same.	
	course work r	must be completed at Cypress College. This certificat	te		
	requires a tota	al of 20 units.			
	Required cour	rses are listed in suggested sequence (20 units):			
			Units		
	AC/R100 C	Principles of Thermodynamics and Heat Transfer	3		
	AC/R110 C	Air Flow Design & Psychrometrics	2		
	AC/R120 C	Piping Practice, Tools and Safety	3		
	AC/R115 C	Gas Heat Transfer Systems	3		
	AC/R106 C	Electricity for Air Conditioning and Refrigeration II	3		
	AC/R205 C	Commercial Air Conditioning	3		
	AC/R215 C	Codes and Commissioning	3		
	Total Units		20	1	
Air	HVAC Cod	les and Estimating Certificate		2024	*Catalog
Conditioning/Refrigeration				Fall	Description Update
1	ı			1	*Add PSLOs

	with a career practical kno pursuing a ca Students cor understanding this certificated grade of C o	ditioning Estimating Certificate provides study path for attaining the communication skills, owledge, and technical training necessary for areer in application design and cost estimating application design and cost estimating of application design and cost estimating. The te, complete the required courses as listed with a better. At least 50% of all major course worked at Cypress College. This certificate requires	ced o earn n a		
	Required cour	ses are listed in suggested sequence (19 units):			
			Units		
	AC/R100 C	Principles of Thermodynamics and Heat Transfer	3		
	AC/R110 C	Air Flow Design & Psychrometrics	2		
	AC/R137 C	Blueprints and Dimension Analysis	2		
	AC/R115 C	Gas Heat Transfer Systems	3		
	AC/R135 C	Sustainability Design & Application	2		
	AC/R215 C	Codes and Commissioning	3		
	AC/R245 C	Load Calculations for Heating and Cooling	2		
	AC/R235 C	Air Conditioning Capstone	2		
	Total Units		19		
Air Conditioning/Refrigeration	Heat Pump	Certificate	20	024 *PSLOs I	Update
	attaining the communication skills, practical knowledge, and technical training necessary for pursuing a career in Heat Pump Technical  Servicing. Students completing this certificate will develop an advanced understanding of heat pump systems. To earn this certificate, complete the required courses as listed with a grade of C or better. At least 50% of all major course work must be completed at Cypress College. This certificate requires a total of 19 units.				ts remain
	Required courses are listed in suggested sequence (19 units):				
			Units		
	AC/R100 C	Principles of Thermodynamics and Heat Transfer	3		
	AC/R110 C	Air Flow Design & Psychrometrics	2		
	AC/R120 C	Piping Practice, Tools and Safety	3		
	AC/R036 C	Refrigerant Certification Training	1		
	AC/R105 C	Electricity for Air Conditioning and Refrigeration I	3		
	AC/R135 C	Sustainability Design & Application	2		
	AC/R106 C	Electricity for Air Conditioning and Refrigeration II	3		
	AC/R230 C	Heat Pumps	2		
	Total Units		19		
Health Science	Registered	Nursing Associate in Science Degree	20	024 Formattin	ng
	The program educates nursing students for patient/client services in a			all program	
	variety of health care settings. Clinical experience in hospitals and other			requireme	
	health care agencies is correlated with classroom instruction. At the			match wi	th
	satisfactory completion of all courses and the specified general			Catalog.	
		uirements, the individual will receive an Associate		*Catalog	
	Science degre	e and will be eligible for the National Licensing Ex	am	*Total un	
				from76-7	8 to 65

PREREQUISI	LEG	Units	
BIOL231 C	General Human Anatomy	Onits	
BIOL231 C	General Human Physiology		
BIOL220 C	Medical Microbiology		
ENGL100 C	College Writing	4	
	·	I .	
Other Major F	Requirements		
		Units	
COMM100 C	Human Communication		
PSY101 C	Introduction to Psychology		
SOC101 C	Introduction to Sociology		
SEMESTER I			
		Units	
NURS191 C	Pharmacology in Nursing I		
NURS192 C	Fundamentals of Nursing	4.	
NURS193 C	Introduction to Medical-Surgical/Gero Nursing	3.	
SEMESTER I	I		
AH ID CLOS C	DI 1 ' N' ' W	Units	
NURS195 C	Pharmacology in Nursing II	1	
NURS196 C NURS197 C	Medical-Surgical Nursing I  Maternal/Newborn Nursing	3.5	
NUKS19/ C	Maternal/Newborn Nursing	3.	
SEMESTER I	П		
		Units	
NURS291 C	Pharmacology in Nursing III		
NURS292 C	Medical-Surgical Nursing II		
NURS293 C	Mental Health Nursing	3.	
NURS294 C	Geriatric Nursing		
SEMESTER I	<u>v</u>	Units	
NURS295 C	Pharmacology in Nursing IV	0.	
NURS296 C	Child/Family Nursing	3.	
NURS297 C	Medical-Surgical Nursing III	3.	
NUK3297 C	Medical-Surgical Nursing III		
EDANCEED OF	CREDIT		
KANSFEK UF			

Department of Nursing. Transfer credit for equivalent general education courses required by the Department of Nursing will be granted if the

Any required course in the biological or social sciences listed below, completed over five years previous to the time the student applied to the program, must be repeated or the student may receive credit by challenge examination, or be evaluated on a individual basis.

course has been completed at an accredited college.

## Curriculum Meeting Agenda February 6, 2024

BIOL 231 C General Human Anatomy BIOL 241 C General Human Physiology		
BIOL 220 C Medical Microbiology		
Career Mobility Pathways		
	Units	S
19.5 units may be awarded for holders of a valid California Vocational Nursing license. Credits are posted to transcripts upocompletion of all other degree and graduation requirements. Students must provide a copy of their current California license with their degree application in order to be eligible for this credit LVN license, students get credit for: NURS 191C, 192C. 193C, 195C, 196C, 197C, 291C		
14.5 units may be awarded for holders of a valid California Psychiatric Technician license. Credits are posted to transcripts upon completion of all other degree and graduation requirement Students must provide a copy of their current California license with their degree application in order to be eligible for this credit PT license, students get credit for:  NURS 191C, 192C. 193C, 195C, 291C, 293C		
Total Units	65	5

		DELETE DEGREES/CERTIFICATES	3		
DEGREE				EFF DATE	JUSTIFICATION
Energy and Sustainable	Solar Ener	gy Certificate		2024 Fall	No student demand.
Technologies	Required cours	ses are listed in suggested sequence (18 units):			
C	_		Units		
	EST100 C	Renewable and Sustainable Energy	3		
	EST110 C	Climate Change & Global Responsibility	3		
	EST120 C	Energy Efficiency 1-Sustainable Building Science	3		
	EST130 C	Energy Efficiency 2-Sustainable Commercial Building Science	3		
	EST135 C	Solar Concentrators-Hot Water	3		
	AC/R105 C	Electricity for Air Conditioning and Refrigeration I	3		
	Total Units		18		
Energy and	Sustainability Certificate			2024	No student demand.
Sustainable Technologies	Required courses are listed in suggested sequence (17 units):			Fall	
C	-		Units		
	EST100 C	Renewable and Sustainable Energy	3		
	EST110 C	Climate Change & Global Responsibility	3		
	EST120 C	Energy Efficiency 1-Sustainable Building Science	3		
	EST130 C	Energy Efficiency 2-Sustainable Commercial Building Science	3		
	AC/R137 C	Blueprints and Dimension Analysis	2		
	AC/R135 C	Sustainability Design & Application	2		
	AC/R055 C	Technician Customer Relations	1		
	Total Units 17				