

2020-2021 Catalog Corrections

Issued May 2021

Page #	Correction/Change	Date
68	LTCCGE – Area 1B – Remove BSN 105	1/8/2021
69	CSUGE – Area B3 ‘Mathematical Concepts’ should be listed as #4	12/7/2020
106	MOA Administration Degree – Remove BSN 105 from B.2.	1/8/2021
126	MOA Administration Certificate – Remove BSN 105 from A.2.	1/8/2021
145	ART 240B – Needs to be listed in the ‘Painting Family’	2/9/2021
148	ART 210B – Prerequisite should be ART 201A (not ART 120A)	12/7/2020
156	Remove BSN 105 and BSN 118 from catalog	1/8/2021
159	BOT 122 – Units should be 4.5 (not 4)	2/24/2021
159	CHM 103 – Prerequisite should be CHM 102 (not CHM 101)	1/8/2021
164	CIS 106 – Remove “-MCSA: Windows 10” from catalog description	1/8/2021
165	CIS 107 – Remove “-MCSA: Windows Server 2016” from catalog description	1/8/2021
167	CIS 550, 551, 552, and 553 - Add ‘(NC)’ at the end of the course titles (these are noncredit courses)	1/29/2021
168	COU 125 – Impact of Substance Use (not Abuse) on Families	1/8/2021
187	EVS 110 – Verbiage needs to read “(through University of California Agriculture and Natural Resources)” no longer ‘through UC Davis Cooperative Extension’	1/8/2021
213	MUS 119A – Advisory should be ‘MUS 111 and MUS 116D...’ (not MUS 133A)	4/7/2021
215	PEA 101B – Lab should be 4.5 (not 4.25)	1/8/2021
230	Under ‘Physical Science’ Associate Degree – “A degree is offered in the field of Liberal Arts” (not in the field of Natural Science)	1/8/2021
242	SPA 220B – Change prerequisite to SPA 221A (was 220A, but 220A was inactivated)	3/2/2021
250	THE 117 Film Appreciation – Remove from catalog (THE 116 is Film Appreciation)	1/28/2021
254	WLD 117B – Lec/Lab/Units should be 1.5 – 5 – 3 (not 2 – 2.5 – 2.75)	1/8/2021
255	WLD 123B – Lec/Lab should be 2.5 – 1.5 (not 1.5 – 2.5) units are still 3	1/8/2021
258	WLD 129E – Alpine PSIA Level 1 Exam - This course should be listed in the 2020-21 catalog (and should have also been listed in the 2019-20 catalog)	2/1/2021
260	WLD 240 – Prerequisite should be ‘WLD 100...’ (not WLD 101)	2/10/2021
Page #	Clerical Fixes	
90	ETE Transfer Degree – B.3. “Music Appreciation” should be ‘Music Listening and Appreciation’	12/7/2020
90	ETE Transfer Degree – B.1. “ENG 101 Reading and Compositions” should be ‘ENG 101 Reading and Composition’ (no ‘s’ at end of Composition)	1/9/2021
139	HEA 108 – ‘This course is an <i>update</i> ’ (not updWte)	12/7/2020
153	BIO 101, 102, 103 – Insert “C-ID: BIO 135S = BIO 101 + BIO 102 + BIO 103” below Prerequisite	4/1/2021
160	CHM 221, 221L, 222, 222L, 223, 223L – Insert “C-ID: CHEM 160S = CHM221/221L + CHM222/222L + CHM223/223L” below Corequisite	2/27/2021
177	DMA 112 – Insert “C-ID: ARTS 250” below ‘Transfers to CSU’	2/4/2021
209	MAT 107 – Insert “C-ID: MATH 230 = MAT 107 + MAT 202” below other C-ID numbers	4/1/2021
209	MAT 110 – Insert “C-ID: MATH 151” below Prerequisite	4/1/2021
210	MAT 202 – Insert “C-ID: MATH 230 = MAT 107 + MAT 202” below Prerequisite	4/1/2021
232	POL 100 – Insert “C-ID: POLS 150” below ‘Transfers to CSU’	4/1/2021
234	PSY 109 - Insert “C-ID: PSY 180” below the Advisory	2/19/2021

HOSPITALITY MANAGEMENT - TRANSFER DEGREE

The Hospitality Management Associate in Science for Transfer (AS-T) degree through Lake Tahoe Community College (LTCC) will provide students with both the management theories and operational competencies necessary to enter any segment of the industry upon graduation. Students can take a variety of classes including an introduction to hospitality, food and beverage management, food sanitation and safety, cost control, financial accounting and microeconomics, basic food preparation, and business law. This program will prepare students for supervisory positions in the industry including but not limited to: Resort Operations and Management, Food Service Operations and Management, Hotel Operations and Management, Ski Resort Operations and Management, Gaming Resort Management, Golf Resort Management, Events Management, Sustainable Tourism, Outdoor Leadership and Recreation Management, Club Operations and Management

Program Learning Outcomes:

- *Demonstrate effective management practices in hospitality operations (hotel, food and beverage, gaming, summer and winter resorts, meetings, events).*
- *Analyze financial, marketing, and operational results and outcomes for hospitality operations.*
- *Manage and make informed business decisions within the hospitality industry.*
- *Identify career goals in the hospitality industry and effective strategies for achieving them.*
- *Identify major ongoing trends in customer behavior and service in the hospitality industry.*
- *Demonstrate an understanding of the varying responsibility levels across differing hospitality operations.*
- *Design a sustainable and equitable component that focuses on environmental issues and social justice in the hospitality industry.*
- *Work as a team member to achieve common goals/objectives.*

A. GENERAL EDUCATION REQUIREMENT

See pages 62-64 for details.

B. REQUIRED COURSES

29.5-32 units distributed as follows:

1. All courses from the following (4.5 units):

HSP 100 Introduction to Hospitality Management (4.5)

2. Select four courses (minimum 16 units)

CUL 102 Principles and Practices of Basic Food Preparation (4.5)

CUL 103A Chef Sanitation and Safety (3)

ECO 102 Principles of Micro Economics (4)

HSP 120 Hospitality Cost Control (4.5)

HSP 130 Introduction to Food and Beverage Management (4.5)

3. Select two courses (minimum 9 units):

BSN 101A Business Law: Introduction to Law and Business Transactions (5)

MAT 201 Elementary Statistics (5)

Any courses from B.2 not already used

C. ELECTIVE UNITS to bring the total to 90.

**University Transfer Option 1:
California State University General Education Certification (CSUGE)**

In alignment with Guided Pathways and the Chancellor’s Office Vision for Success, Lake Tahoe Community College is developing stackable Chancellor’s Office endorsed certificates scaffolding students' graduation requirements toward successful transfer and degree completion.

Program Learning Outcomes:

1. Read, write, speak, and listen to communicate effectively.
2. Perform quantitative analysis using appropriate resources.
3. Analyze information, reason critically and creatively, and formulate ideas logically.
4. Comprehend basic concepts in social and environmental justice and appreciate the diversity of the human experience.
5. Recognize ethical principles personally and professionally and behave responsibly.

Complete 60 quarter units of coursework to meet the Intersegmental General Education Transfer Curriculum *IGETC) Certification for the California State University (CSU) requirements as listed below. Students must have a minimum grade of “C” in Area A2 and a minimum grade of “C-” in Areas A1, A3, and B4.

Requirements:

Area A: Communication in the English Language and Critical Thinking

Required Core Courses: Minimum 12 units

Area A1: Oral Communication	4 units
Area A2: Written Communication	4 units
Area A3: Critical Thinking	4 units

Area B: Physical Universe and Its Life Forms

Required Core Courses: minimum 12 units. One course must be selected from each area, and one of these must be a lab course or have a lab component.

Area B1: Physical Universe	4 units
Area B2: Life Forms	4 units
Area B4: Mathematical Concepts	4 units

Area C: Arts, Literature, Philosophy and Foreign Languages

Required Core Courses: Complete 3 courses with a minimum of 12 units. At least one course must be selected from Arts and one from Humanities.

Area C1: Arts	4 units
Area C2: Humanities	4 units
Area C1 or C2	4 units

Area D: Social, Political, and Economic Institutions and Behavior; Historical Background

Required Core Courses: Complete 3 courses with a minimum of 12 units. Courses must be selected from at least 2 subjects.

Area D: Course 1	4 units
Area D: Course 2	4 units
Area D: Course 3	4 units

Area E: Lifelong Understanding and Self-Development:

Required Core Courses: Complete at least 4 units.

Area E: Course 1	4 units
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US History, Constitution, and American Ideals: CSU Graduation Requirement

Required Core Courses: 8 units

NOTE: Bolded courses in Areas C and D double count in this area only. (CSU Chico does not allow double counting of courses in Area D to meet this requirement, which is also known as AHANDI/CA State)

POL 101 and one course from HIS 111, 112, 113	8 units
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**CALIFORNIA STATE UNIVERSITY
GENERAL EDUCATION CURRICULUM 2020-2021**

The CSU system allows students to complete lower-division general education requirements by following the pattern below. Students must have a minimum grade of "C-" in Areas A1, A2, A3 and B4. Students must request general education certification from a counselor prior to transferring.

REQUIREMENTS
<p>AREA A - Communication in the English Language and Critical Thinking (minimum 12 units)</p> <p>1. Oral Communication (minimum 4 units) SPE 101, 104 2. Written Communication (minimum 4 units) ENG 101 3. Critical Thinking (minimum 4 units) ENG 102, 103; PHI 104</p>
<p>AREA B - Physical Universe and Its Life Forms (minimum 13 units) One lab course must be selected. Note: Lab courses are underlined in this section. 1. Physical Universe (minimum 4 units)</p> <p>1. Physical Universe (minimum 4 units) CHM 100, 101, 102, 103, 116, 117; GEG 101, 108, 113; GEL 101, 102, 103, 110 & 110L, 114; PHS 102, 111, 117; PHY 104, 105, 106, 107, 108, 207, 208</p> <p>2. Life Forms (minimum 4 units) ANT 103; BIO 101, 102, 103, 110, 111, 112, 115, 149, 201, 203, 204, 205, 210, 212; EVS 101 & 101L, 102, 103; PSY 210</p> <p>4. Mathematical Concepts (minimum 4 units) BSN 117; MAT 102, 103A, 103B, 104, 105, 106, 107, 109, 110, 118, 201, 202, 203, 204</p>
<p>AREA C - Arts, Literature, Philosophy and Foreign Languages 3 courses; with at least 1 from Arts and 1 from Humanities (minimum 12 units) 1. Arts (minimum 4 units)</p> <p>1. Arts (minimum 4 units) ART 101, 102, 103, 107, 111, 113, 114, 115, 116, 118, 119A, 141, 210A, 211, 212, 213, 214, 220A; COM 130 ENG 218; MUS 101, 104B; 104C, 104E, 104F; THE 101, 105A, 105E, 106A, 108A, 112A, 112B, 112C, 116</p> <p>2. Humanities (minimum 4 units) ANT 107, 112; ASL 101, 102, 103, 108, 201, 202, 203; ENG 102, 108, 113, 200, 201, 202, 205, 206, 212, 213, 214, 215, 216, 217, 221; ETH 202A, 202B, 202C; FRE 101, 102, 103; HIS 109, 110, 111, 112, 113, 127A, 127B, 127C; HUM 101, 102, 103, 105; JPN 101, 102, 103, 201, 202, 203; PHI 101, 205; REL 103, 107; SPA 101, 102, 103, 110, 201, 202, 203, 210, 211, 212, 220B</p>
<p>AREA D - Social, Political, and Economic Institutions and Behavior; Historical Background Courses must be selected from at least 2 subjects. (minimum 12 units)</p> <p>ANT 101, 102, 106, 107, 108, 112; BSN 100; COM 122, 125; CRJ 101; ECE 102,103; ECO 101, 102; ETH 202A, 202B, 202C; GEG102, 103,106 HIS 104, 105, 109, 110, 111, 112, 113, 127A, 127B, 127C; POL 100, 101, 107, 204, 206; PSY 101, 102, 103, 104, 107, 108, 109, 202, 211; REL 104; SOC 101, 102, 103, 104, 106, 107, 111, 114; SPE 102</p>

AREA E - Lifelong Understanding and Self-Development (minimum 4 units)

COU 108; ECE 100, 102; PEH 100, 101, 102; PET 100, 101, 102A, 104; PSY 101, 102, 103, 106, 107, 108, 109, 111, 113; SOC 102, 114

US History, Constitution and American Ideals

CSU Graduation Requirement (minimum 8 units)

Bolded courses in Areas C and D double count in this area only.

POL 101 and one of the following: HIS 111, 112, 113

University Transfer Option 2:

Intersegmental General Education Transfer Curriculum for Transfer to California State University (IGETC/CSU).

In alignment with Guided Pathways and the Chancellor’s Office Vision for Success, Lake Tahoe Community College is developing stackable Chancellor’s Office endorsed certificates scaffolding students' graduation requirements toward successful transfer and degree completion.

Program Learning Outcomes:

1. Read, write, speak, and listen to communicate effectively.
2. Perform quantitative analysis using appropriate resources.
3. Analyze information, reason critically and creatively, and formulate ideas logically.
4. Comprehend basic concepts in social and environmental justice and appreciate the diversity of the human experience.
5. Recognize ethical principles personally and professionally and behave responsibly.

Complete 57 quarter units of coursework to meet the Intersegmental General Education Transfer Curriculum *IGETC) Certification for the California State University (CSU) requirements as listed below.

Requirements:

Area 1: English Communication

Required Core Courses: Minimum 12 units

Area 1: Group A: English Composition	4 units
Area 1: Group B: Critical Thinking	4 units
Area 1: Group C: Oral Communication	4 units

Area 2: Mathematical Concepts and Quantitative Reasoning

Required Core Courses: minimum 4 units

Area 2: Math Mathematics and Quantitative Reasoning	4 units
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Area 3: Arts and Humanities

Required Core Courses: Complete 3 courses with a minimum of 12 units. At least one course must be selected from Arts and one from Humanities.

Area 3A: Arts	4 units
Area 3B: Humanities	4 units
Area 3A or 3B	4 units

Area 4: Social and Behavioral Sciences

Required Core Courses: Complete 3 courses with a minimum of 12 units. Must complete coursework in at least two disciplines.

Area 4: Course 1	4 units
Area 4: Course 2	4 units
Area 4: Course 3	4 units

Area 5: Physical and Biological Science:

Required Core Courses: Complete at least 2 courses with a minimum of 9 units. At least one from Physical Science and one from Biological Science; at least one course must include a laboratory component.

Area 5A: Physical Science	4 – 5 units
Area 5B: Biological Science	4 – 5 units

CSU Requirement in US History, Constitution, and American Ideals

Required Core Courses: 8 units

NOTE: Bolded courses in Area 3B and Area 4 double count in this area only.

POL 101 and one course from HIS 111, 112, 113	8 units
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**INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)
For Transfer to CSU
2020-2021**

Please consult with a counselor before planning your transfer curriculum. Students must request general education certification from the Transfer Center prior to transferring. All grades must be "C" or higher.

REQUIREMENTS
<p>AREA 1 - English Communication CSU: Completion of Group A, B and C - 3 courses</p> <p>Group A -English Composition (1 course, minimum 4 units)</p> <p>ENG 101</p> <p>Group B -Critical Thinking/English Composition (1 course, minimum 4 units)</p> <p>ENG 103</p> <p>Group C -Oral Communication (CSU requirement only; 1 course, 4 units)</p> <p>SPE 101, 104</p>
<p>AREA 2 - Mathematical Concepts and Quantitative Reasoning (1 course)</p> <p>MAT 103A, 103B, 105, 106, 107, 110, 118, 201, 202, 203, 204</p>
<p>AREA 3 - Arts and Humanities (at least 3 courses, minimum 12 units - with 1 from the Arts, 1 from Humanities)</p> <p>A. Arts (minimum 4 units)</p> <p>ART 101, 102, 103, 107, 141; ENG 218; MUS 101, 104B, 104C, 104E, 104F; THE 101, 105A, 112A, 112B, 112C, 116</p> <p>B. Humanities (minimum 4 units)</p> <p>ANT 107; ENG 102, 108, 113, 200, 201, 202, 205, 206, 212, 213, 214, 215, 216, 217, 221; ETH202A, 202B, 202C; HIS 109, 110, 111, 112, 113, 127A, 127B, 127C; HUM 101, 102, 103, 105; JPN 201, 202, 203; PHI 101, 205; REL 103, 107; ASL 108, 201, 202, 203; SPA 110, 201, 202, 203, 210, 211, 212, 220B</p>
<p>AREA 4 - Social and Behavioral Sciences (at least 3 courses, minimum 12 units, from at least 2 subjects)</p> <p>ANT 101, 102, 107, 108, 112; COM 122; CRJ 101; ECE 102; ECO 101, 102; ETH202A, 202B, 202C; GEG 102, 103, 106; HIS 104, 105, 109, 110, 111, 112, 113, 127A, 127B, 127C; POL 101, 107, 204, 206; PSY 101, 102, 103, 104, 107, 108, 109, 202, 210, 211; SOC 101, 102, 103, 104, 106, 107, 111, 114</p>
<p>AREA 5 - Physical and Biological Sciences (at least 2 courses, minimum 9 units; with 1 from Physical Science, 1 from Biological Science; at least 1 must include a lab)</p> <p>A. Physical Science</p> <p>CHM 100, 101, 102, 103, 116, 117; GEG 101, 113; GEL 101,102, 103, 110, 114; PHS 102, 111, 117; PHY 104, 105, 106, 107, 108, 207, 208</p> <p>B. Biological Science</p> <p>ANT 103; BIO 101, 102, 103, 110, 111, 112, 149, 201, 203, 204, 205, 210, 212; EVS 102, 103</p>
<p>CSU Requirement in U.S. History, Constitution and American Ideals (Not part of IGETC, may be completed prior to transfer, minimum 8 units) NOTE - Bolded courses in Areas 3B and 4 double count in this area only.</p> <p>POL 101 and one course from HIS 111, 112, 113</p>

University Transfer Option 3:**Intersegmental General Education Transfer Curriculum for Transfer to University of California (IGETC/UC).**

In alignment with Guided Pathways and the Chancellor's Office Vision for Success, Lake Tahoe Community College is developing stackable Chancellor's Office endorsed certificates scaffolding students' graduation requirements toward successful transfer and degree completion.

Program Learning Outcomes:

1. Read, write, speak, and listen to communicate effectively.
2. Perform quantitative analysis using appropriate resources.
3. Analyze information, reason critically and creatively, and formulate ideas logically.
4. Comprehend basic concepts in social and environmental justice and appreciate the diversity of the human experience.
5. Recognize ethical principles personally and professionally and behave responsibly.

Complete 50 quarter units of coursework to meet the Intersegmental General Education Transfer Curriculum (IGETC) Certification for the University of California (UC) requirements as listed below.

Requirements:**Area 1: English Communication**

Required Core Courses: Minimum 8 units

Area 1: Group A: English Composition	4 units
Area 1: Group B: Critical Thinking	4 units

Area 2: Mathematical Concepts and Quantitative Reasoning

Required Core Courses: minimum 4 units

Area 2: Math Mathematics and Quantitative Reasoning	4 units
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Area 3: Arts and Humanities

Required Core Courses: Complete 3 courses with a minimum of 12 units. At least one course must be selected from Arts and one from Humanities.

Area 3A: Arts	4 units
Area 3B: Humanities	4 units
Area 3A or 3B	4 units

Area 4: Social and Behavioral Sciences

Required Core Courses: Complete 3 courses with a minimum of 12 units. Must complete coursework in at least two disciplines.

Area 4: Course 1	4 units
Area 4: Course 2	4 units
Area 4: Course 3	4 units

Area 5: Physical and Biological Science:

Required Core Courses: Complete at least 2 courses with a minimum of 9 units. At least one from Physical Science and one from Biological Science; at least one course must include a laboratory component.

Area 5A: Physical Science	4 – 5 units
Area 5B: Biological Science	4 – 5 units

Area 6: Language other than English

Required Core Courses: 5 units

This requirements maybe fulfilled by completion of two years of foreign language in high school with a grade of C or better, or equivalent proficiency demonstrated by college courses for performance on tests, such as earning a minimum score of 550 on an appropriate College Board Achievement Test in a foreign language or a score of 3 or higher on the Foreign Language Advanced Placement Test. (Note: Course must be completed through the 102 level or higher in order to satisfy UC language requirement.)

ASL 102, FRE 102, JPN 102, or SPA 102	5 units
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**INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)
For Transfer to UC
2019-2020**

Please consult with a counselor before planning your transfer curriculum. Students must request general education certification from the Transfer Center prior to transferring. All grades must be "C" or higher.

REQUIREMENTS
<p>AREA 1 - English Communication UC: Completion of Group A and B - 2 courses</p> <p>Group A -English Composition (1 course, minimum 4 units) ENG 101</p> <p>Group B -Critical Thinking/English Composition (1 course, minimum 4 units) ENG 103</p>
<p>AREA 2 - Mathematical Concepts and Quantitative Reasoning (1 course) MAT 103A, 103B, 105, 106, 107, 110, 118, 201, 202, 203, 204</p>
<p>AREA 3 - Arts and Humanities (at least 3 courses, minimum 12 units - with 1 from the Arts, 1 from Humanities)</p> <p>A. Arts (minimum 4 units) ART 101, 102, 103, 107, 141; ENG 218; MUS 101, 104B, 104C, 104E, 104F; THE 101, 105A, 112A, 112B, 112C, 116</p> <p>B. Humanities (minimum 4 units) ANT 107; ENG 102, 108, 113, 200, 201, 202, 205, 206, 212, 213, 214, 215, 216, 217, 221; ETH202A, 202B, 202C; HIS 109, 110, 111, 112, 113, 127A, 127B, 127C; HUM 101, 102, 103, 105; JPN 201, 202, 203; PHI 101, 205; REL 103, 107; ASL 108, 201, 202, 203; SPA 110, 201, 202, 203, 210, 211, 212, 220B</p>
<p>AREA 4 - Social and Behavioral Sciences (at least 3 courses, minimum 12 units, from at least 2 subjects)</p> <p>ANT 101, 102, 107, 108, 112; COM 122; CRJ 101; ECE 102; ECO 101, 102; ETH202A, 202B, 202C; GEG 102, 103, 106; HIS 104, 105, 109, 110, 111, 112, 113, 127A, 127B, 127C; POL 101, 107, 204, 206; PSY 101, 102, 103, 104, 107, 108, 109, 202, 210, 211; SOC 101, 102, 103, 104, 106, 107, 111, 114</p>
<p>AREA 5 - Physical and Biological Sciences (at least 2 courses, minimum 9 units; with 1 from Physical Science, 1 from Biological Science; at least 1 must include a lab)</p> <p>A. Physical Science CHM 100, 101, 102, 103, 116, 117; GEG 101, 113; GEL 101,102, 103, 110, 114; PHS 102, 111, 117; PHY 104, 105, 106, 107, 108, 207, 208</p> <p>B. Biological Science ANT 103; BIO 101, 102, 103, 110, 111, 112, 149, 201, 203, 204, 205, 210, 212; EVS 102, 103</p>
<p>AREA 6 - Language other than English (UC requirement only). This requirement may be fulfilled by completion of two years of foreign language in high school with a grade of C or better, or equivalent proficiency demonstrated by college courses or performance on tests, such as earning a minimum score of 550 on an appropriate College Board Achievement Test in a foreign language or a score of 3 or higher on the Foreign Language Advanced Placement Test.</p>

California State University General Education “Golden Four” Certificate

In alignment with Guided Pathways and the Chancellor’s Office Vision for Success, Lake Tahoe Community College is developing stackable Chancellor’s Office endorsed certificates scaffolding students' graduation requirements toward successful transfer and degree completion.

The CSU “Golden Four” Certificate recognizes a student’s completion of the four core competencies that are required as part of the general education requirements for a degree at a CUS. The four competency areas are Oral Communication, Written Communication, Critical Thinking, and Mathematics/Quantitative Reasoning.

Program Learning Outcomes:

1. Read, write, speak, and listen to communicate effectively.
2. Perform quantitative analysis using appropriate resources.
3. Analyze information, reason critically and creatively, and formulate ideas logically.

Complete 16 quarter units of coursework to meet the General Education “Golden Four” Certificate for the California State University (CSU) requirements as listed below. Students must have a minimum grade of “C” in Area A2 and a minimum grade of “C-” in Areas A1, A3, and B4.

Requirements:

Area A: Communication in the English Language and Critical Thinking

Required Core Courses: Minimum 12 units

Area A1: Oral Communication: SPE 101, 104	4 units minimum
Area A2: Written Communication: ENG 101	4 units minimum
Area A3: Critical Thinking: ENG 102, 103; PHI 104	4 units minimum

Area B: Physical Universe and Its Life Forms

Required Core Courses: minimum 4 units

Area B4: Mathematical Concepts: BSN 117, MAT 102, 103A, 103B, 104, 105, 106, 107, 109, 110, 118, 201, 202, 203, 204	4 units minimum
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