



DEGREE

Bachelor of Science in Career and Technical Education

Total Credit Hours: 130-131

About Bachelor of Science in Career and Technical Education

The Bachelor of Science in Career and Technical Education (BS CTE) program aims to produce high-quality CTE educators who will possess technical expertise, pedagogical competencies and values to effectively teach 21st century skills, using culturally-responsive teaching, to diverse learners. The program conforms to the standards of the Association for Advancing Quality in Educator Preparation (AAQEP) and the National Board of Professional Teaching Standards (NBPTS-CTE). As designed, the program provides students with the necessary tools to seek employment in K-12, trade and technical schools, community colleges, and in industry or business environments. This program offers students the opportunity to articulate an Associate Degree in any career and technical education field of study to GCC's Bachelor of Science in CTE. It also prepares students for CTE teaching certification with the Guam Educator Commission for Certification.

Refer to the Advance CTE website for additional information on Career and Technical Education (www.careertech.org).

[REQUIREMENTS FOR DEGREE](#)

General Education Requirements English

Course #	Course Name	Credits
English (Choose 1)		
EN110A	Freshman Composition with Instructional Lab	4
EN110	Freshman Composition	3
Course Course Name Credits		
EN111	Writing for Research	3
EN300	Writing for Educators	3
Mathematics		
Course # Course Name Credits		
MA115 (or higher)	Fundamentals of College Algebra	3
MA151	Introductory Statistics	3
MA385	Applied Statistics	3
Literacy for Life Skills		
Course # Course Name Credits		
CO110	Critical Thinking for Civic Engagement	3
Humanities & Fine Arts		
Course # Course Name Credits		
ED265	Culture and Education in Guam	3
CO125	Introduction to Human Communication and Speech	3
General Education Requirements (Continued)		
Natural & Physical Sciences (Choose one course and the corresponding lab from the following to meet the required 4 credits) **		
Course # Course Name Credits		
SI101/101L	Introduction to Chemistry: Theory (3) & Introduction to Chemistry Laboratory (1)	4
SI103/103L	Introduction to Marine Biology: Theory (3) & Introduction to Marine Biology Laboratory (1)	
SI105/105L	Introduction to Physical Geology (3) & Introduction to Physical Geology Laboratory (1)	
SI110/110L	Environmental Biology: Theory (3) & Environmental Biology Laboratory (1)	
SI141	Applied Physics I	
SI 150/150L	Introduction to Microbiology: Theory (3) & Introduction to Microbiology Laboratory (1)	
SI131/131L	Human Anatomy & Physiology I: Theory (3) & Human Anatomy & Physiology I Laboratory (1)	
SI132/132L	Human Anatomy & Physiology II: Theory (3) & Human Anatomy & Physiology II Laboratory (1)	
**The exception to this would be SI141 which does not include a laboratory requirement		
Social & Behavioral Sciences		
Course # Course Name Credits		
PY120	General Psychology	3
PY325	Work Ethic in Career and Technical Fields	3
Minimum General Education Requirements		37-38
Major Requirements		
Course Course Name Credits		
	CTE Area of Study	40
ED150	Introduction to Teaching	3
ED220	Human Growth & Development	3
ED300	Principles of Adult Teaching & Learning	3
CTE299A	Praxis I Review Part A	2
CTE299B	Praxis I Review Part B	1
CTE300	Introduction to Teaching CTE	3
CTE310	CTE Methods of Teaching I: Planning and Preparation	3
CTE320	Classroom and CTE Laboratory Management	3
CTE330	Educational Technology	3
CTE340	CTE Methods of Teaching II: Instructional Delivery	3
CTE350	Assessment and Standards-Based Grading	3
CTE400	Program Management and Leadership	3

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CTE410	Methods of Teaching III: Project-Based Learning	3
CTE492	Student Teaching-CTE	12
CTE498	Praxis III Principles of Learning and Teaching	2
CTE499	Introduction to Action Research	3
Program Total		130-131

*For students holding an Associate's or a Bachelor's degree in a CTE field of study and have transferred in at least 52 college credits in their respective CTE field and some General Education requirements. Each student situation will differ.

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[GENERAL REQUIREMENTS FOR BACHELOR DEGREE](#)

Effective fall Semester 2003, several academic policy changes were implemented to ensure that students are adequately prepared to meet business and industry standards. All Undeclared or newly Declared Students enrolled in regularly scheduled postsecondary courses must be enrolled in or have completed EN110 Freshman Composition general education requirement by the time they have enrolled in 12 credits of classes. They must also enroll in or have completed MA110A Finite Mathematics (or higher) general education requirement by the time they have enrolled in 15 credits. This means that students may take only nine to eleven (9-11) credits before they must begin meeting the general education requirements. All declared students in the Bachelor's Degree program are required to successfully complete minimum standardized general education course requirements. For more information, refer to the Admissions Information and General Education Policy section of this catalog.

All candidates for a Bachelor's Degree at the College must meet the general requirements listed above. Course requirements may identify Prerequisite that must be completed with a passing grade. Prerequisite course credit is not counted as credit earned towards the program unless it is a Bachelor's Degree core course requirement.

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[SUGGESTED SEQUENCE OF COURSES](#)

Year 1			Semester 2		
Semester 1					
Course	Course Name	Credits	Course	Course Name	Credits
ED150	Introduction to Teaching	3	EN111	Writing for Research	3
MA115	College Algebra	3	MA151	Introduction to Statistics	3
CO110	Critical Thinking for Civic Engagement	3	CO125	Introduction to Human Communication and Speech	3
ED220	Human Growth and	3	PY120	General Psychology	3

ED265	Development Culture and Education in Guam	3	ED300	Principles of Adult Teaching & Learning	3
Total 15			Total 15		
SUMMER: CTE299A & CTE299B: Praxis IA & IB Course Review and Testing - 3 Credits					
Year 2					
Semester 3			Semester 4		
Course	Course Name	Credits	Course	Course Name	Credits
CTE300	Introduction to Teaching CTE	3	CTE340	CTE Methods of Teaching II: Instructional Delivery	3
CTE310	CTE Methods of Teaching I: Planning and Preparation	3	CTE350	Assessment and Standards-Based Grading	3
CTE320	Classroom and CTE Laboratory Management	3	CTE400	Program Management & Leadership	3
CTE330	Educational Technology	3	CTE410	Methods of Teaching III: Project-Based Learning	3
			PY325	Work Ethic in Career and Technical Fields	3
Total 12			Total 15		
SUMMER: CTE498: Praxis III Principles of Learning and Teaching - 2 Credits					
Year 3					

Semester 5			Semester 6		
Course	Course Name	Credits	Course	Course Name	Credits
CTE499	Introduction to Action Research	3	CTE492	Student Teaching-CTE	12
EN300	Writing for Educators	3			
MA385	Applied Statistics	3			
	Total	12		Total	12
Program Total			130-131		

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[Student Learning Outcomes](#)

Program Student Learning Outcomes (SLOs):

Upon successful completion of the BS in Career and Technical Education, students will be able to:

1. Create an engaging classroom environment aligned to the needs of diverse learners.
2. Plan, develop, and deliver curriculum that is based on rigorous and relevant expectations and culturally-relevant teaching methodology.
3. Integrate into instruction effective and research-based teaching and learning principles embedded with best assessment practices and use of technology.
4. Apply leadership and ethical principles in the implementation and management of CTE programs.

You may also be interested in these related Programs...



[1]

[Associate of Science in Supervision & Management](#) [1]

The Supervision and Management program prepares students for entry-level positions and employment in the field of supervision and management. The program is designed for students who want to learn, update and augment existing knowledge and skills and/or acquire cutting-edge technical and managerial skills; it is also designed for current and future leaders, supervisors, and managers who desire the latest skills to be effective and productive in their respective fields.

[+ More Info](#) [1]



[2]

[Certificate in Sign Language Interpreting](#) [2]

The Certificate in Sign Language Interpreting program is designed to prepare individuals who are pursuing a path in interpreting and becoming facilitators of communication for the Deaf. The program combines theoretical and practical learning experiences that will develop the students' linguistic knowledge and understanding of American Sign Language (ASL), as well as their awareness of Deaf culture.

[+ More Info](#) [2]



[3]

[Associate of Science in Early Childhood Education](#) [3]

Early childhood pertains to children age eight and below. Early childhood educators work in Head Start programs, childcare centers, family home care programs, elementary schools, social services programs, and health care services. These professionals plan and implement appropriate experiences for young children in areas such as language, health, movement, creativity, cognitive, self-concept and social behavior. They also supervise children's activities, care for their needs, keep records of their progress, and confer with parents and other professionals.

[+ More Info](#) [3]