

STEM

Science, Technology,
Engineering & Mathematics



**CENTRAL
TEXAS
COLLEGE®**



2023-2024

FOR STUDENTS OF THE **REAL WORLD**®

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SECTION ONE: INTRODUCTION

A. Welcome

Thank you for your interest in the STEM program. STEM provides great opportunities, significant financial savings and the opportunity to simultaneously earn a high school diploma and college degree. While in the STEM program, you will be placed on the Interdisciplinary Studies Associate of Arts degree plan. A degree plan is a list of courses and requirements a college student must successfully complete in order to graduate.

Because Texas has a common course-numbering system, credit is easily transferred between community colleges like CTC and four-year public institutions. You are encouraged to coordinate with the incoming institution to ensure the courses taken at CTC will fulfill the degree requirements there.

While in the STEM program, it is important to make a mental distinction between college requirements and high school requirements. College instructors expect students to spend a considerable amount of time outside of the classroom to complete class assignments, research and study. The instructor will explain concepts and methods, but you must dedicate the time needed to develop a thorough understanding of the topics covered in class. You and your parents should seriously discuss priorities before and during enrollment in the STEM program.

B. About Central Texas College

Central Texas College is a public, open-admission community college offering associate degrees and certificate programs in academic, professional and vocational/technical fields. CTC is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees and certificates of completion. The accreditation ensures quality of instruction, credit transferability and federal financial aid (Pell Grants).

C. Institutional Mission Statement

Central Texas College provides accessible and quality educational opportunities that support a diverse student population and promotes student success, completion and employability.

SECTION TWO: STEM

A. Definition of STEM

STEM is a program that provides students an opportunity to receive an associate degree and high school diploma simultaneously by taking a mixture of STEM focused college and high school courses.

B. Difference Between Early College High School and STEM

The difference between ECHS and STEM is that Early College High School students are at the Early College High School campus all day. STEM students have a mixture of courses at their home high school campus and a mixture of AM or PM courses at the Central Texas College campus. STEM students have the option of 30 hours course completion, 42 hours course completion or 60 hours associate degree completion.

C. Daily Schedule

AM students will begin their school day at the Central Texas College Campus and will depart for their high school campus by 1:30pm. PM students begin their school day at their high school campus and will arrive to the Central Texas College Campus by 1:30pm. Transportation is provided by KISD. At the end of the day, students should board buses or vehicles promptly, clearing the campus by 4:30pm.

D. Degree Plan

A degree plan is a list of courses and requirements that college students must successfully complete in order to receive their CTC degree. STEM students are placed on the Interdisciplinary Studies Associate of Arts degree plan with an emphasis in Human Biology, Organismal Biology, Chemistry, Environmental Science, Computer Science, Mathematics or Engineering.

Goal: Associate Degree in Interdisciplinary Studies

SCIENCE Interdisciplinary Studies - 60 STEM (Associates of Arts)

Name: _____ ID: _____

School: _____ Grade: _____ Circle ONE: CHS EHS HHHS KHS SHS

This high school plan should be reviewed each year with your parent(s) and with your counselor to ensure that you are taking the courses required for graduation. You may receive additional guidance on course selections and graduation plans from the KISD Course Selection Guide, the KISD Guide to the Future you receive from your counselor or you can check out www.killeenisd.org.

Endorsement:

STSC – STEM Science
MDAD – Multidisciplinary AP or IB or Dual Credit

Enter any H.S. courses taken in Middle School:

3382 ALGEBRA I (AL13/14/15)

GRADE 9:

Course Selected	Requirement	HS Credit	College Course (Credit)
1143 English I - Hnrs	English	1	
	Social Studies	1	
4723 Biology - Hnrs	Science	1	
3391 Algebra II - Hnrs	Mathematics	1	
3394 Geometry - Hnrs	Mathematics	1	
6130 PATH -DC	Dual Credit (DC)	1	EDUC 1100 (1)
	LOTE (Year 1)	1	

GRADE 10:

Course Selected	Requirement	HS Credit	College Course (Credit)
1161 English II - Hnrs	English	1	
4731 Chemistry - Hnrs	Science	1	
3564 MATH (College Algebra) -DC	Mathematics (DC)	1	MATH 1414 (4)
	Dual Credit (DC)	.5/1	Varies (See pg 2) (3)
	Dual Credit (DC)	5./1	Varies (See pg 2) (3)
	Dual Credit (DC)	.5/1	Varies (See pg 2) (3/4)
	PE or Athletics	1	
	LOTE (Year 2)	1	
	HS ELECTIVE	1	

GRADE 11:

Course Selected	Requirement	HS Credit	College Course (Credit)
1196 ENGL (Composition I and II) -DC	English (DC)	1	ENGL 1301/1302 (6)
5351 HIST (US History) -DC	Social Stu (DC)	1	HIST 1301/1302 (6)
	HS Science	1	
	HS Mathematics	1	
	Science (DC)	1	Varies (See pg 2) (8)
	Dual Credit (DC)	.5/1	Varies (See pg 2) (3/4)
	HS ELECTIVE	1	
	HS ELECTIVE	.5	

GRADE 12:

Course Selected	Requirement	HS Credit	College Course (Credit)
	English (DC)	.5	ENGL 2322/2327/2328 (3)
5347 GOVT (Federal Government) -DC	Social Studies (DC)	.5	GOVT 2305 (3)
5342 ECON (Principles of Macro Economics) -DC	Social Studies (DC)	.5	ECON 2301 (3)
	Science (DC)	1	Varies (See pg 2) (8)
	Dual Credit (DC)	.5	Varies (See pg 2) (3/4)
	Dual Credit (DC)	.5	Varies (See pg 2) (3/4)
	HS ELECTIVE	.5	
	HS ELECTIVE	1	
	HS ELECTIVE	1	
	HS ELECTIVE	1	

*has prerequisites see Course Selection Guide

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

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SCIENCE – INTERDISCIPLINARY STUDIES ASSOCIATES OF ART – STEM 60

(Algebra I prior to 9th grade)

9th Grade: Social Studies

5327 World History – Hnrs

5315 AP World History

9th Grade/10th Grade:

4213 Spanish I

4214 Spanish II

4200 French I

4201 French II

4204 German I

4205 German I

10th Grade: PE/Athletics

2831 Lifetime Fitness and Wellness (PE)

2832 Skill-Based Lifetime Activities

4051 JROTC

1837 Band I

(Go to Course Selection Guide for more)

10th Grade: Dual Credit (Must select 2)

6322 Communication App - DC (CTC SPCH 1315)

1338 Art Appreciation - DC (CTC HUMA 1315)

5455 Psychology - DC (CTC PSYC 2301)

10th Grade: Dual Credit

5455 Psychology - DC (CTC PSYC 2301)

5463 GOVT Special Topics - TX Govt (CTC GOVT 2306)

11th Grade: Science (H.S.)

4732 Physics - Hnrs

4833 AP Physics

11th Grade: Mathematics (H.S.)

3401 Pre-Calculus – Hnrs

3369 AP Statistics

7963 Statistical and Business Decision Making

7966 Engineering Math

3568 Advanced Quantitative Reasoning

11th and 12th Grade: Science (DC)

4831 BIOL Scientific Res & Des – Biol (CTC BIOL 1406/1407)

4832* CHEM Scientific Res & Des – Chem (CTC CHEM 1411*/1412*)

11th Grade: Dual Credit (DC) (.5 credit)

4838 Environmental Science SRD II (CTC ENVR 1401)

4839 Physical Geology SRD II (CTC GEOL 1403)

5455 General Psychology (CTC PSYC 2301)

5485 Psychology (CTC PSYC 2315)

5466 Psychology -Pre-Nursing (CTC PSYC 2314)

5456 Sociology (CTC SOCI 1301)

6322 Communication App DC (CTC SPCH 1315)

6595 Zoology SRD III (CTC BIOL 1413)

6596* Microbiology SRD II (CTC BIOL 2421)

6613 Botany SRD III (CTC BIOL 1411)

3562 College Pre-Calculus (CTC MATH 2412)

8933A Instruction Practice (DC) (CTC EDUC 1301)

8933B Instruction Practice (DC) (CTC EDUC 2301)

12th Grade: Dual Credit (DC) (.5 credit)

MUST SELECT TWO (2) Not previously selected.

3133 Computer Science I (CTC COSC 1301)

3570 Elementary Statistical Method -ISM (CTC MATH 1342)

4838 Environmental Science -SRD II (CTC ENVR 1401)

4839 Physical Geology - SRD II (CTC GEOL 1403)

5455 Psychology (DC) (CTC PSYC 2301)

5485 Psychology (DC) (CTC PSYC 2315)

5466 Psychology - Pre-Nursing (DC) (CTC PSYC 2314)

5456 Sociology (DC) (CTC SOCI 1301)

5463 Special Topics in SS TX Govt - DC (CTC GOVT 2306)

6322 Communication App - DC (CTC SPCH 1315)

6595 Zoology - SRD III (CTC BIOL 1413)

6613 Botany - SRD III (CTC BIOL 1411)

6596* Microbiology - SRD II (CTC BIOL 2421)

6606A Physics I - SRD I (CTC PHYS 1401)

6597 Organic Chemistry I (CTC CHEM 2423)

6598 Organic Chemistry II (CTC CHEM 2425)

+**) 5 bUnca mUbX D\ng]c[mifCTC BIOL 2401)

7665B Anatomy and Physiology (CTC BIOL 2402)

8990 Lifetime Nutrition (DC) (CTC BIOL 1322)

Milestones:

- **Algebra I** taken prior to 9th grade.
- **9th grade:**

Overall high school GPA 2.0 or higher and met the minimum of the TSIA2 test, exemptions, or waiver in reading / writing.

- **10th – 12th grade:**

Overall high school GPA 2.0 or higher and met the minimum qualifications of the TSIA2 test, exemptions or waiver in reading / writing and mathematics.

SCIENCE Interdisciplinary Studies – 60 STEM (Associates of Arts)

Name: _____ ID: _____

School: _____ Grade: _____ Circle ONE: CHS EHS HHHS KHS SHS

This high school plan should be reviewed each year with your parent(s) and with your counselor to ensure that you are taking the courses required for graduation. You may receive additional guidance on course selections and graduation plans from the KISD Course Selection Guide, the KISD Guide to the Future you receive from your counselor or you can check out www.killeenisd.org.

Endorsement:

STSC – STEM Science
MDAD – Multidisciplinary AP or IB or Dual Credit

Enter any H.S. courses taken in Middle School:

GRADE 9:

Course Selected	Requirement	HS Credit	College Course (Credit)
1143 English I - Hnrs	English	1	
	Social Studies	1	
4723 Biology - Hnrs	Science	1	
3382 Algebra I - Hnrs	Mathematics	1	
6130 PATH -DC	Dual Credit (DC)	1	EDUC 1100 (1)
	LOTE (Year 1)	1	
	PE / Athletics	1	

GRADE 10:

Course Selected	Requirement	HS Credit	College Course (Credit)
1161 English II - Hnrs	English	1	
4731 Chemistry - Hnrs	Science	1	
3391 Algebra II - Hnrs	Mathematics	1	
3394 Geometry - Hnrs	Mathematics	1	
6322 Communication App –DC (Counts as English Credit for STEM Endorsement)	English (DC)	.5	SPCH 1315 (3)
1338 Art Appreciation –DC (Counts as Fine Arts Credit)	Dual Credit (DC)	1	HUMA 1315 (3)
5463 Special Topics in Social Stu (Texas Government) -DC	Dual Credit (DC)	.5	GOVT 2306 (3)
	LOTE (Year 2)	1	
	HS ELECTIVE	.5	

GRADE 11:

Course Selected	Requirement	HS Credit	College Course (Credit)
1196 ENGL (Composition I and II) -DC	English (DC)	1	ENGL 1301/1302 (6)
5351 HIST (US History) -DC	Social Studies (DC)	1	HIST 1301/1302 (6)
	Science - HS	1	
3564 MATH (College Algebra)	Mathematics (DC)	1	MATH 1414 (4)
5342 ECON (Principles of Macro Economics) -DC	Social Studies (DC)	.5	ECON 2301 (3)
	Science (DC)	1	Varies (See pg 2) (8)
	HS ELECTIVE	.5	
	HS ELECTIVE	1	

GRADE 12:

Course Selected	Requirement	HS Credit	College Course (Credit)
	English (DC)	.5	ENGL 2322/2327/2328 (3)
5347 GOVT (Federal Government) -DC	Social Studies (DC)	.5	GOVT 2305 (3)
	Mathematics - HS	1	
	Science (DC)	1	Varies (See pg 2) (8)
	Dual Credit (DC)	.5/1	Varies (See pg 2) (3/4)
	Dual Credit (DC)	.5/1	Varies (See pg 2) (3/4)
	HS ELECTIVE	1	
	HS ELECTIVE	1	
	HS ELECTIVE	1	
*has prerequisite see Course Selection Guide			

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

PAGE 2:

SCIENCE - INTERDISCIPLINARY STUDIES
ASSOCIATES OF ART - STEM 60

9th Grade: Social Studies

5327 World History - Hnrs
5315 AP World History

9th Grade/10th Grade:

4213 Spanish I
4214 Spanish II
4200 French I
4201 French II
4204 German I
4205 German I

10th Grade: PE/Athletics

2831 Lifetime Fitness and Wellness (PE)
2832 Skill-Based Lifetime Activities
4051 JROTC
1837 Band I

(Go to Course Selection Guide for more)

11th Grade: Science (H.S.)

4732 Physics - Hnrs
4833 AP Physics

11th Grade: Science (DC)

4831 BIOL (Scientific Res & Des - Bio) (CTC BIOL 1406/1407)
4832* CHEM (Scientific Res & Des - Chem) (CTC CHEM 1411*/1412*)

12th Grade: English (DC)

1190A ENGL (British Literature I) DC- (CTC ENGL 2322)
1342 ENGL (Ind St Eng-American Lit I) DC (CTC ENGL 2327)
1343 ENGL (Ind St Eng-American Lit II) DC (CTC ENGL 2328)

12th Grade: Mathematics (H.S.)

3401 Pre-Calculus - Hnrs
3369 AP Statistics
7963 Statistical and Business Decision Making
7966 Engineering Math
3568 Advanced Quantitative Reasoning

12th Grade: Science (DC)

4831 BIOL Scientific Res & Des - Bio (CTC BIOL 1406/1407)
4832* CHEM Scientific Res & Des - Chem
(CTC CHEM 1411* /CHEM 1412*)
6613/6595 Botany/Zoology (CTC BIOL 1411/BIOL 1413)
4838/4839 Environmental Sci/Physical Geology
(CTC ENVR 1401/GEOL 1403)
7665 Anatomy and Physiology
(CTC BIOL 2401/BIOL 2402)

12th Grade: Dual Credit (DC) (.5 credit)
MUST SELECT TWO (2) Not previously selected.

3133 Computer Science I (CTC COSC 1301)
3562 MATH (College Pre-Calculus) (CTC MATH 2412)
3570 Elem Statistical Methods -ISM - (CTC MATH 1342)
4838 Environmental Science -SRD II (CTC ENVR 1401)
4839 Physical Geology - SRD II (CTC GEOL 1403)
5455 Psychology DC (CTC PSYC 2301)
5485 Psychology DC (CTC PSYC 2315)
5466 Psychology - Pre-Nursing DC (CTC PSYC 2314)
5456 Sociology DC (CTC SOCI 1301)
6595 Zoology - SRD III (CTC BIOL 1413)
6613 Botany - SRD III (CTC BIOL 1411)
6596* Microbiology - SRD II (CTC BIOL 2421)
6606A Physics I - SRD I (CTC PHYS 1401)
6597 Organic Chemistry I (CTC CHEM 2423)
6598 Organic Chemistry II (CTC CHEM 2425)
8990 Lifetime Nutrition DC (CTC BIOL 1322)
8933A Instruction Practice DC (CTC EDUC 1301)
8933B Instruction Practice DC (CTC EDUC 2301)

Milestones:

• **9th grade:**

Overall high school GPA 2.0 or higher and met the minimum of the TSIA2 test, exemptions, or waiver in reading / writing.

• **10th - 12th grade:**

Overall high school GPA 2.0 or higher and met the minimum qualifications of the TSIA2 test, exemptions or waiver in reading / writing and mathematics.

ENGINEERING - Interdisciplinary Studies – 60 STEM (Associates of Arts)

Name: _____ ID: _____

School: _____ Grade: _____ Circle ONE: CHS EHS HHHS KHS SHS

This high school plan should be reviewed each year with your parent(s) and with your counselor to ensure that you are taking the courses required for graduation. You may receive additional guidance on course selections and graduation plans from the KISD Course Selection Guide, the KISD Guide to the Future you receive from your counselor or you can check out www.killeenisd.org.

Endorsement:

STMA – STEM Mathematics
MDAD – Multidisciplinary AP or IB or Dual Credit

Enter any H.S. courses taken in Middle School:

GRADE 9:

Course Selected	Requirement	HS Credit	College Course (Credit)
1143 English I - Hnrs	English	1	
	Social Studies	1	
4723 Biology - Hnrs	Science	1	
3391 Algebra II - Hnrs	Mathematics	1	
3394 Geometry - Hnrs	Mathematics	1	
6130 PATH –DC	Dual Credit (DC)	1	EDUC 1100 (1)
	LOTE (Year 1)	1	

GRADE 10:

Course Selected	Requirement	HS Credit	College Course (Credit)
1161 English II - Hnrs	English	1	
4731 Chemistry - Hnrs	Science	1	
3564 MATH (College Algebra) –DC	Mathematics (DC)	1	MATH 1414 (4)
3562* MATH (College Pre-Calculus) –DC *has prerequisite	Mathematics (DC)	.5	MATH 2412* (4)
1338 Art Appreciation –DC (Counts as Fine Arts Credit)	Dual Credit (DC)	1	HUMA 1315 (3)
	LOTE (Year 2)	1	
	PE or Athletics	1	
5463 Special Topic: Texas Government –DC	Dual Credit (DC)	.5	GOVT 2306 (3)
	HS ELECTIVE	1	

GRADE 11:

Course Selected	Requirement	HS Credit	College Course (Credit)
1196 ENGL (Composition I and II) -DC	English (DC)	1	ENGL 1301/1302 (6)
5351 HIST (US History) -DC	Social Stu (DC)	1	HIST 1301/1302 (6)
3577* MATH (ISM II - Calculus I) –DC *has prerequisite	Mathematics (DC)	.5	MATH 2413* (3)
6584* SRD I - Intro to Engineering –DC *has prerequisite	Dual Credit (DC)	.5	ENGR 1201* (2)
3578* MATH (ISM II - Calculus II) –DC *has prerequisite	Mathematics (DC)	.5	MATH 2414* (4)
6322 Comm. Application-DC (English Credit for STEM Endorsement)	Dual Credit (DC)	.5	SPCH 1315 (3)
	Science - HS	1	
	HS ELECTIVE	1	
	HS ELECTIVE	1	

GRADE 12:

Course Selected	Requirement	HS Credit	College Course (Credit)
	English (DC)	.5	ENGL 2322/2327/2328 (3)
4831 BIOL (SRD Biology I and II) –DC	Science (DC)	1	BIOL 1406/1407 (8)
5347 GOVT (Federal Government) -DC	Social Stu (DC)	.5	GOVT 2305 (3)
5342 ECON (Principles of Macro Economics) -DC	Social Stu (DC)	.5	ECON 2301 (3)
6585* Engineering Mechanics-Stats) DC *has prerequisite	Dual Credit (DC)	.5	ENGR 2301* (3)
3579 MATH (ISM II - Calculus III) - DC *has prerequisite	Mathematics (DC)	.5	MATH 2415* (4)
	HS ELECTIVE	1	
	HS ELECTIVE	1	
	HS ELECTIVE	1	
	HS ELECTIVE	.5	

*has prerequisite see Course Selection Guide

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

PAGE 2:

**ENGINEERING - INTERDISCIPLINARY
STUDIES (ASSOCIATES OF ARTS)
- STEM 60**

9th Grade: Social Studies

5327 World History - Hnrs
5315 AP World History

9th Grade/10th Grade:

4213 Spanish I
4214 Spanish II
4200 French I
4201 French II
4204 German I
4205 German II

10th Grade: PE/Athletics

2831 Lifetime Fitness and Wellness (PE)
2832 Skill-Based Lifetime Activities
4051 JROTC
1837 Band I
(Go to Course Selection Guide for more)

11th Grade: Science (H.S)

4732 Physics - Hnrs
4833 AP Physics
7884 Principles of Technology

12th Grade: English (DC)

1190A ENGL (British Literature I) - DC (CTC ENGL 2322)
1342 ENGL (Ind St Eng-American Lit I) DC (CTC 2327)
1343 ENGL (Ind St Eng-American Lit II) DC (CTC 2328)

Milestones:

Algebra I taken prior to 9th grade.

9th grade:

Overall high school GPA 2.0 or higher.

10th grade:

Overall high school GPA 2.0 or higher and met the minimum of the TSIA2 test, exemptions, or waiver in mathematics.

10th - 12th grade:

Overall high school GPA 2.0 or higher and met the minimum qualifications of the TSIA2 test, exemptions or waiver in mathematics, reading / writing.

Overall college GPA 2.0 or higher and a grade of "C" or higher in College Algebra.

For H.S. Electives:

Go to the Course Selection Guide

MATHEMATICS - Interdisciplinary Studies – 60 STEM (Associates of Arts)

Name: _____ ID: _____

School: _____ Grade: _____ Circle ONE: CHS EHS HHHS KHS SHS

This high school plan should be reviewed each year with your parent(s) and with your counselor to ensure that you are taking the courses required for graduation. You may receive additional guidance on course selections and graduation plans from the KISD Course Selection Guide, the KISD Guide to the Future you receive from your counselor or you can check out www.killeenisd.org.

Endorsement:

STMA – STEM Mathematics
MDAD – Multidisciplinary AP or IB or Dual Credit

Enter any H.S. courses taken in Middle School:

GRADE 9:

Course Selected	Requirement	HS Credit	College Course (Credit)
1143 English I - Hnrs	English	1	
	Social Studies	1	
4723 Biology - Hnrs	Science	1	
3391 Algebra II - Hnrs	Mathematics	1	
3394 Geometry - Hnrs	Mathematics	1	
6130 PATH –DC	Dual Credit (DC)	1	EDUC 1100 (1)
	LOTE (Year 1)	1	

GRADE 10:

Course Selected	Requirement	HS Credit	College Course (Credit)
1161 English II - Hnrs	English	1	
4731 Chemistry - Hnrs	Science	1	
3564 MATH (College Algebra) –DC	Mathematics (DC)	1	MATH 1414 (4)
3562* MATH (College Pre-Calculus) –DC *has prerequisite	Mathematics (DC)	.5	MATH 2412* (4)
	PE or Athletics	1	
	LOTE (Year 2)	1	
	HS ELECTIVE	1	
	HS ELECTIVE	1	

GRADE 11:

Course Selected	Requirement	HS Credit	College Course (Credit)
1196 ENGL (Composition I and II) - DC	English (DC)	1	ENGL 1301/1302 (6)
5351 HIST (US History) -DC	Social Stu (DC)	1	HIST 1301/1302 (6)
3577* MATH (ISM II - Calculus I) –DC *has prerequisite	Mathematics (DC)	.5	MATH 2413* (4)
3578* MATH (ISM II - Calculus II) –DC *has prerequisite	Mathematics (DC)	.5	MATH 2414* (4)
1338 Art Appreciation –DC (Counts as Fine Arts Credit)	Dual Credit (DC)	1	HUMA 1315 (3)
6322 Comm. Application-DC (Counts as English Credit for STEM Endorsement)	Dual Credit (DC)	.5	SPCH 1315 (3)
	Science - HS	1	
	HS ELECTIVE	1	
	HS ELECTIVE	1	

GRADE 12:

Course Selected	Requirement	HS Credit	College Course (Credit)
	English (DC)	.5	ENGL 2322/2327/2328 (3)
	Science (DC)	1	(Varies - See pg 2) (8)
5347 GOVT (Federal Government) -DC	Social Stu (DC)	.5	GOVT 2305 (3)
5342 ECON (Principles of Macro Economics) -DC	Social Stu (DC)	.5	ECON 2301 (3)
5463 Special Topic: Texas Government –DC	Dual Credit (DC)	.5	GOVT 2306 (3)
3579 MATH (ISM III - Calculus III) -DC *has prerequisite	Mathematics (DC)	.5	MATH 2415* (4)
3582 MATH (ISM III - Differential Equations) -DC	Mathematics (DC)	.5	MATH 2320 (3)
	HS ELECTIVE	1	
	HS ELECTIVE	1	
	HS ELECTIVE	1	

*has prerequisite see Course Selection Guide

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

PAGE 2:

**MATHEMATICS - INTERDISCIPLINARY
STUDIES (ASSOCIATES OF ARTS)
- STEM 60**

9th Grade: Social Studies

5327 World History - Hnrs

5315 AP World History

9th Grade/10th Grade:

4213 Spanish I

4214 Spanish II

4200 French I

4201 French II

4204 German I

4205 German II

10th Grade: PE/Athletics

2831 Lifetime Fitness and Wellness (PE)

2832 Skill-Based Lifetime Activities (PE)

4051 JROTC

1837 Band I

(Go to Course Selection Guide for more)

11th Grade: Science (H.S.)

4732 Physics - Hnrs

4833 AP Physics

7884 Principles of Technology

12th Grade: English (DC)

1190A ENGL (British Literature I) - DC (CTC ENGL 2322)

1342 ENGL (Ind St Eng-American Lit I) DC (CTC 2327)

1343 ENGL (Ind St Eng-American Lit II) DC (CTC 2328)

12th Grade: Science (DC)

4831 BIOL (SRD Biology I and II) (CTC BIOL 1406/1407)

4837 BIOL (Non-Science Majors) (CTC BIOL 1408/1409)

Milestones:

Algebra I taken prior to 9th grade.

9th grade:

Overall high school GPA 2.0 or higher.

10th grade:

Overall high school GPA 2.0 or higher and met the minimum of the TSIA2 test, exemptions, or waiver in mathematics.

10th - 12th grade:

Overall high school GPA 2.0 or higher and met the minimum qualifications of the TSIA2 test, exemptions or waiver in mathematics, reading / writing.

Overall college GPA 2.0 or higher and a grade of "C" or higher in College Algebra.

For H.S. Electives:

Go to the Course Selection Guide

TECHNOLOGY - Interdisciplinary Studies – 60 STEM (Associates of Arts)

Name: _____ ID: _____

School: _____ Grade: _____ Circle ONE: CHS EHS HHHS KHS SHS

This high school plan should be reviewed each year with your parent(s) and with your counselor to ensure that you are taking the courses required for graduation. You may receive additional guidance on course selections and graduation plans from the KISD Course Selection Guide, the KISD Guide to the Future you receive from your counselor or you can check out www.killeenisd.org.

Endorsement:

STMA – STEM Mathematics
MDAD – Multidisciplinary AP or IB or Dual Credit

Enter any H.S. courses taken in Middle School:

GRADE 9:

Course Selected	Requirement	HS Credit	College Course (Credit)
1143 English I - Hnrs	English	1	
	Social Studies	1	
4723 Biology - Hnrs	Science	1	
3391 Algebra II - Hnrs	Mathematics	1	
	PE or Athletics	1	
6130 PATH –DC	Dual Credit (DC)	1	EDUC 1100 (1)
	LOTE (Year 1)	1	

GRADE 10:

Course Selected	Requirement	HS Credit	College Course (Credit)
1161 English II - Hnrs	English	1	
4731 Chemistry - Hnrs	Science	1	
3394 Geometry - Hnrs	Mathematics	1	
6322 Communication Application -DC (Counts as English Credit for STEM Endorsement)	Dual Credit (DC)	.5	SPCH 1315 (3)
1338 Art Appreciation –DC (Counts as Fine Arts Credit)	Dual Credit (DC)	1	HUMA 1315 (3)
3133 COSC (Intro to Computer Science) -DC	Dual Credit (DC)	.5	COSC 1301 (3)
3134 COSC (Intro to Computer Programming) - DC	Dual Credit (DC)	.5	COSC 1315 (3)
	LOTE (Year 2)	1	
	HS ELECTIVE	1	

GRADE 11:

Course Selected	Requirement	HS Credit	College Course (Credit)
1196 ENGL (Composition I and II) -DC	English (DC)	1	ENGL 1301/1302 (6)
5351 HIST (US History) -DC	Social Stu (DC)	1	HIST 1301/1302 (6)
3564 MATH (College Algebra) - DC	Mathematics (DC)	1	MATH 1414 (4)
5463 Special Topics: Texas Government –DC	Dual Credit (DC)	.5	GOVT 2306 (3)
3138 COSC (Programming Fundamentals I) –DC	Dual Credit (DC)	.5	COSC 1336 (3)
3139 COSC (Programming Fundamentals II) -DC	Dual Credit (DC)	.5	COSC 1337 (3)
	Science - HS	1	
	HS ELECTIVE	1	
	HS ELECTIVE	1	

GRADE 12:

Course Selected	Requirement	HS Credit	College Course (Credit)
	English (DC)	.5	ENGL 2322/2327/2328 (3)
	Science (DC)	1	(Varies-See pg 2) (8)
5347 GOVT (Federal Government) -DC	Social Stu (DC)	.5	GOVT 2305 (3)
5342 ECON (Principles of Macro Economics) -DC	Social Stu (DC)	.5	ECON 2301 (3)
	Mathematics - HS	1	
	Dual Credit (DC)	.5	(Varies-See pg 2) (3/4)
	Dual Credit (DC)	.5	(Varies-See pg 2) (3/4)
	HS ELECTIVE	.5	
	HS ELECTIVE	1	
	HS ELECTIVE	1	

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

PAGE 2:

**TECHNOLOGY - INTERDISCIPLINARY
STUDIES (ASSOCIATES OF ARTS)
- STEM 60**

9th Grade: Social Studies

5327 World History - Hnrs
5315 AP World History

9th Grade: PE/Athletics

2831 Lifetime Fitness and Wellness (PE)
2832 Skill-Based Lifetime Activities
4051 JROTC
1837 Band I
(Go to Course Selection Guide for more choices)

9th Grade/10th Grade:

4213 Spanish I
4214 Spanish II
4200 French I
4201 French II
4204 German I
4205 German II

11th Grade: Science (H.S.)

4732 Physics - Hnrs
4833 AP Physics
7884 Principles of Technology

12th Grade: English (DC)

1190A ENGL (British Literature I) - DC (CTC ENGL 2322)
1342 ENGL (Ind St Eng-American Lit I) DC (CTC 2327)
1343 ENGL (Ind St Eng-American Lit II) DC (CTC 2328)

12th Grade: Mathematics (H.S.)

3401 Pre-Calculus - Hnrs
3369 AP Statistics
7963 Statistical and Business Decision Making
7966 Engineering Math
3568 Advanced Quantitative Reasoning

12TH Grade: Dual Credit (DC) Science (1 credit)

4831 Scientific Research & Design (BIOL 1406/BIOL 1407)
4837 Scientific Research & Design (BIOL 1408/BIOL 1409)

12th Grade: Dual Credit (DC) (.5 credit)

3140 Computer Organization (CTC COSC 2325)
3141 Programming Fundamentals III (CTC COSC 2336)
3133 Computer Science I (CTC COSC 1301)
3135 Fundamental of Computer Science (CTC BCIS 1305)
3562* College Pre-Calculus (CTC MATH 2412*)
3570 Elem. Stats Methods (CTC MATH 1342)
4838 Environmental Science-SRD II (CTC ENVR 1401)
4839 Physical Geology - SRD II (CTC GEOL 1403)
5455 General Psychology DC (CTC PSYC 2301)
5485 Psychology DC (CTC PSYC 2315)
5456 Sociology DC (CTC SOCI 1301)
6595 Zoology - SRD III (CTC BIOL 1413)
6613 Botany - SRD III (CTC BIOL 1411)

Milestones:

- **Algebra I taken prior to 9th grade.**

- **9th grade:**

Overall high school GPA 2.0 or higher.

- **10th grade:**

Overall high school GPA 2.0 or higher.

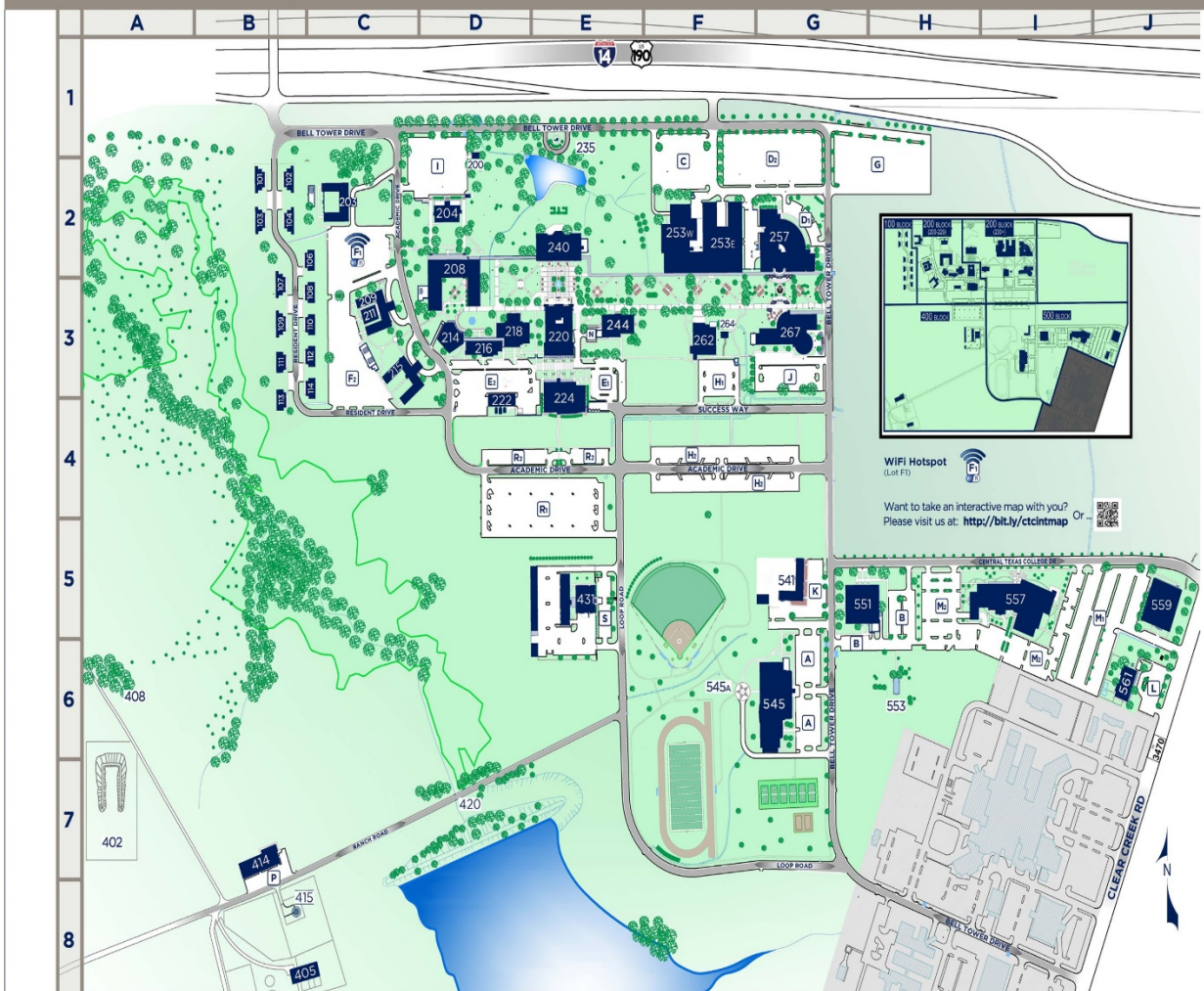
Overall college GPA 2.0 or higher in Computer Science (COSC 1301 and COSC 1305)

- **10th - 12th grade:**

Overall high school GPA 2.0 or higher and met the minimum qualifications of the TSIA2 test, exemptions or waiver in reading / writing and mathematics. Overall college GPA 2.0 or higher.



CAMPUS DIRECTORY



No.	Location	Grid	No.	Location	Grid	No.	Location	Grid	No.	Location	Grid
209	Academic Advising	C3	253e	Career Center	F2	553	Greenhouse	H6	209	Registration	C3
208	Academic Building	D3	561	Child Development Center	J6	557	Human Resources	I5	220	Roy J. Smith Student Center	E3
220	Academic Studio Tutoring	E3	559	Clear Creek Building	J5	218	Lady Bird Johnson Fine Arts Center	D3	257	Science Center	G2
204	Administration Building	D2	214	Computer Science Building	D3	267	Mayborn Science Theater	G3	414	Shipping & Receiving	B7
551	Administrative Computer Center	G5	559	Continuing Education	J5	216	Mayborn Telecommunications	D3	244	Shoemaker Center	E3
209	Admissions	C3	215	Disability Support Services	C3	203	Morton Residence Hall	C2	253e	Sid M. Wieser CATE Center East	F2
551	Adult Education	H5	262	Eagle Hall	F3	557	Nursing & Allied Health	I5	253w	Sid M. Wieser CATE Center West	F2
224	Anderson Campus Center	E3	420	Eagle Nature Trail Hiking	D7	240	Oveta Culp Hobby Library	E2	220	Student Life Recreation Hall	E3
545a	Athletic Fields & Jog Path	F6	209	Enrollment Center	C3	545	Physical Education Center	D3	264	Student & Employee Asst Pgm/SARC	F3
235	Bell Tower & Duck Pond	E2	431	Facilities Management	E5	222	Power Plant	D4	215	Student Services Building	C3
224	Bookstore	E3	405	Farm & Ranch Management	B8	211	Police Department	C3	215	Veterans' Services	C3
209	Business Office	C3	215	Financial Aid	C3	541	Protective Services	G5			
224	Cafeteria	E3	402	Firing Range	A7	557	Purchasing	I5			

YOU ARE HERE

SECTION THREE: CONTACT PAGE

A. KISD Staff Directory

Dr. Cynthia Hodges 254-336-7836

STEM Academy Director

Killeen Independent School District

Cynthia.Hodges@killeenisd.org

Ramona Bellard

CTC Dual Enrollment Program Liaison

254-336-0570

Killeen Independent School District

Ramona.Bellard@killeenisd.org

Nancy Patterson

Chief College, Career and Military Readiness Officer

254-336-3804

Killeen Independent School District

Nancy.Patterson@killeenisd.org

You may also contact your high school's designated STEM point of contact with any questions or concerns

B. CTC Staff Directory

Turner, Tonia
STEM Coordinator
Dual Credit Programs
TTurner2@ctcd.edu
254-616-3370

Hess, Verne
STEM Clerk II
Dual Credit Programs
POC for KHS, EHS
Verne.Hess@ctcd.edu
254-616-3381

Rivera, Raquel
Office Assistant II
Dual Credit Programs
POC for HHHS, SHS & CHS
Raquel.Rivera@ctcd.edu
254-616-3416

Deal, Janill
Associate Dean
Dual Credit Programs
Janill.Deal@ctcd.edu
254-526-1566

STUDENT SECTION ONE: ADMISSION & REGISTRATION

A. CTC Application and Registration Process

1. Upon ISD acceptance into the program, you will be contacted by a KISD representative to begin CTC's admission and registration process. The admission and registration process includes:
 - Completing and submitting a CTC online Application for Admission (required only for initial course or one academic year lapse in enrollment). To access the online application, please visit www.ctcd.edu. Next, select the red box located at the top right corner of the page that says "Apply Now".

FACULTY & STAFF | ALUMNI NETWORK | STUDENT TOOLS ▾ |

Apply Now

Request Info

Help Center

- You may need to complete a Student Consent for Release Information.
- You will need to submit official test scores verifying Texas Success Initiative (TSI) requirements have been met, as needed (see section D). Please work with your school counselor to obtain your scores.
- You will need to submit a Dual Credit/Early Admissions Advising and Registration Form (submit each semester or with each new enrollment request).

All forms are available on the CTC website and in your high school guidance counselor's office.

- If applicant does not indicate parent or legal guardian's Home of Record is Texas but claims Texas residency (parent or legal guardian) CTC may require additional documents.
- Submit all completed forms to your high school counselor.

B. Texas Success Initiative

The Texas Success Initiative (TSI) is a state requirement for all Texas institutions of higher education. TSI requires students to be assessed in reading, writing and math skills prior to enrolling in most college classes unless the student is TSI exempt or TSI waived. TSI uses assessment, advising and remediation to ensure that students have the skills to be successful in freshman academic coursework. The TSI is applicable to students attending CTC Texas locations (including STEM programs) and in-state distant learners.

C. Assessment Scores

To be eligible to enroll in academic courses, you must meet one of the two provisions below. In addition, you must also meet the prerequisite requirements listed for each class as cited in the CTC course catalog.

- Be TSI Complete is based on acceptable scores on the Mathematics, Reading, and/or Writing. Minimum scores for TSI completion are:
 - TSIA2 Math – 950 or +6 diag
 - TSIA2 Reading and Writing – 945+5+essay or <945+/5+diag/5+essay
- Be exempt from taking a mandatory TSI assessment test based on proof of ONE of the following minimum scores on the exit-level ACT or SAT test relevant to the courses to be attempted:
 - ACT: English & Reading combined score 40 (effective 2/15/23)
 - Math Score 22 (effective 2/15/23)
 - ACT: 23 composite with 19 in English and/or 19 in Mathematics "prior to 2/15/23".
 - SAT: 1070 composite with 500 in Critical Reading and/or 500 in Mathematics
 - New SAT Reading (effective 3/1/16) TSI Complete 480
 - New SAT Math (effective 3/1/16) TSI Complete 530

In lieu of a student being TSI Exempt or TSI Complete, a high school student is also eligible to enroll in dual credit courses under the following conditions. *(Note: Every effort should be made to ensure that CTC has received documentation that students are TSI Exempt or TSI complete prior to their graduation from high school to ensure that transcripts sent to other colleges can be marked TSI Complete)*

Central Texas College offers the TSI Assessment year round by appointment only. The cost is \$25 for two sections or \$15 per section. Testing is also available at your high school campus. Check with your counselor for details.

- **Adding a Course**

If you need to add a college course, you must submit the following:

- Dual Credit/Early Admission Advising and Registration form (submit with each new enrollment request) with counselor approval

A Schedule Change form is used once the course has started. The deadline for adding a classroom course is no later than the census date. The deadline for online courses is the Sunday prior to the first day of class.

- **Dropping or Withdrawing From a Course**

If you need to drop a CTC course, you must submit a completed and signed CTC Schedule Change Form or Withdrawal Form through your high school counselor prior to the last day to drop or withdraw. The CTC STEM representative will provide these dates each semester prior to course registration, as dates vary depending on course length and start date.

If you wish to drop a class prior to the course census date, you must submit a Schedule Change Form. After the course census date, you must submit an Application for Withdrawal.

A course withdrawal will show as a grade of “W” on the college transcript and will not impact the GPA. Students who do not officially drop/withdraw a course, but stop attending, will be treated as still enrolled. This may result in failure of the class and/or loss of funds. It is important that you officially drop/withdraw a course using one or both of the procedures outlined above. You cannot withdraw after the published withdrawal date.

It is important that the high school counselor is informed of and signs the form for any course addition, withdrawal, or drop.

- **Credit for Advanced Placement (AP) Examinations**

CTC requires that students earn a 3 or higher on the AP examination and meet all other institutional requirements to be eligible to receive college credit. Official transcripts must be sent directly from the College Board to CTC. Please note, if you plan to transfer credits to a 4 year institution, you will need to check if they will accept the AP credit. Each institution sets their policy of AP credit, and AP credit may not transfer from one institution to the next.

- **Textbooks and Supplies**

The ISD will purchase and distribute textbooks for courses. Visit your high school bookroom for additional details.

- **Financial Obligations**

STEM students are not responsible for tuition, unless a course is attempted for the 3rd time.

- **Bacterial Meningitis**

You are required to submit proof of bacterial meningitis vaccine prior to attending any classroom course located at Central Campus. Proof of vaccination must be submitted no later than ten days prior to the start of the semester and must have been administered within the previous five years. Exceptions to the requirement may include students who enroll only in online or other distance education courses, who are 21 years of age or older, who have not had a break in enrollment of at least one fall or spring semester, and those who may be eligible to apply for an exemption as set forth in Texas Education Code 51.9192.

STUDENT

SECTION TWO: POLICIES & STUDENT CONDUCT

A. Student Conduct

CTC courses within the STEM program are college-level courses and are governed by Central Texas College policies and procedures.

STEM students are required to adhere to both the Killeen School District and CTC policies and procedures as outlined in the KISD Student Handbook and CTC Student Handbook. This includes the School District and College codes of student conduct, computer usage, and security and safety information, among others. All disciplinary actions, including suspension and dismissal from the STEM program, shall be in conformity with the codes of school conduct of both parties. In the event of a conflict between the policies of the two parties, the School District and CTC will collaborate to resolve the issue. In the case of issues requiring mental health counseling the student will be referred back to KISD. Students who do not comply with policies and codes of conduct will, when appropriate, return to their School District's home campus and may not be allowed to return to the STEM program and/or CTC as indicated.

B. Student Responsibility

Your instructor is available to answer your questions about course materials or class policies. If you have any concerns about your performance in the course or are not sure of an assignment, you need to email the instructor.

C. Academic Integrity

Students are expected to maintain academic honesty by refraining from academically dishonest behaviors (i.e., plagiarism, collusion, cheating). Academic misconduct sanctions are administered in accordance with policy and procedures set forth in the current CTC Course Catalog.

D. Academic Probation/Suspension/Dismissal

CTC course catalog states that Academic standards of progress are monitored by the college to identify students who are having academic difficulty. You are responsible for knowing your academic status at all times. The CTC course catalog adds:

1. Students who fail to maintain a 2.0 cumulative grade point average (GPA) during their initial seven semester hours attempted will be notified of their Unsatisfactory Academic Progress status and provided a list of student support services available to them.
2. Students who fail to (a) maintain a 2.0 cumulative GPA after the first seven semester hours attempted or (b) fail to achieve a 2.0 GPA during any term after the first seven semester hours and have less than a 2.0 cumulative GPA will be placed on Academic Probation during the next term in which they register. Students will be notified of their status and will meet with a CTC counselor for academic advisement and assistance. Once students raise their cumulative GPA to 2.0, their status will be changed to Academic Good Standing.
3. Students who fail to achieve a 2.0 GPA during their semester of probation and whose cumulative GPA is less than 2.0 will be placed on Academic Suspension. The mandatory suspension period is one sixteen-week semester, two-eight week terms, or both summer semesters.
4. For information regarding Academic Dismissal, please view the CTC Course Catalog.

E. Attendance

Because data shows absences for any reason negatively affect the learning process, you are expected to attend all classes in which you are enrolled. Class attendance is your responsibility. Regular and punctual attendance at all scheduled classes is expected and CTC reserves the right to address individual cases of nonattendance.

- Your instructor will inform you of the attendance policy of the course at the initial class meeting.
- You are responsible for understanding the attendance policy for each course in which you enroll and for meeting attendance requirements.
- Failure to meet the attendance requirements in a course may lower a grade for the semester or may result in failure of the course.
- The effect of absences on grades is determined by the instructor.
- When absences from class are necessary for any reason, it is your responsibility to arrange to make up assignments missed during the absence.
- Instructors are required to keep attendance records.
- Regardless of the reason for the absence, you are responsible for completing all coursework covered during any absence.
- Although distance learning courses do not require you to report to a classroom at a given time, you are expected to maintain constant progress throughout the course.

F. Religious Holy Day

If you need to be absent from class for the observance of a religious holy day, it is strongly suggested that you submit a written request to each instructor prior to the absence of the religious holy day(s) that will be missed. Although you will be excused from class, you will be responsible for make-up of all work or tests missed on the religious holy day in which the absence occurred.

STUDENT

SECTION THREE: STUDENT RESOURCES

A. Dual Credit Programs

This area handles STEM admission, registration, counseling and event coordination. Please direct all CTC questions and concerns to the Dual Credit Programs department at (254) 616-3416, (254) 616-3370 and (254) 526-1566. Hours of operation are Monday-Thursday 7:30a.m.- 5:30p.m., Friday 7:30a.m.-11:30a.m.

B. Student ID Cards

You are eligible for a CTC student ID card. ID cards are used for various campus facilities such as the library, computer labs and the physical fitness center. Cards are issued in the Student Services Building 209, room 106. You must present a valid photo ID. A copy of the class schedule is also needed. The first student ID card is free. A \$5 fee is charged for each replacement. The replacement fee must be paid at the Business Office in Building 209 and the receipt brought to the student ID card station to receive the replacement.

C. Parking Permit

You are required to obtain a parking permit for each vehicle you may drive and/or park on campus. Parking permits are available anytime during normal business hours and can be obtained at the CTC Police Department, Building 211 directly behind Student Services, Building 209. Parking permits are issued at no charge; however failing to display a CTC parking permit, as required, can result in a \$25 fine.

D. Eagle Mail

All CTC students enrolled in credit classes worldwide will receive a CTC student email account. Accounts will be automatically created and you will receive an email with instructions for accessing your account. Don't want another email account? No problem, you can forward your student email to any personal account.

E. Eagle Self Service

Eagle Self Service is our online student information system. Although high school students cannot register for classes via Eagle Self Service, you can access other features, including access to grades and printing unofficial transcripts. A link to Eagle Self Service, along with instructions of how to login, may be found at www.ctcd.edu. STEM students are assigned a CTC ID number, which may also be obtained via Eagle Self Service.

F. Academic Studio

The CTC Academic Studio-Student Success Center, located at the CTC Central Campus provides comprehensive services in supporting student success and goal completion. Services include tutoring, academic advising, information and resource referrals, college success/ study skills workshops. In addition, textbook and childcare assistance are available for qualifying students. <https://www.ctcd.edu/locations/central-campus/student-support/student-successpersistence/academic-studio-student-success-center/>

G. Student Life & Activities

The Student Life & Activities office provides opportunities for individual and group interaction through student field trips, tournaments, organizations and various seasonal and social activities. The Student Life & Activities office is located in the Roy J. Smith Student Center, Building 220. A student lounge consisting of a game room and recreational center is also available.

H. Disability Support Services

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. This legislation requires that all students with disabilities be guaranteed a learning environment that provides equal access to all programs and services. If you have a documented disability, please contact either the Disability Support Services Office (DSS) at (254) 526-1195, in Building 215, Room 111.

I. Library

The Oveta Culp Hobby Memorial Library offers a variety of services to students, faculty and staff at CTC. More than 450,000 books, microforms, audio/visual materials and periodical subscriptions support the college curriculum and provide general reading for students, faculty, staff and patrons from the community at large. Via the Internet, an automated system provides off-campus access to the card catalog and selected periodical indexes. Bibliographic instruction

services include general library tours, subject-oriented lectures and tours given to classes at faculty request. A computer lab provides word processing and spreadsheet software, along with Internet access. Other services include personal assistance at the reference desk, coin-operated photocopiers and Interlibrary Loan services to borrow materials which are not owned by the library. The library participates in TexShare, a resource-sharing program that allows students, faculty and staff at Texas institutions of higher education to use the collections of participating institutions. You must have an active ID in order to utilize the library. Additional information pertaining to the library can be found on CTC's website at www.ctcd.edu.

J. Transcripts

Unofficial Transcripts Students may obtain an UNOFFICIAL CTC transcript through their CTC Self Service student account.

Official Transcripts CTC has retained Parchment's transcript services to accept official transcript requests over the Internet via a secured site. Visit the CTC "Transcript Services" webpage on the CTC website at www.ctcd.edu for specific transcript ordering information. Transcript delivery options include Electronic, PDF or paper (mailed). Transcript order handling fees vary based on the delivery method requested.

You may be denied your transcript if you have an outstanding obligation to Central Texas College. The obligation may be due to a library fine, parking ticket, returned check, non-repayment of financial aid, failure to comply with admissions requirements, or any other indebtedness to CTC.

STUDENT

SECTION FOUR: ENGAGEMENT

A. Student Clubs & Organizations

STEM students have the opportunity to participate in a variety of student clubs and organizations, such as the following:

- Student Government Association
- Bible Student Fellowship
- C.A.S.T Club (Collegiate Academic Support Team)
- Hospitality and Culinary Arts
- Engineering & Math
- Genders & Sexualities Alliance
- Mental Health Services Association
- Net Impact formerly ENACTUS
- Otaku Unlimited Club (Anime)
- Phi Theta Kappa
- Psi Beta Psychology National Honor Society
- Rotaract
- Speech and Debate
- Student Nurse Association
- Student Veteran's Organization
- TAMUCT ROTC
- Writer's Club

Please contact Student Life & Activities or visit www.ctcd.edu for more information.

B. Information Sessions & Events

Central Texas College and Killeen Independent School District collaborate to host events throughout the school year. Announcements will be made regarding upcoming events.

In addition, students are eligible to participate in many activities like Epically Geeky Expo, Join a Club Day, Haunted House/Fall Carnival, and Wellness Fairs.

PARENT

SECTION ONE: COMMUNICATION WITH CTC STAFF & FACULTY

A. Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act as amended, is a federal law that pertains to the release of and access to student educational records. In compliance with FERPA, Central Texas College does not disclose personally identifiable information contained in student education records, except as authorized by law. Information classified as “directory information” may be disclosed to the general public without prior written consent from a student unless the CTC Records and Registration office is notified in writing by the student. This statement of nondisclosure will remain on the student’s records unless they cancel the request to withhold directory information. A student may request on an item-by-item basis the release of directory or non-directory information. Please note that even if the student is a minor, records may not be released to parents or guardians without the student’s consent.

Directory Information:

Student’s name

Local address

Home address

Electronic mail address

Telephone number

Date and place of birth

Major field of study

Dates of attendance

Degrees, awards and honors received

Most recent previous educational agency or institution attended

Photographs

Classification (freshman, sophomore or unclassified)

Participation in officially recognized activities and sports

Date of graduation

B. Student Release of Academic Records

A Student Consent for Release of Academic Records form should be completed prior to the start of each semester. If you would like to have access to your student’s records, he or she will need to complete the form each semester. **Please note that students have the option to revoke access.**

C. Student Responsibility

The instructor is available for students to answer questions about course materials or class policies. According to federal regulation, CTC's business is with the student. When a student enrolls in a college course, he or she is treated as a college student even if they are a minor. Therefore, the student must take responsibility for relaying concerns and questions to the instructor. The parent may be present; however, due to FERPA regulations, the student must write a letter granting permission for a parent to attend the meeting. The letter must include a date, time, and issues to be discussed.

D. Course and Instructor Complaints

If a student has a complaint about a course or an instructor, the student should first speak with the instructor to resolve the issue. If the student and the instructor are unable to resolve the matter, then the student needs to make an appointment with the Department Chair as outlined in the academic appeal process in the CTC student handbook. The handbook is available at <http://www.ctcd.edu/sites/ctcd/assets/File/Student%20Life/studenthandbook.pdf>. The parent may be present during the meeting, however, due to FERPA regulations, the student must write a letter granting permission for the parent to attend the meeting. The permission letter must include the date, time, the issues to be discussed, and the parent's name. In addition, the letter needs to be signed and dated.

If the parent comes to the class or to the instructor's office to complain to the faculty member, the parent will be immediately referred to the Department Chair. If the student needs contact information for the Department Chair, the student can request the information from their STEM representative. Only if the matter cannot be resolved at the Department Chair level the student can appeal to the Dean of Academic Instruction or Dean of Career and Technical Education.

PARENT & STUDENT

SECTION TWO: What's the Difference in Attending High School and College?

Attending High School Classes	Attending College Classes
Classes generally don't have more than 35 students.	Some classes may have more than 100 students.
Students attend classes for 36 weeks. Some classes extend over the semester dates and some don't.	College classes are divided into two long 16-week semesters which is the regular school year. There are 5 and 10 week summer courses. There are 5, 6, 8, 10, and 12 week classes available in the fall and spring semesters.
You may study outside of class anywhere from 0-2 hours, and most of it is cramming at the last minute for a test.	To keep up with all the information that your professor expects you to know and will not cover in class; you must study 2-3 hours every day outside of class. Be sure that somewhere in your daily schedule, you schedule this study time just like you would schedule a real class, even if it is in small increments.
You usually read something once, but sometimes you can just listen to the teacher and get the information.	Read your text assignments and take good notes on your text and in class. Organize and review all notes regularly. You should be able to visualize some notes in your head ("Oh, I remember that was in the top right hand corner of the page and I put a star next to it.") If the professor uses a publisher test bank, many of the questions will come from the readings to which s/he will add questions from the lectures. The key here is "Keep up."
You are expected to read, at most, a chapter or some other short assignment. Commonly, what you read is re-taught in class.	You may be assigned significant reading and writing assignments – perhaps several chapters with an essay. The professor may not even mention these in class.
High School Curriculum	College Curriculum
Your courses are based on TEKS at the state level which dictate what must be covered in high school courses.	Your college courses are based on curricular guidelines at the state level which dictate what must be included in the curriculum for the course/degree.
High School Teachers	College Professors
Teachers carefully monitor attendance.	Usually college professors do not formally take attendance, but they will be taking attendance for STEM students because it is a KISD and state requirement.
Teachers check your completed homework and hand it back.	Professors may not check completed homework, but they have assigned it to allow you to practice what will likely be tested somewhere in the

	course. They will assume that you can perform the tasks unless you tell them that you tried the homework and had trouble. If you make an appointment with the professor, they can sit down and help you.
Teachers remind you of incomplete work.	Some professors will remind you; others will not. It is your responsibility to be familiar with your syllabus and all the requirements that are listed there. The syllabus is your best friend for keeping on track and is the legal document on what you will learn and what you are required to do in the course. If you are late on an assignment and think it was unfair that the instructor docked your grade, the department will refer to the syllabus. If the assignment is clearly published with the due date, the grade will stand.
Teachers approach you if they think you need help.	Professors are happy to help you, but they will expect you to initiate contact and request for help.
Teachers are available before and after class for conversation and questions.	Professors often have a line of students wanting to talk to them, but they sometimes only have 15 minutes between classes. You are expected to utilize the professor's office hours. To do this, call the department or the professor and make an appointment. We recommend doing this through email as the instructor is more likely to be keeping up with emails during the day, and an email serves as documentation that you requested help.
Teachers present material to assist you in understanding the text book.	Professors may or may not follow the book and may or may not correlate the lecture to the book. Some professors use the text heavily; some may only use several chapters and rely more on their own material.
Teachers have been trained in secondary teaching methods.	College professors are experts on content for their particular areas of research. It's possible that they never took an education course. This kind of instructor is more frequent at 4-yr universities, but there are also some at the community college level.
Teachers provide you with information you missed when you were absent.	Professors expect that you will get missed class notes from classmates.
Teachers write important information on the board, project it on a screen, or send it to your laptop.	Some professors may do this; others may just lecture non-stop and expect you to take good notes.
Teachers impart knowledge and facts. Then they either discuss the connections and conclusions or lead you to make the correct connections.	College professors expect that you will do the appropriate research or have discussions with your peers to be able to make these connections on your own. That will be part of the course outcomes – your ability to synthesize information and make the appropriate connections especially

	about unrelated topics.
Teachers remind you of assignments and due dates.	Professors expect you to consult the course syllabus which spells out exactly what is expected, when it is due, and how much the assignment counts in your total course grade. Sometimes this is configured in percentages and sometimes in course points.
Tests in High School	Tests in College
Make up tests are often available.	Make-up tests are seldom an option. You will need to talk to your instructor about it. If s/he authorizes a make-up test, you will need to coordinate the date/time for the make-up test with the instructor.
Teachers rearrange test dates to avoid conflict with school events.	Professors schedule tests without regard to the demands of other courses or activities.
Testing is frequent and covers a small amount of material.	Testing is mostly infrequent and may cover large, cumulative amounts of material. Many courses will have only 2 tests – a midterm and a final-- and both will count heavily in the grade.
Teachers conduct review sessions pointing out the most important concepts.	Professors sometime offer review sessions and sometimes not. If they give a review, they expect you to participate with plenty of questions.
Grades in High School	Grades in College
Consistently good homework grades will raise your overall grade when test grades are low.	Major tests and papers generally provide most of the course grade. In many courses, professors expect you to do homework for practice, but they do not grade it.
Extra credit projects are often available.	Many professors do not give extra credit, and if they do, it is not assigned for the purpose of raising a grade.
Grades are given for most assigned work.	This may or may not happen.
Initial low test grades may not have an adverse effect on your final grade.	Grade values for all assignments, to include tests, are clearly outlined in your syllabus. Make sure to be appropriately prepared for all tests.
You may graduate as long as you have passed all required courses with a grade of D or higher.	You must maintain a C average, which is a Grade Point Average (GPA) of 2.0, during each semester or you may be placed on academic probation. If you are placed on probation you will need to bring your grades up to a C, or you may not be allowed to return to college. Remember that tutoring is available through the Academic Studio to assist you in the event that you are falling behind in a course. Keep in mind that a minimum cumulative (overall) GPA of 2.0 is required to graduate with your CTC degree.
Teachers keep you briefed on your grades.	Your professor or your syllabus tells you where you can see your grades. It's your responsibility to go there and keep track of how you are doing.

Following Rules in High School	Choosing Responsibly in College
High school is mandatory and is usually free.	College is voluntary and can be expensive.
Your time is structured by others, and most of your classes are arranged for you.	You must manage your own time. Unless you are in a program like STEM, you must arrange your own schedule in consultation with your counselor. Schedules tend to look lighter than they really are.
You can count on parents and teachers to remind you of your responsibilities and to guide you in setting priorities.	You must balance your responsibilities and set your own priorities.
You are not responsible for knowing what it takes to graduate.	Graduation and degree requirements are complex. You are expected to know what you need to graduate.
Each day you go from one class directly to another, spending 6 hours each day and 30 hrs a week in class.	You often have time between classes and you may spend less time in college classes.

College Expectations:

1. You are expected to take responsibility for what you do and don't do. You also will need to accept the consequences for what you do and don't do.
2. College lecture classes are taught on the basis that you've done all the assigned readings and homework. If you come to class unprepared, you may not understand what the lecture is about.
3. Mastery of a skill is often seen as the ability to apply what you've learned to new situations or problems. It is not about facts that you have memorized.
4. Results count. Although a good faith effort may affect your professor's willingness to help you, it will not substitute for results when it comes to grading.

Hot Tips!

1. Think beyond this minute. Set goals for the day, week, semester, and year.
2. Keep a calendar with all your important dates, to include test dates, assignment due dates, etc.
3. Prioritize: Schedule your study time, but also allow some time to relax.
4. Get to know your professors. They are your greatest resource.
5. Come to class and participate.
6. Remember -The more challenging the mountain, the more satisfying when you make it to the top.
7. For information regarding delivery formats please visit <http://www.ctcd.edu/academics/class-schedules/>
8. LEC=Lecture; LAB=Lab; CLN=Clinical; INT=Intern; PRA-Practicum; OLI=Online Internship; OLP=Online Practicum; OSL=Online Self-paced; OLL=Online; OBL=Blended; OBL= combine face to face classwork /lecture w/online technologies. Attendance required for face to face days and mandatory work online for non-class days. OSL=fixed start and end. Recommended timelines provided by instructors.
9. Think positive - you can achieve your goals!!!

WE ARE SO GLAD YOU ARE HERE AT CTC!!!!