

2018-2019 Career & Technical Education **ACCELERATE YOUR CAREER**

Preparing high school students today for career success tomorrow



Arlington
INDEPENDENT SCHOOL DISTRICT
More Than a Remarkable Education

WHAT CAN YOU do in HIGH SCHOOL to prepare for your CAREER?

Career Exploration

Try different career pathways in high school career education classes

Career Preparation

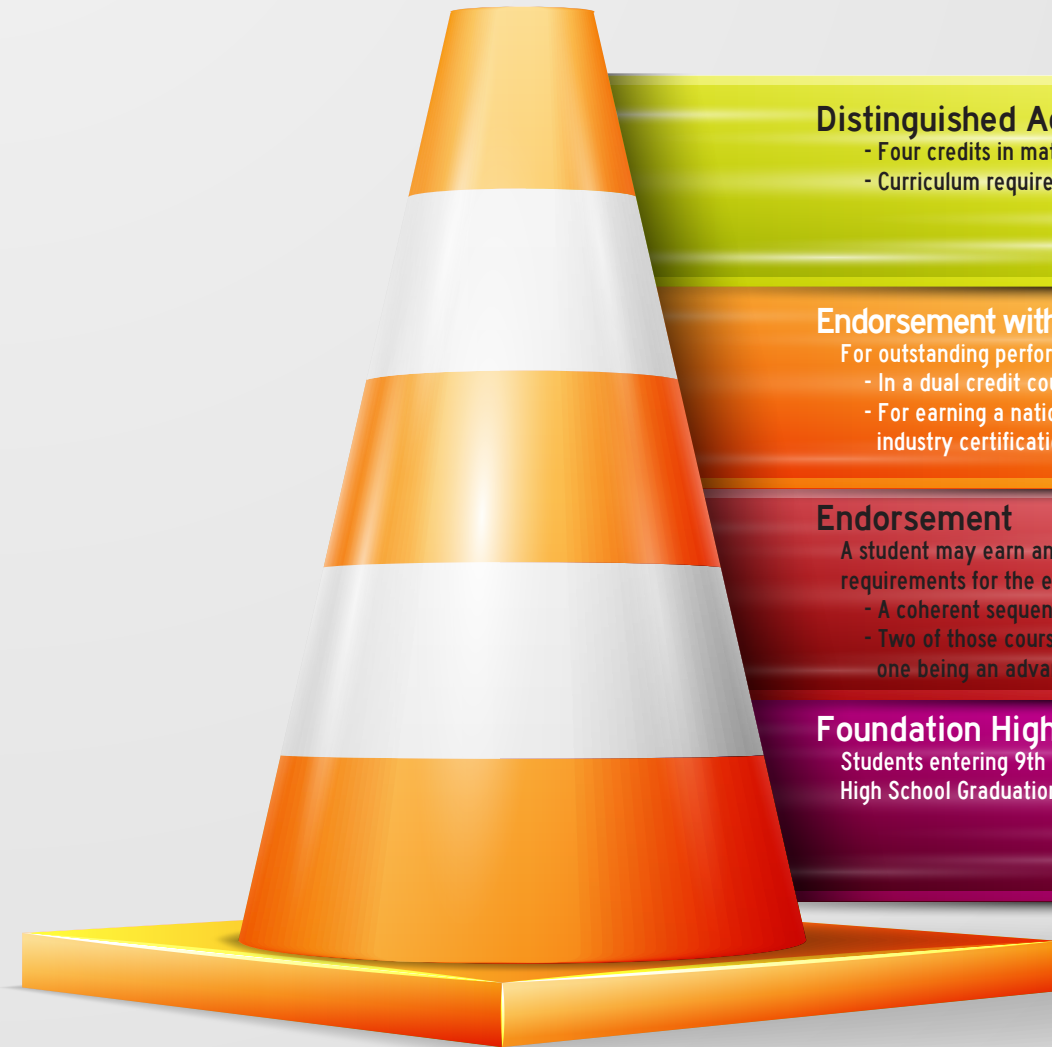
Earn industry-recognized certifications that prove your skills

Career Qualifications

Start your college career with workforce dual credit classes

CHOICES

UNDERSTANDING HOUSE BILL 5



Distinguished Achievement

- Four credits in math, including credit in Algebra II
- Curriculum requirements for at least one endorsement

Endorsement with Performance Acknowledgement in CTE

For outstanding performance:

- In a dual credit course
- For earning a nationally or internationally recognized business or industry certification or license

Endorsement

A student may earn an endorsement by successfully completing curriculum requirements for the endorsement:

- A coherent sequence of courses for four or more credits
- Two of those courses must be in the same career cluster, with one being an advanced course

Foundation High School Plan

Students entering 9th grade 2014-2015 or after must complete the Foundation High School Graduation Plan with endorsement.

Disclaimer

Accelerate Your Career is designed to assist you in selecting high school courses and education pathways that will help you meet your career and education goals. Students must complete the Foundation High School Graduation Plan with endorsement.

You must consult with your school counselor to finalize High School Plans for 2018-2019.

Nondiscrimination Policy: The Arlington Independent School District shall comply fully with the nondiscrimination provisions of all federal and state laws, rules, and regulations by assuring that no person shall be excluded from consideration for recruitment, selection, appointment, training, promotion, retention or any other personnel action, or be denied any benefits or participation in any educational programs or activities which it operates, on the grounds of race, religion, color, national origin, sex, disability, age, or veteran status (except in those certain instances where such characteristic(s) constitute a bona fide occupational qualification necessary to proper and efficient administration).

TABLE OF CONTENTS

Career and Technical Education in the AISD

About Career & Technical Education	6
Industry Certifications.....	13
About the Career & Technical Center	14
High School Plan.....	18
Career Cruising.....	20
Student Leadership Organizations & Clubs	22
How to Read a Program of Study	30

AISD CTE Programs of Study

Accounting	52	Horticulture & Floral Design	34
Agriculture Mechanics	32	Hospitality & Tourism	58
AISD Fire Academy	90	Law Enforcement	94
Animation	42	Medical Administrative Assistant	78
Architectural & Interior Design	38	Microsoft Office Specialist	50
Audio/Video Technology	44	Patient Care Technician	80
Automotive	70	Pharmacy Technician	82
Computer Technician	60	PLTW Biomedical Sciences	84
Construction	40	PLTW Engineering	96
Corrections	92	Precision Metal (CNC)	62
Cosmetology	88	QuickBooks	54
Culinary Arts	56	Robotics	98
Education & Training	74	Sports & Entertainment Marketing	68
Emergency Medical Technician	76	Sports Medicine	86
Entrepreneurship	66	Veterinary Medicine	36
Fashion Design	46	Welding	64
Graphic Design	48		



Workforce Dual Credit

About Workforce Dual Credit	26
Benefits of Workforce Dual Credit	28
Eligibility to Apply for Workforce Dual Credit	29

Workforce Dual Credit Programs of Study

Accounting	53
Architectural CADD Operator	39
Automotive Engine Analysis	71
Aviation	72
Business Administration	51
CISCO Support	61
CNC Machinist Technology	63
Computer-Aided Drafting & Design	39
Computer Illustration & Graphic Design	49
Computer Maintenance	61
Criminal Justice*	95
Culinary Arts	57
Education & Training*	74
Game and Simulation Programming	43
HVAC	41
Welding	65

*These are UTA Programs of Study

BUILDING CONNECTIONS FOR STUDENT SUCCESS

Guiding students toward college and career readiness

Today’s occupational environment has changed tremendously from previous generations. No longer is a high school diploma adequate to maintain a middle-class lifestyle. Most high-wage, high-skill, and high-demand careers require education or training beyond high school. To be competitive in the job market today, you must plan to obtain training or education beyond high school, whether it is an associate’s degree, a bachelor’s degree, a professional degree, military service, career education, or significant on-the-job training.

Arlington ISD Career and Technical Education has implemented many programs of study within the 16 federally defined career clusters. You may choose courses from one or several of the clusters during high school; however, concentrated study in one area gives you the advantage of developing higher-level workplace skills and knowledge for a particular career field.

Our goal for AISD graduates is for them to be prosperous, thriving, and internationally competitive. Career education plays a central role in preparing for a new knowledge-based economy. This is why we offer multiple educational and career training options. The Career Clusters framework provides a positive tool for educators, businesses, and students.



PARTNERSHIPS

Arlington Chamber of Commerce
Arlington Fire Department
Arlington Parks and Recreation
Arlington Police Department
Arlington Water Department
City of Arlington
Kindred Transitional Care and Rehabilitation
Lockheed Martin
Moritz Dealerships
Tarrant County College
Texas Health Arlington Memorial Hospital
Texas Rangers
University of Texas at Arlington
University of North Texas Health Science Center
Numerous local businesses

CAREER CLUSTERS



Agriculture,
Food &
Natural
Resources



Architecture &
Construction



Arts, A/V
Technology &
Communications



Business
Management &
Administration



Education &
Training



Finance



Government
& Public
Administration



Health Science



Hospitality
& Tourism



Human
Services



Information
Technology



Law,
Public Safety,
Corrections
& Security



Manufacturing



Marketing



Science,
Technology,
Engineering &
Mathematics



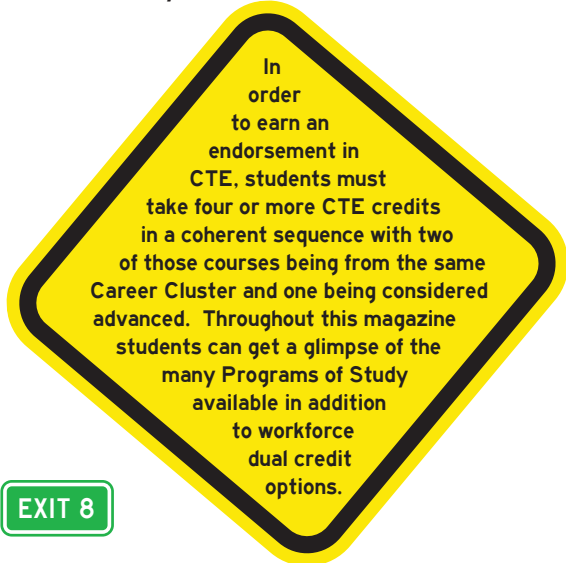
Transportation,
Distribution
& Logistics

ENDORSEMENTS, CAREER CLUSTERS, PROGRAMS OF STUDY

Endorsements: The Texas State Board of Education has identified five endorsements for students entering high school. Career & Technical Education programs are in three of the endorsement areas: Business & Industry, Public Service, and STEM (Science, Technology, Engineering & Mathematics).

Career Clusters: Federally identified Career Clusters further organize occupations and careers into more meaningful groupings.

Programs of Study (POS): Occupations within a Career Cluster are grouped according to shared commonalities, such as skill sets or common roles. A Program of Study contains a coordinated sequence of courses that identify both secondary and postsecondary education courses, such as the AISD Fire Academy. Dual credit programs of study give students the opportunity to earn both high school and college credit while high school programs of study offer high school credit only.



BUSINESS & INDUSTRY

Agriculture, Food & Natural Resources

- CC1210 Principles of Agriculture, Food & Natural Resources
- CC1211 Small Animal Management
- CC1212 Equine Science
- CC1213 Livestock Production - Livestock & Animal Science
- CC1214 Advanced Animal Science
- CC1215 Wildlife Fisheries & Ecology Management
- CC1216 Veterinary Medical Applications
- CC1217 Horticultural Science
- CC1218 Floral Design
- CC1219 Agricultural Mechanics & Metal Technologies
- CC1277 Introduction to Welding
- CC4216 Practicum in Agriculture - Veterinary Assistant
* Application Only

Architecture & Construction

- CC1221 Interior Design
- CC1223 Principles of Construction
- CC1222 Architectural Design I
- CC4222 Architectural Design II
- CC4223 Building Maintenance Technology I
- CC4224 Building Maintenance Technology II
- CC4220 Construction Technology Practicum
* Application Only
Dual Credit Course in Architecture & Construction
* Application Only

Arts, Audio/Video Technology & Communications

- CC1256 Fashion Design I
- CC4257 Fashion Design II
- CC1225 Animation I
- CC4226 Animation II
- CC1227 Commercial Photography I
- CC1228 Commercial Photography II
- CC4228 Practicum in Photography
*Application Only
- CC1226 Audio/Video Production I
- CC4230 Audio/Video Prodction II
- CC1231 Graphic Design & Illustration I
- CC4232 Graphic Design & Illustration II
- CC1229 Digital Audio Technology I
- CC1230 Digital Audio Technology II
- CC4233 Practicum in Arts, Audio/Video Technology & Communications
* Application Only
Dual Credit Arts, Audio/Video & Communications
* Application Only

Business Management & Administration

- CC1233 Principles of Business, Marketing & Finance
- CC1234 Business Information Management I
- CC1235 Business Information Management II
- CC1237 Business Law
- CC1238 Global Business
- CC1239 Mapping Your Future
- CC4234 Practicum in Business Management & Finance
* Application Only
Dual Credit Business Management & Administration
* Application Only

Finance

- CC1240 Money Matters
- CC1241 Banking & Financial Services
- CC1242 Accounting I
- CC1243 Accounting II
- CC1244 Accounting - QuickBooks
- CC4234 Practicum in Business Management & Finance
* Application Only
Dual Credit Finance
* Application Only

Information Technology

- CC1236 Web Technologies
- CC4274 Computer Maintenance
- CC4275 Computer Technician Practicum
* Application Only
- CC4276 Practicum in Information Technology
* Application Only
Dual Credit Information Technology
* Application Only



Hospitality Services

- CC1254 Introduction to Culinary Arts
- CC4254 Culinary Arts
- CC4255 Advanced Culinary Arts
- CC1253 Travel & Tourism Management
- CC4253 Hospitality Services
- CC4256 Practicum in Culinary Arts
* Application Only
- CC4258 Practicum in Hospitality Services
* Application Only
Dual Credit Culinary Arts
* Application Only

Manufacturing

- CC1277 Introduction to Welding
- CC4277 Welding I
- CC4278 Welding II
- CC4279 Precision Metal Manufacturing (CNC) I
- CC4280 Precision Metal Manufacturing (CNC) II
- CC4281 Practicum in Manufacturing
* Application Only
Dual Credit Manufacturing
* Application Only

Marketing

- CC1245 Entrepreneurship
- CC1246 Sports & Entertainment Marketing
- CC1247 Social Media Marketing
- CC1248 Advertising
- CC1257 Fashion Marketing
- CC4245 Practicum in Marketing

Transportation, Distribution & Logistics

- CC4285 Automotive Technology I
- CC4286 Automotive Technology II
- CC4287 Practicum in Transportation
* Application Only
Dual Credit Automotive
* Application Only

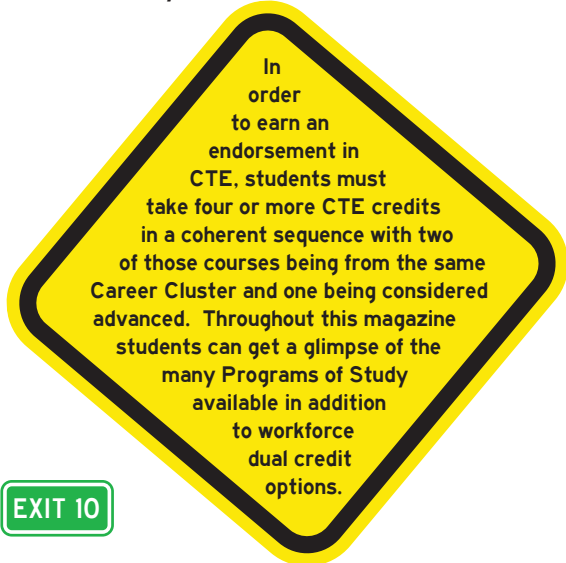
● PRACTICUM COURSES REQUIRE STUDENTS TO HAVE OWN TRANSPORTATION ● PRACTICUM COURSES REQUIRE STUDENTS TO HAVE OWN TRANSPORTATION

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PUBLIC SERVICE

Education & Training

- CC1249 Principles of Education & Training
- CC4250 Instructional Practices - Ready, Set, Teach I
- CC4251 Practicum in Education & Training - Ready, Set, Teach II
 - * Application Only
- Education & Training Dual Credit
 - * Application Only

Health Science

- CC1260 Principles of Health Science
- CC4260 Health Science Theory & Lab
- CC1261 Medical Terminology
- CC1263 Pharmacology
- CC1264 Sports Medicine I
- CC1265 Sports Medicine II
- CC1266 Health Informatics
- CC1360 PLTW Principles of Biomedical Science
- CC1361 PLTW Human Body Systems
- CC1362 PLTW Medical Interventions
- CC1363 PLTW Biomedical Innovations
- SC1223 Anatomy & Physiology
- SC1224 Medical Microbiology
- SC1225 Pathophysiology
- CC4261 Practicum in Health Science
 - * Application Only

Human Services

- CC1250 Principles of Human Services
- CC1251 Child Development
- CC1252 Interpersonal Studies
- CC4291 Cosmetology I Plus
- CC4292 Cosmetology Practicum I
 - * Application Only
- CC4293 Cosmetology II Plus
- CC4294 Cosmetology II Practicum
 - * Application Only
- CC4252 Practicum in Human Services
 - * Application Only

S T E M Science Technology Engineering Math

Science, Technology, Engineering & Math (STEM)

- CC1380 PLTW Introduction to Engineering Design
- CC1381 PLTW Principles of Engineering
- CC1382 PLTW Digital Electronics
- CC1383 PLTW Aerospace Engineering
- CC1284 Engineering Design & Development
- CC1285 Robotics I
- CC1286 Robotics II
- CC4283 Practicum in STEM - Engineering
 - * Application Only
- CC4284 Career Prep Practicum - Class D Water Operator
 - * Application Only

Law, Public Safety, Corrections & Security

- CC1267 Principles of Law, Public Safety, Corrections & Security
- CC1268 Law Enforcement I
- CC1269 Law Enforcement II
- CC1270 Court Systems & Practices
- CC1271 Correctional Services
- SC1226 Forensic Science
- CC4868 Firefighter I
 - * Application Only
- CC6868 Firefighter II
 - * Application Only
- CC6869 Emergency Medical Technician - Firefighter II
 - * Application Only
- CC4267 AISD Police Academy
 - * Application Only
- Dual Credit Criminal Justice
 - * Application Only



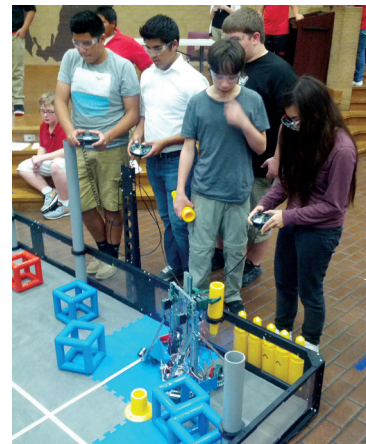
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CAREER EDUCATION

Career education has changed in the past 20 years to better meet the needs of students competing in a global economy. Members of business and industry want employees to possess a strong work ethic, a variety of skills, and the ability to problem-solve.

The goal of career education in the Arlington ISD is to equip students with the technical and professional skills necessary to succeed in today's high-demand occupational environment. Students learn to apply the career development process to their lives by getting to know themselves, investigating career fields of interest, identifying related education and training programs, and developing job search skills.

Planning for tomorrow begins today. Arlington ISD's Career and Technical Education Department can help students decide what career path to follow and teach them the skills they will need to achieve success.



Combine your classroom instruction with employment experiences to obtain the skills to be successful in a fast-changing workplace. Industry-specific practicums allow you to apply classroom knowledge in relevant work situations, encouraging the development of job-specific skills including job interview techniques, human relations skills, portfolio development, and communication skills. This on-the-job experience supports your preparedness for college and career success.

CAREER PREP & PRACTICUMS

INDUSTRY CERTIFICATIONS

Students who leave high school with one or more industry certifications are a step ahead in job readiness. Holding a certificate that is recognized by business and industry gives you an edge as you compete for your first job. The certification connects everything you have learned to professional standards with the credibility of industry-level recognition. Industry certification exams measure your abilities against that of professionals.



TAKE IT TO THE NEXT LEVEL

Arlington ISD offers **34 industry** certification exams and covers 100% of the costs.

- A+ Certification
- Adobe InDesign
- Adobe Photoshop
- Adobe Premier Pro Certification
- AISD Letter of Intent (Ready, Set, Teach!)
- American College of Sports Medicine Certified Personal Trainer
- ASE Student Certification
- Autodesk 3D Studio Max Certified Associate
- Autodesk Revit Certification
- AWS Welding Certification
- Corrections Certification
- Customer Service Certification
- Billing and Coding Specialist Certification
- Certified Veterinary Assistant
- Certified Web Designer Apprentice (WOW)
- Class D Water Operators Certification
- Basic Life Support CPR Certification
- EKG Certification
- Emergency Dispatch Certification
- Federal Aviation Administration (FAA) Private Pilot's License
- Microsoft Office Specialist Certification
- National Registry of Emergency Medical Technicians EMT - Basic Certification
- Occupational Safety and Health Administration (OSHA)
- OSHA 10-hour General Industry Healthcare Certification
- Patient Care Technician
- Pharmacy Technician Certification
- Phlebotomy Certification
- QuickBooks Certification
- Security Level II Certification
- ServeSafe Food Handler Certification
- Solidworks Certification
- Texas Commission of Fire Protection Certification
- Texas Floral Design Certification
- Texas State Cosmetology Operator License

In 2014, voters approved a bond package. Included in the package was a district-wide career and technical education center and a district-wide agricultural science facility with new opportunities and programs for students.

DAN DIPERT CAREER & TECHNICAL CENTER



Over thirty programs of study are available at the Dan Dipert Career Tech Center with most courses being junior or senior level. Our mission is to provide a hands-on, student-centered educational experience allowing students to be exceptionally prepared for the workforce or college upon high school graduation. With classrooms emulating real working environments, you will forget you are in school.

The Agricultural Science Center hosts two programs of study including veterinary medicine and welding. With two classrooms, a welding lab and livestock facilities, students from across the district can elect to take courses on the cutting-edge of agricultural science.



FREQUENTLY ASKED QUESTIONS

- Q:** How do I know if the class I want to take is offered at the Dan Dipert Center, my high school or the Agricultural Science Center?
- A:** Throughout this magazine are recommended programs of study. Each course in the sequence is color-coded so that students will know if the course is offered on their home campus, Dan Dipert Center, Agricultural Science Center, or in a few cases, multiple locations.
- Q:** How will I get to the Dan Dipert or Agricultural Science Center?
- A:** Students are able to take their own transportation to these facilities or utilize district provided bus transportation. Please refer to the side-by-side bell schedule comparisons on page 16 for more details.
- Q:** What if I don't want to take classes at the Dan Dipert or Agricultural Science Center? Can I still earn an endorsement?
- A:** Yes. Not all of the career and technical education courses have been moved to the Dan Dipert and Agricultural Science centers.
- Q:** What are the benefits of taking a class at the Dan Dipert or Agricultural Science Center?
- A:** The classrooms in the Dan Dipert and Agricultural Science centers are designed for specific programs and will have the necessary equipment to prepare students for the college or career of their choice. Unique opportunities for dual credit, public service, practicums and industry-standard certifications will support workforce readiness.
- Q:** What are the prerequisites to get into the Dan Dipert or Agricultural Science Center?
- A:** The sample programs of study located throughout this magazine specify course prerequisites. Programs of study without prerequisite courses are identified.
- Q:** How do I sign up to take a course at the Dan Dipert or Agricultural Science Center?
- A:** Students will need to select the course or courses they would like to take in Career Cruising. In the event that there are more requests than space available, a rubric will be utilized to determine student preparedness for the program of study. The rubric can be found on page 17.

CAREER & TECHNICAL EDUCATION CENTER BELL SCHEDULE

30 minute travel time to and from CTE Center to high school campuses



1st / 7th	7:35 - 9:00	7:35 - 9:06	7:35 - 9:06	7:35 - 9:05	7:35 - 9:05	7:35 - 9:05	9:35 - 11:06
2nd / 8th	9:06 - 10:31	9:11 - 10:42	9:12 - 10:49	9:12 - 10:47	9:12 - 10:47	9:10 - 10:50	
Advisory	10:37 - 11:06						
3rd / 9th	1st Lunch 11:06 - 11:48	1st Lunch 10:42 - 11:27	Blue Lunch 10:55 - 11:36	"A" Lunch 10:47 - 11:17	3rd / 7th 10:54 - 11:23	"A" Lunch 10:55 - 11:35	11:16 - 12:47
	3rd / 7th 11:54 - 1:19	3rd / 7th 11:32 - 1:13	3rd / 7th 11:42 - 1:13	3rd / 7th 11:23 - 1:14	"B" Lunch 11:23 - 11:58	3rd / 7th 11:40 - 1:10	Lunch 12:52 - 1:38
	3rd / 7th 11:12 - 12:37	3rd / 7th 10:47 - 12:28	3rd / 7th 10:55 - 12:26	3rd / 7th 10:54 - 12:44	3rd / 7th 12:04 - 1:15	3rd / 7th 10:55 - 11:40	
	2nd Lunch 12:37 - 1:19	2nd Lunch 12:28 - 1:13	Gold Lunch 12:32 - 1:13	"D" Lunch 12:44 - 1:14	"C" Lunch 12:04 - 12:39	"B" Lunch 11:40 - 12:20	
					3rd / 7th 12:44 - 1:14	3rd / 7th 12:25 - 1:10	
						3rd / 7th 10:55 - 12:30	
						"C" Lunch 12:30 - 1:10	
						1:15 - 2:50	1:43 - 3:14
	1:25 - 2:50	1:18 - 2:50	1:19 - 2:50	1:20 - 2:50	1:20 - 2:50		3:19 - 4:50
4th / 10th							TCC evening courses from 5:00 - 9:00
5th / 11th							
6th / 12th							

Subject to Change

DAN DIPERT CAREER & TECHNICAL CENTER PROGRAM SELECTION RUBRIC

Student Name _____ Student ID # _____
School _____ Endorsement _____

Course Name _____

Criteria	Indicator		Points	Notes
State Minimum Requirements for Graduation	All	2		
	lacking 2 or <	1		
	lacking 3 or >	0		
Attendance absences semester 1	5 or <	2		
	6 to 9	1		
	10 or >	0		
Tardies tardies semester 1	5 or <	2		
	6 to 9	1		
	10 or >	0		
Cumulative Grade Point Average (weighted)	> 7.0	2		
	4.0 to 7.0	1		
	< 4.0	0		
Essential Prerequisite Course #1	85 or >	2		
	84 or 70	1		
	69 or <	0		
Essential Prerequisite Course #2	85 or >	2		
	84 or 70	1		
	69 or <	0		
Essential Prerequisite Course #3 currently enrolled	Yes	0.5		
	No	0		
Course requested relates to endorsment	Yes	1		
	No	0		
Total Points				

Steps in the Registration/Selection Process

1	Required course pre-requesites will be set up in Career Cruising
2	Using Career Cruising, students will select the course or courses for the upcoming school year
3	List of students requesting courses will be pulled from Career Cruising
4	If more course requests than available seats, then utilize rubric to determine who is selected for the course

YOUR HIGH SCHOOL PLAN

Your high school graduation plan is more than just a list of courses taken in high school.

It is the map by which you will schedule classes, plan extra-curricular activities, and track your progress to graduation. It is important that you review your high school plan each semester to make sure you are still on track to graduate on time.



Individual student planning is a core component of every student's guidance and counseling program. Careful planning is important to ensure you graduate on time. Parents are encouraged to join in the conversation about educational choices.

To help you get started, use the **High School Graduation Plan Worksheet** on the next page to map out how you will reach your goals.

You are encouraged to investigate the programs of study with your parents and counselor and discuss how you may take full advantage of the courses to challenge yourself. You may earn college credit and explore your interests while completing the requirements for high school graduation.

vantage of the courses to
and explore your
high

**BUILDING MY HIGH SCHOOL
GRADUATION PLAN**

My Worksheet

Arlington ISD Your Road to Success High School Graduation Plan

STUDENT ID: _____

STUDENT NAME: _____

ENDORSEMENT: _____

12 th Grade									
11 th Grade									
10 th Grade									
9 th Grade									
8 th Grade									
	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED GRADUATION COURSES AND ELECTIVES SELECTED BY INTEREST AREA				SUMMER SCHOOL

Career Cruising.com

Log in to your
Career Cruising Account from Home
or from any computer with Internet access


Step 1

Log In to Search

Log In

Step 2

Log In to Build and Save Your Portfolio



Login
to My Plan

Username

Password

✓ Login

Take advantage of these
helpful planning tools:

Online course selection
Career investigation
assessments
Post-secondary education
planning
Post-secondary financial
aid and scholarship
planning
Resume builder

First 5 letters of
your last name followed by
your student ID# (no spaces)

examp123456

See your counselor if you need additional help accessing your Career Cruising account.

The 12 Guiding Principles of Exceptional Character

That Employers Want from Employees

- ▣ **Adaptability** - The ability and willingness to change. To put oneself in harmony with changed circumstances. To be ready and willing to adjust as necessary to the changes in people and circumstances that arise in daily life.
- ▣ **Compassion** - Kindness. The desire to help others in distress. To show kindness and concern for others in distress by offering help whenever possible.
- ▣ **Contemplation** - Giving serious consideration to something. To think things through with proper care before taking action.
- ▣ **Courage** - Bravery. The willingness to put one's beliefs into practice, the capacity to meet danger without giving way to fear. To face difficulty or danger and express your beliefs even if you are afraid.
- ▣ **Honesty** - Truthfulness, sincerity. The act or condition of never deceiving, stealing, or taking advantage of the trust of others. To be truthful in all that you do and never deceive, steal, or take advantage of the trust of others.
- ▣ **Initiative** - Eagerness to do something. To take responsible action on your own, without prompting from others.
- ▣ **Loyalty** - Faithfulness, dependability. The quality of being faithful to another person in the performance of duty; adhering to a contract with another person. To show others that you are dependable when you have a commitment to them.
- ▣ **Optimism** - Positive beliefs. The inclination to take a hopeful view or think that all will work out for the best. To strive to be positive in your beliefs about yourself, others, and the future.
- ▣ **Perseverance** - Hard work. The quality of trying hard and continuously in spite of obstacles and difficulties.
- ▣ **Respect** - Regard, value, admire, appreciate. Special esteem or consideration in which one holds another person or thing. To show regard for yourself, others, and the world around you.
- ▣ **Responsibility** - Accountability. To consider oneself answerable for something. To demonstrate that you consider yourself to be accountable for your actions and that you follow through on your commitments.
- ▣ **Trustworthiness** - Reliability. Dependable, deserving of trust and confidence.

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STUDENT LEADERSHIP ORGANIZATIONS & CLUBS

One of the best ways to acquire experience in your chosen career field is by joining a Career and Technical Education student leadership organization or club. These organizations are an integral part of your education. As a member of a club, you develop skills and abilities that help you to be a more effective citizen and leader in the future. You will test your skills at competition, applying the skills you learn in the classroom. Best of all, you will build a network of friends that can last a lifetime.



NATIONAL TECHNICAL HONOR SOCIETY

Providing the highest quality recognition for outstanding students in career and technical education.
www.nths.org

FAMILY CAREER & COMMUNITY LEADERS OF AMERICA

Promoting personal growth and leadership development through Family and Consumer Sciences education.
www.fcclainc.org



ASSOCIATION OF TEXAS PHOTOGRAPHY INSTRUCTORS

A professional organization that provides resources to photography teachers and students.
www.atpi.org

BUSINESS PROFESSIONALS OF AMERICA

Preparing students to work efficiently in a wide variety of business situations.
www.bpa.org



ROBOTICS CLUBS

Engaging students in hands-on problem-solving team robotic competition.



SLO.

TEXAS PUBLIC SERVICE ASSOCIATION

Providing students competitive opportunities in public service.
<http://www.txpublicservice.com/>



FUTURE BUSINESS LEADERS OF AMERICA

Strengthening the confidence of students and their work to develop competent, aggressive business leadership.
www.fbla-pbl.org



TEXAS ASSOCIATION OF FUTURE EDUCATORS

Providing students the opportunity to explore and develop their interests and abilities in relation to various fields of teaching.
www.tafeonline.org



HEALTH OCCUPATIONS STUDENTS OF AMERICA

Developing leadership and technical skill competencies through a program of motivation, awareness and recognition as part of Health Science Education programs.
www.hosa.org



DISTRIBUTIVE EDUCATION CLUBS OF AMERICA

Preparing emerging leaders and entrepreneurs in marketing, finance, hospitality, and management.
www.deca.org



FUTURE FARMERS OF AMERICA

Agricultural education that prepares students for successful careers and a lifetime of informed choices in the global agriculture, food, fiber, and natural resources systems.
www.ffa.org



TECHNOLOGY STUDENT ASSOCIATION

Applying science, technology, engineering, and mathematics concepts through co-curricular activities, competitive events, and related programs.
www.tsaweb.org





Arlington ISD, in a long-standing partnership with Tarrant County College District and the University of Texas at Arlington, offers you several progressive opportunities to earn both high school and college credit in our workforce dual credit programs.

Workforce dual credit offers you an opportunity to prepare for a challenging career field while in high school. Most workforce dual credit programs lead to a college certificate of completion. Additionally, college hours earned during high school may apply to a related two-year Associate of Applied Science degree at TCC or a four-year degree at UTA, saving you both time and money.

Classes are open to qualified students from all AISD high schools. All interested students will follow the dual credit application process with their counselor.

This is a long-term commitment over several semesters in your junior and/or senior years in high school. Class times may run later than the normal school day and may require a summer course. You will need to plan your high school classes accordingly.



ADVANCED PLACEMENT (AP) vs. DUAL CREDIT

- | | |
|---|--|
| <ul style="list-style-type: none">• AP classes are taught by AISD high school teachers with additional training to teach AP courses.• High school credit is earned upon successful completion of the course.• College credit for an AP class may be earned with a high enough score on the AP test at the end of the course.• There is no cost to take an AP course. There is a charge to take the AP test. Books are provided by AISD.• AP courses are limited to academic courses, such as English, History, Economics, or a foreign language.• Each AP class is started and completed in one semester. There is no limit on the number of AP courses taken as long as qualifications are met. | <ul style="list-style-type: none">• Dual credit courses are college courses. They are not modified for high school students.• Dual credit courses are taught by college instructors who are employed by TCC or UTA.• High school credit is earned upon successful completion of the course.• College credit for a dual credit course is earned upon successful completion of the course.• Students pay the district's dual credit fee. Books and applicable tools are provided by AISD.• Dual credit courses include both academic and workforce courses.• Workforce dual credit is part of a sequence of courses in a career area. Several courses will be taken over one to two years to earn college credit toward a certificate of completion or college degree. |
|---|--|





The content of most Workforce Dual Credit courses is entry-level in nature and is designed to prepare you for more advanced coursework later in the program. Your high school courses will serve to provide you with a foundation to help assure your success in college-level work. You will be challenged and engaged in higher-level thinking and skills as the college courses progress.

BENEFITS OF WORKFORCE CREDIT

- Earn both high school and college credit simultaneously
- Earn college credit hours toward a degree in your career field
- Save money by decreasing overall cost of college tuition and fees after high school
- Transition smoothly to college, further assuring academic success
- Increase lifetime earnings by shortening the time to complete a college degree in a career of your interest



To be eligible to apply, students must:

- Be entering the 11th or 12th grade in the fall
- Have a specified grade point average
- Meet minimum TSI placement scores if required for program selected
- Be committed to completing a focused sequence of college classes

Check with an AISD counselor for forms and additional information about requirements.

Think of a Certificate of Completion as a "mini diploma" validating the completion of a set of core courses included in the two-year college degree for a career area of concentration.

Endorsement by Color

Endorsement

STEM

Race Car Driver

Program of Study

Career Cluster by Color

DEMO
PAGE

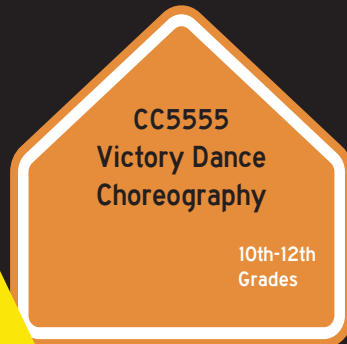
Business & Industry										Public Service			STEM	
Agriculture, Food & Natural Resources	Architecture & Construction	Arts, A/V Technology & Communications	Business, Management & Administration	Finance	Hospitality & Tourism	Information Technology	Manufacturing	Marketing, Sales & Service	Transportation, Distribution & Logistics	Education & Training	Health Science	Human Services	Law, Public Safety, Corrections & Security	Science, Technology, Engineering & Mathematics



CC3333
Drifting 101

9th-12th
Grades

No Prerequisites



CC5555
Victory Dance
Choreography

10th-12th
Grades

High School Program
Students can choose a High School Program or Dual Credit.



CC4444
Aggressive Shifting

Racing Certification

12th
Grade



Dual Credit

Supporting Courses

CC1111 - Pit Crew 101

CC2222 - Horsepower
Production
APPLICATION REQUIRED

Supporting Courses are not
prerequisites but are strongly
suggested for success.

CC7777
G-Force Management

11th
Grade

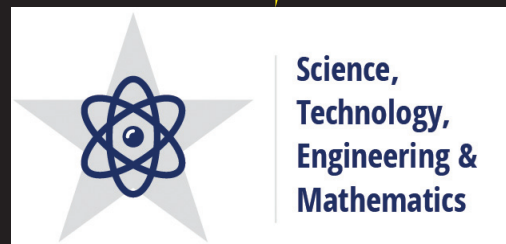
Career Cluster

ONE WAY

CC8888
Vehicle Balance Theory

12th
Grade

Course is a Prerequisite



Science,
Technology,
Engineering &
Mathematics

CTE Center Only

Home Campus
or CTE Center

Dual Credit

Home Campus

⚠ Certification Earned!

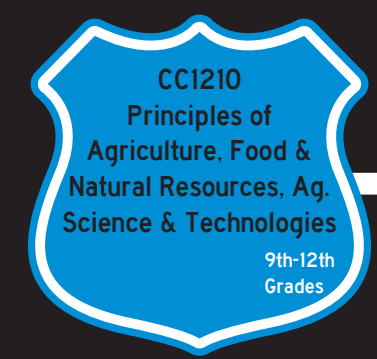
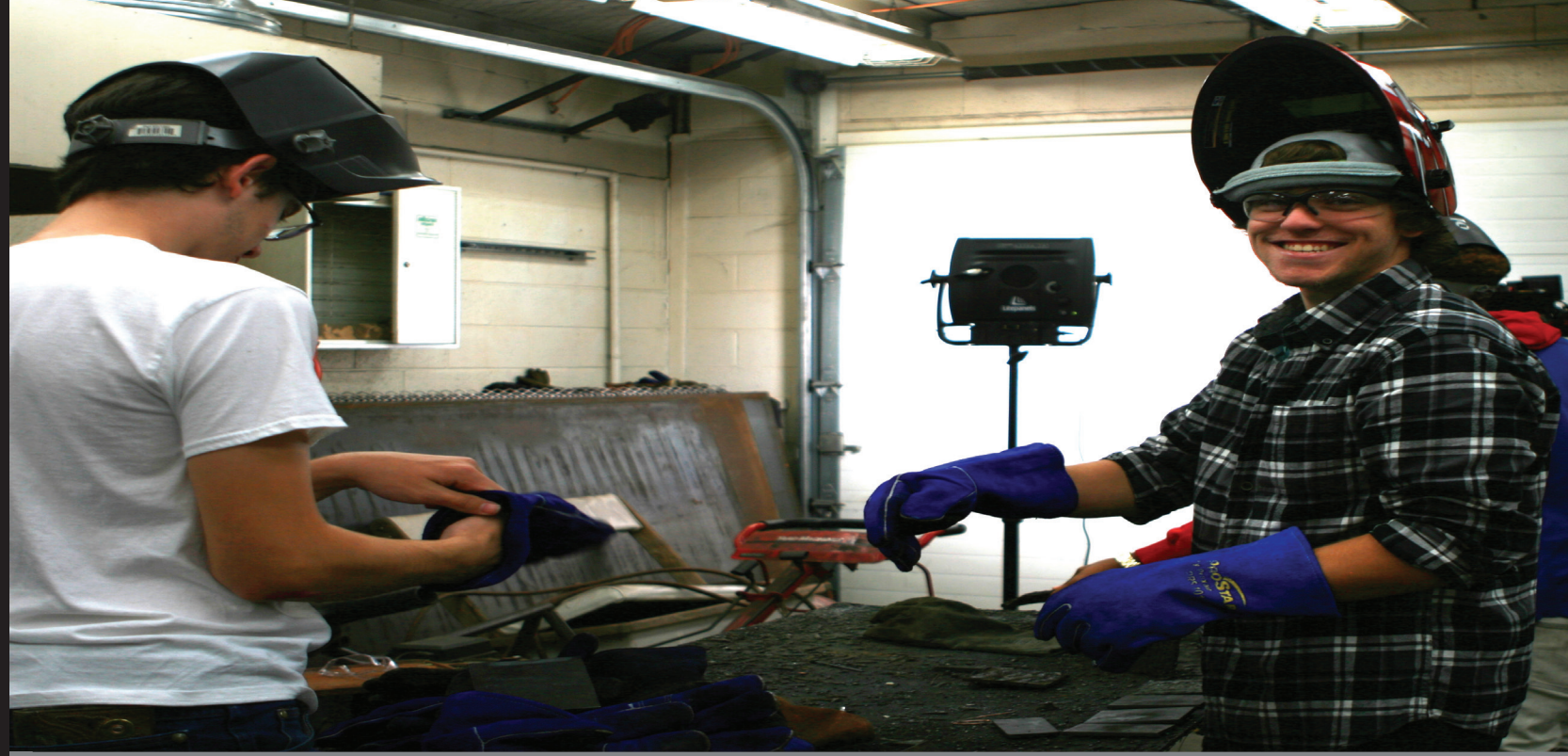
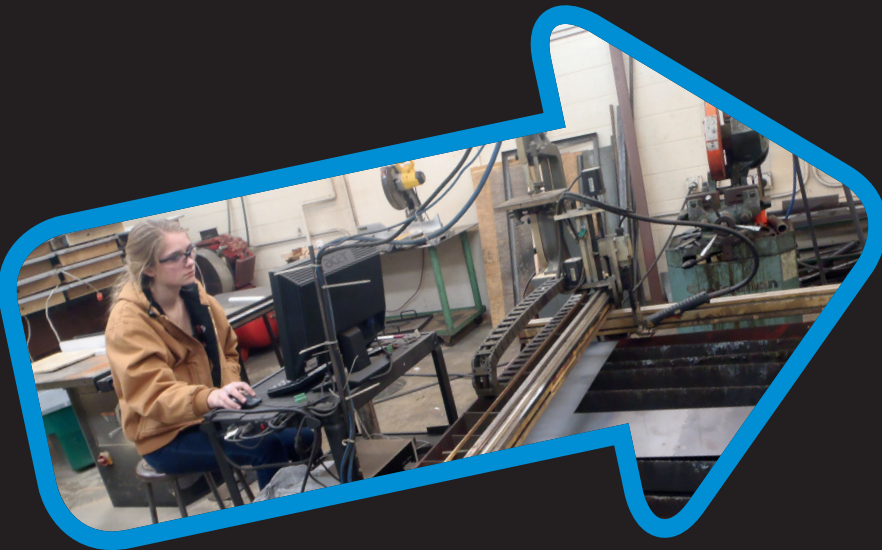
EXIT 30

EXIT 31



BUILD
YOUR
FUTURE

Do you enjoy building things or working with large machinery? A career in agriculture mechanics focuses on the power, structural, and technical agricultural systems such as electricity, wiring, plumbing, concrete construction, carpentry, fencing and hot and cold metal techniques. If you like to figure out how things work, then agriculture mechanics might be for you.





Agriculture,
Food &
Natural
Resources

Aq. Science Center Only	Home Campus or Ag. Center
Dual Credit	Home Campus

⚠ Certification Earned!



GROW
YOUR
FUTURE

Do you have a green thumb? Then you might consider becoming a florist or greenhouse manager. Courses in horticulture involve designing and tending to landscapes, flowers, fruits, vegetables, and decorative plants.



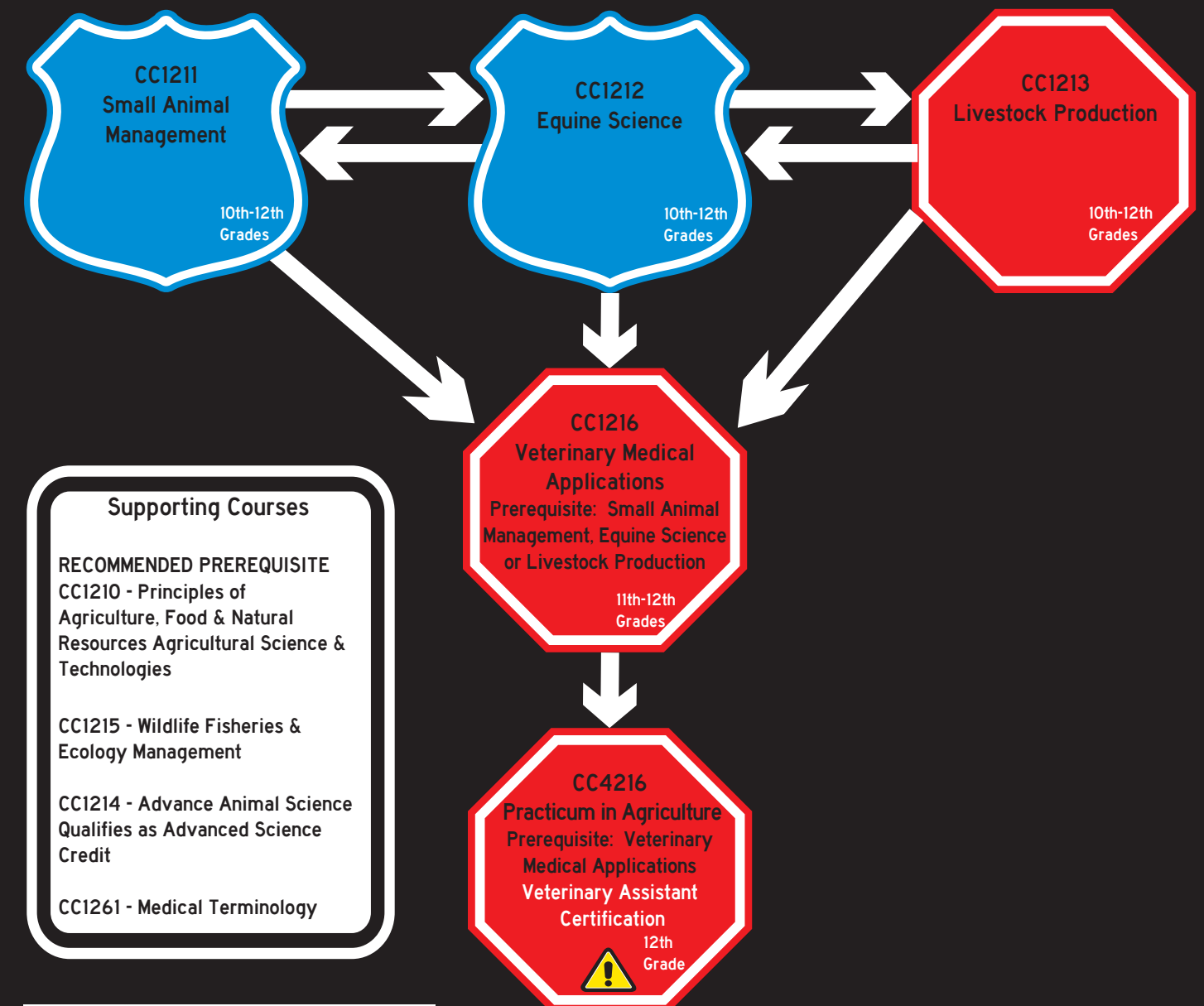
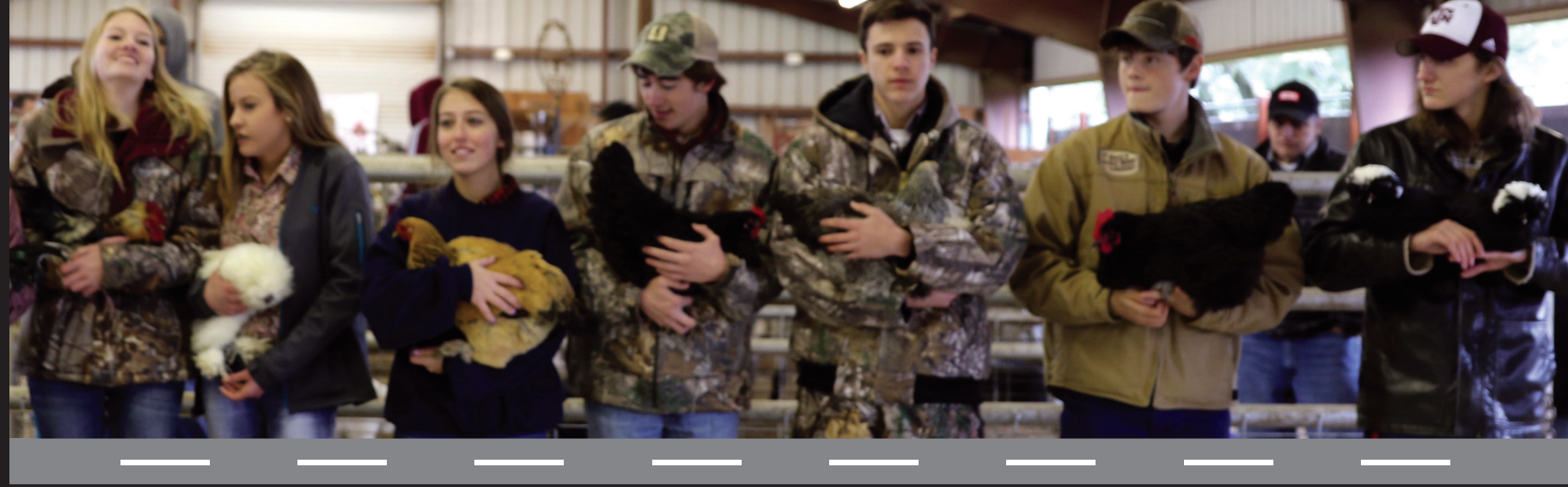
CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



If you enjoy spending time surrounded by animals and nature, you might make a good wildlife manager, fish and game officer, forest ranger or veterinarian. Courses in veterinary medicine will teach you how to care for animals while learning the basics of food safety and farming efficiency.

PROTECT
OUR
WORLD



- Supporting Courses**
- RECOMMENDED PREREQUISITE
CC1210 - Principles of Agriculture, Food & Natural Resources Agricultural Science & Technologies
- CC1215 - Wildlife Fisheries & Ecology Management
- CC1214 - Advance Animal Science
Qualifies as Advanced Science Credit
- CC1261 - Medical Terminology

Agriculture,
Food &
Natural
Resources

APPLICATION REQUIRED

Aq. Science Center Only	Home Campus or Ag. Center
Dual Credit	Home Campus

⚠ Certification Earned!

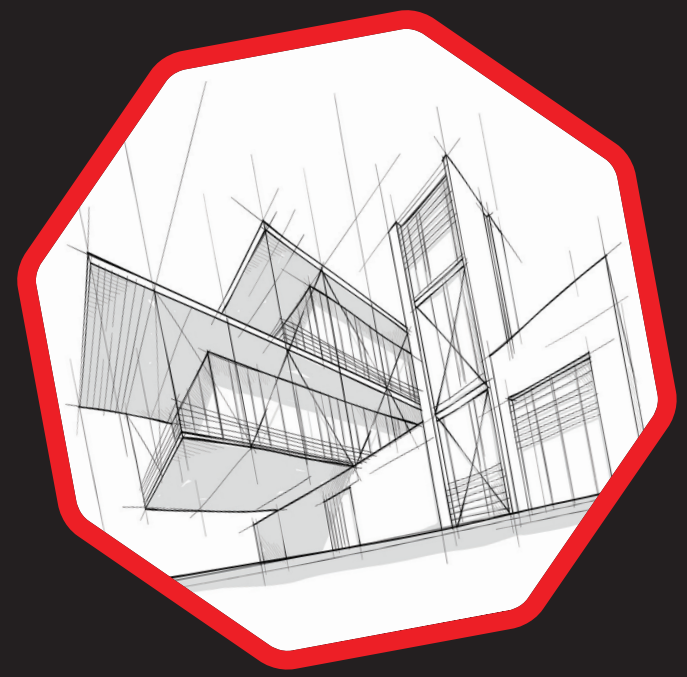


Business & Industry

Architectural & Interior Design

If you like to design and build things, tinker with tools and technology, or decorate homes and offices with flooring, paint, furniture, and art, then a career in architectural and interior design could be for you. Come design your career!

DESIGN
YOUR
FUTURE



CC1222
Architectural Design I
Prerequisites: Algebra I & English I
10th-12th Grades



CC4222
Architectural Design II
Prerequisite: Architectural Design I
Autodesk Revit Certification
11th-12th Grades

Dual Credit Options

Supporting Courses

CC1221 - Interior Design

RECOMMENDED PREREQUISITE
CC1223 - Principles of Construction

CC4223 - Building Maintenance Technology I

- OSHA Certification

CC4224 - Building Maintenance Technology II

CC4220 - Construction Technology Practicum

APPLICATION REQUIRED

TCC Computer-Aided Drafting & Design
Technical Drafting
Business Computer Application
Computer Aided Drafting
Residential Arch. Drafting
11th Grade



TCC Computer-Aided Drafting & Design
English Composite
Adv. Technical Arch. Design
Commercial Arch. Drafting
Adv. Drafting
12th Grade

TCC Architectural CAD Operator
Arch. Computer Graphics
Architectural Design I
Architectural Technology
Architectural Design II
Mechanical & Elect. Systems
Architectural Practicum
12th Grade



Architecture & Construction

CTC Only	Home Campus or CTC
Dual Credit	Home Campus

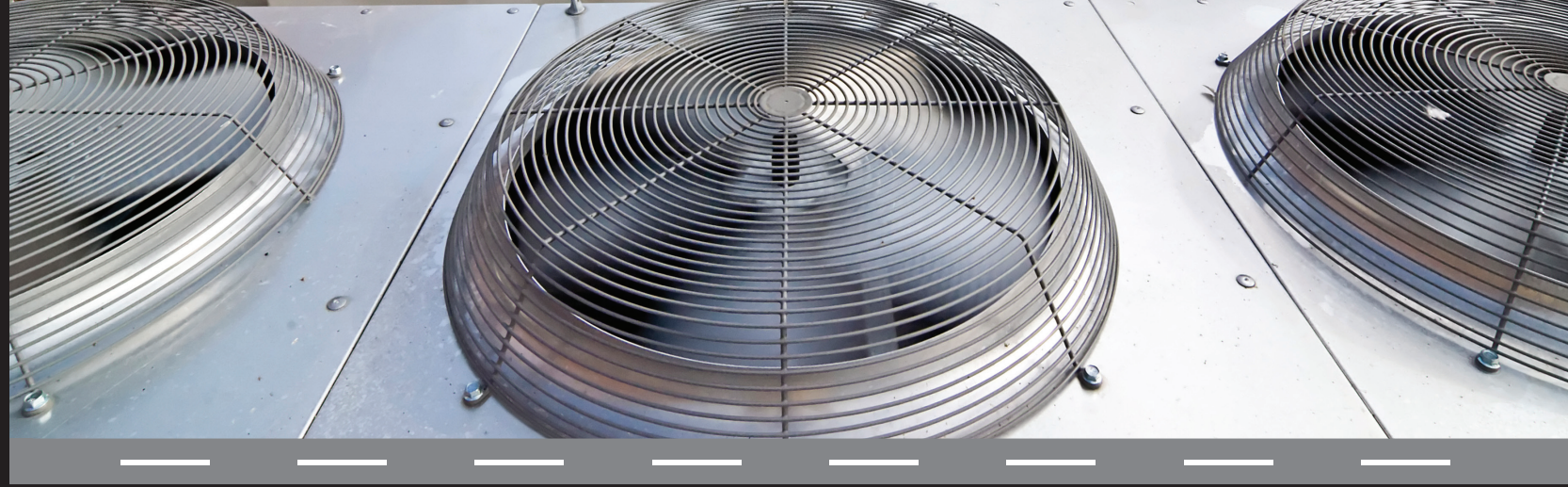
Certification Earned!



Do you enjoy working with your hands? Are you detail oriented? Courses in construction technology will equip you with the practical skills and knowledge needed to maintain buildings and install electrical wiring and plumbing as well heating, ventilation, and air conditioning. As one of the top ten fastest growing industries in Texas, a career in construction technology is sure to pay off!



CONSTRUCT
YOUR
FUTURE



CC4223
Building Maintenance
Technology I
OSHA Certification

11th-12th
Grades



CC4224
Building Maintenance
Technology II
Prerequisite: Building
Maintenance Technology I

12th
Grade

Supporting Courses

CC1219 - Agriculture Mechanics & Metal Technologies

CC1277 - Introduction to Welding

RECOMMENDED PREREQUISITE
CC1223 - Principles of Construction

CC4220 - Construction Technology Practicum
APPLICATION REQUIRED

Dual Credit Options

TCC HVAC
Refrigerations Principles
Basic Electrical for HVAC
Technical Calculations

11th
Grade



TCC HVAC
Residential Air Conditioning
Adv. Electrical for HVAC
Air Conditioning Control Principles

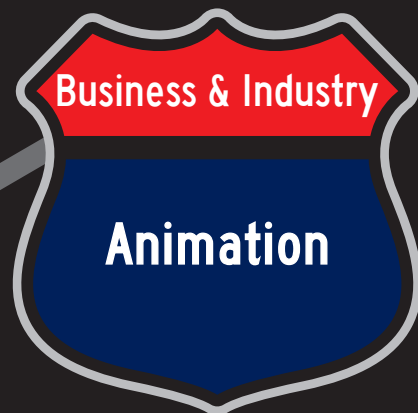
12th
Grade



Architecture &
Construction

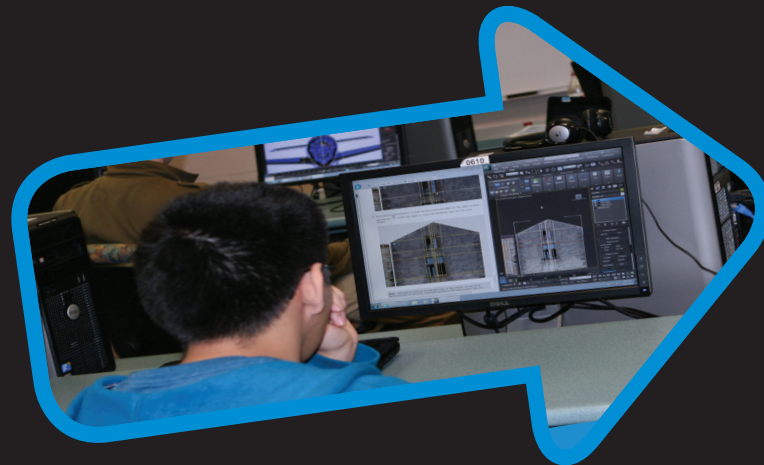
CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



Do you enjoy using and learning about computer games? Do you appreciate the special effects and animation in the movies, television, and web? If you would like to turn your interests into a career, this program is for you. From creating a game for fun to designing a business simulation program, the animation program will get you started toward a winning career!

PROGRAM FOR SUCCESS



Supporting Courses

- CC1227 - Commercial Photography I
- CC1229 - Digital Audio Technology I
- CC1230 - Digital Audio Technology II
- CC4233 - Practicum in Art, Audio/Video Technology & Communications
APPLICATION REQUIRED

Dual Credit Option



Arts, A/V
Technology &
Communications

CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!

Business & Industry

Audio/Video
Technology

THINK
CREATIVELY

If you yearn to be creative, like to express yourself, or love using new technologies, then audio and video technology may be your outlet. Whether it is television and radio, or movies and music, you will see a full range of directions your talents might lead.



CC1226
Audio/Video
Production I

10th-12th
Grades

ONE WAY

CC4230
Audio/Video
Production II
Prerequisite: A/V Production I
Adobe Premier Pro
Certification

11th-12th
Grades



Supporting Courses

CC1227 - Commercial
Photography I

CC1229 - Digital Audio
Technology I

CC1230 - Digital Audio Technology II

CC4233 - Practicum in Art,
Audio/Video Technology &
Communications
APPLICATION REQUIRED



Arts, A/V
Technology &
Communications

CTC Only

Home Campus
or CTC

Dual Credit

Home Campus

⚠ Certification Earned!

EXIT 44

EXIT 45



If you have a good eye for color, line, and form in clothing - and a solid grasp of business fundamentals - you might find a place in the world of fashion design. Opportunities for success in fashion design are many and varied, but you've got to supply the fashion sense to make it happen. Come explore your creative side.



EXPRESS
YOURSELF



Supporting Courses

CC1257 - Fashion Marketing

- Customer Service Certification

CC4233 - Practicum in Art, Audio/Video Technology & Communications
APPLICATION REQUIRED



Arts, A/V
Technology &
Communications

CTC Only

Home Campus
or CTC

Dual Credit

Home Campus

⚠ Certification Earned!

EXIT 46

EXIT 47



PICTURE
YOURSELF
SUCCESSFUL

In graphic design, you will need to learn both artistic and technological skills to be successful. Understanding production techniques, color theory, page design concepts, and computer-generated imagery are just some of the skills you will develop in this program.



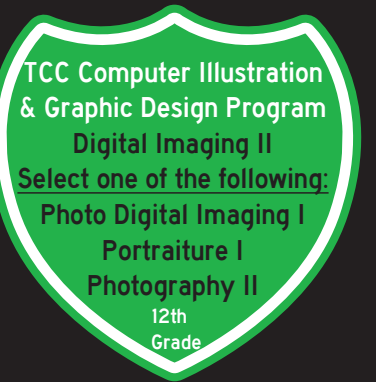
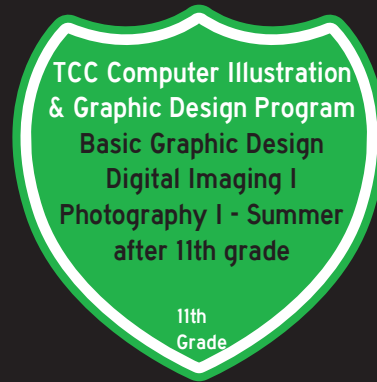
Supporting Courses

FA1220 - Art I

CC1227 - Commercial Photography I

CC4233 - Practicum in Art, Audio/Video Technology & Communications
APPLICATION REQUIRED

Dual Credit Option



Arts, A/V
Technology &
Communications

CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!

Business & Industry

Microsoft Office Specialist

COMPUTE
THE
POSSIBILITIES

Demonstrate that you have the skills needed to get the most out of the Office Suite by earning a Microsoft Office Specialist certification. Holding a MOS certification can earn an entry-level business employee as much as \$16,000 more in annual salary than uncertified colleagues.* With the Microsoft Office Specialist Program of Study, success is easy to compute!

* Anderson, Cushing, and John F. Gantz. Skills Requirements for Tomorrow's Best Jobs: Helping Educators Provide Students with Skills and Tools They Need. IDC/Microsoft. October 2013. http://www.microsoft.com/en-us/news/download/presskits/education/docs/IDC_101513.pdf



Supporting Courses

RECOMMENDED PREREQUISITE
CC1233 - Principles of Business,
Marketing & Finance

CC1236 - Business Web
Technologies

- WOW Certification

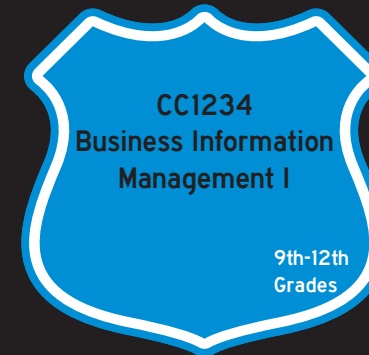
CC1237 - Business Law

CC1238 - Global Business

CC4234 - Practicum in Business
Management & Finance

- Customer Service Certification

APPLICATION REQUIRED



Dual Credit Option

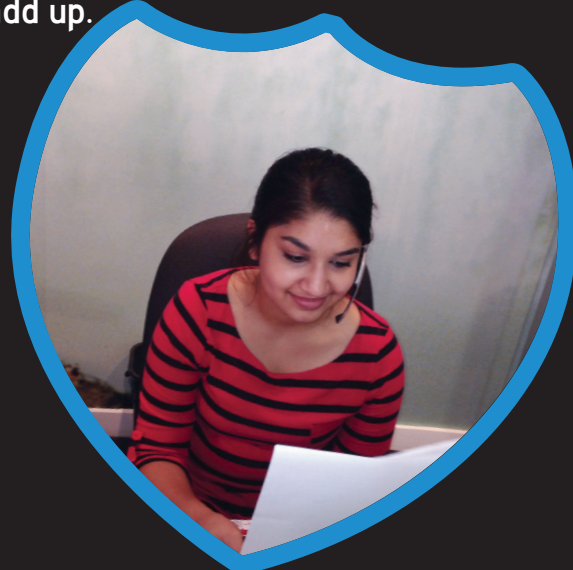


CTC Only	Home Campus or CTC
Dual Credit	Home Campus

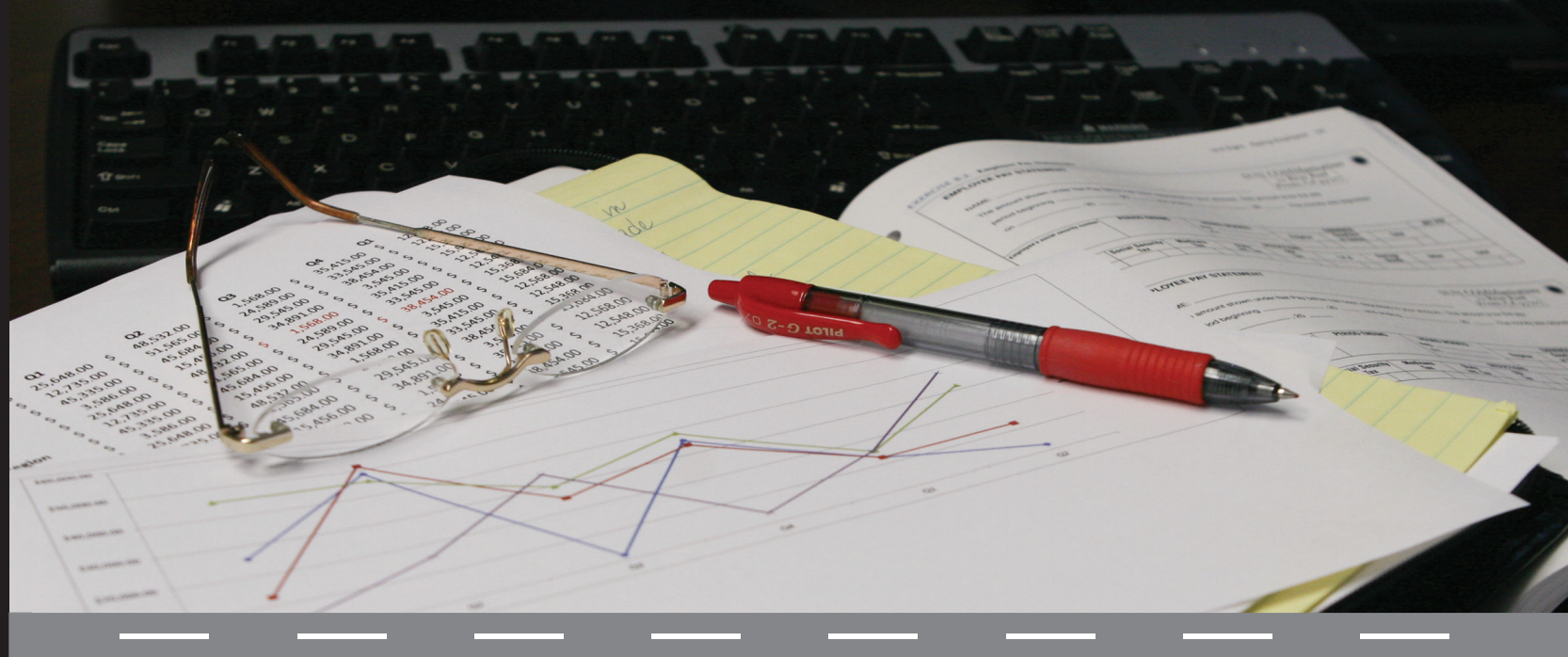
⚠ Certification Earned!



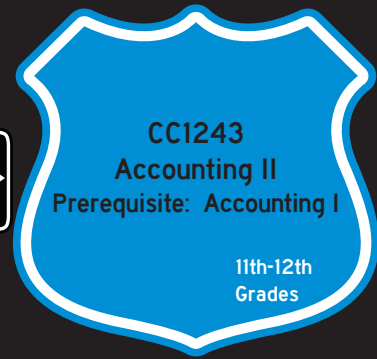
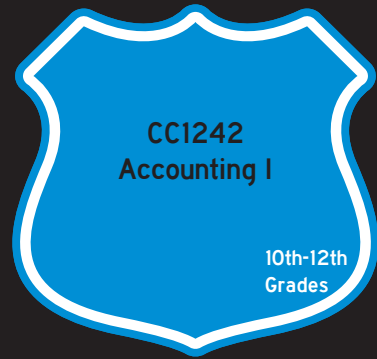
If you have a high degree of mathematical skill and like working with numbers, then a career in the accounting field will add up to success for you. As an accounting assistant, you will perform clerical tasks that relate to fiscal record keeping and financial documents for a business. Every business has to keep financial records, so you could work for a small business or a large corporation. In the world of accounting, your job opportunities add up.



FOLLOW THE MONEY



- Supporting Courses**
- RECOMMENDED PREREQUISITE
CC1233 - Principles of Business, Marketing & Finance
- CC1234 - Business Information Management I
- CC1241 - Banking & Financial Services
- CC1240 - Money Matters
- CC4234 - Practicum in Business Management & Finance
- Customer Service Certification
- APPLICATION REQUIRED**



Dual Credit Option



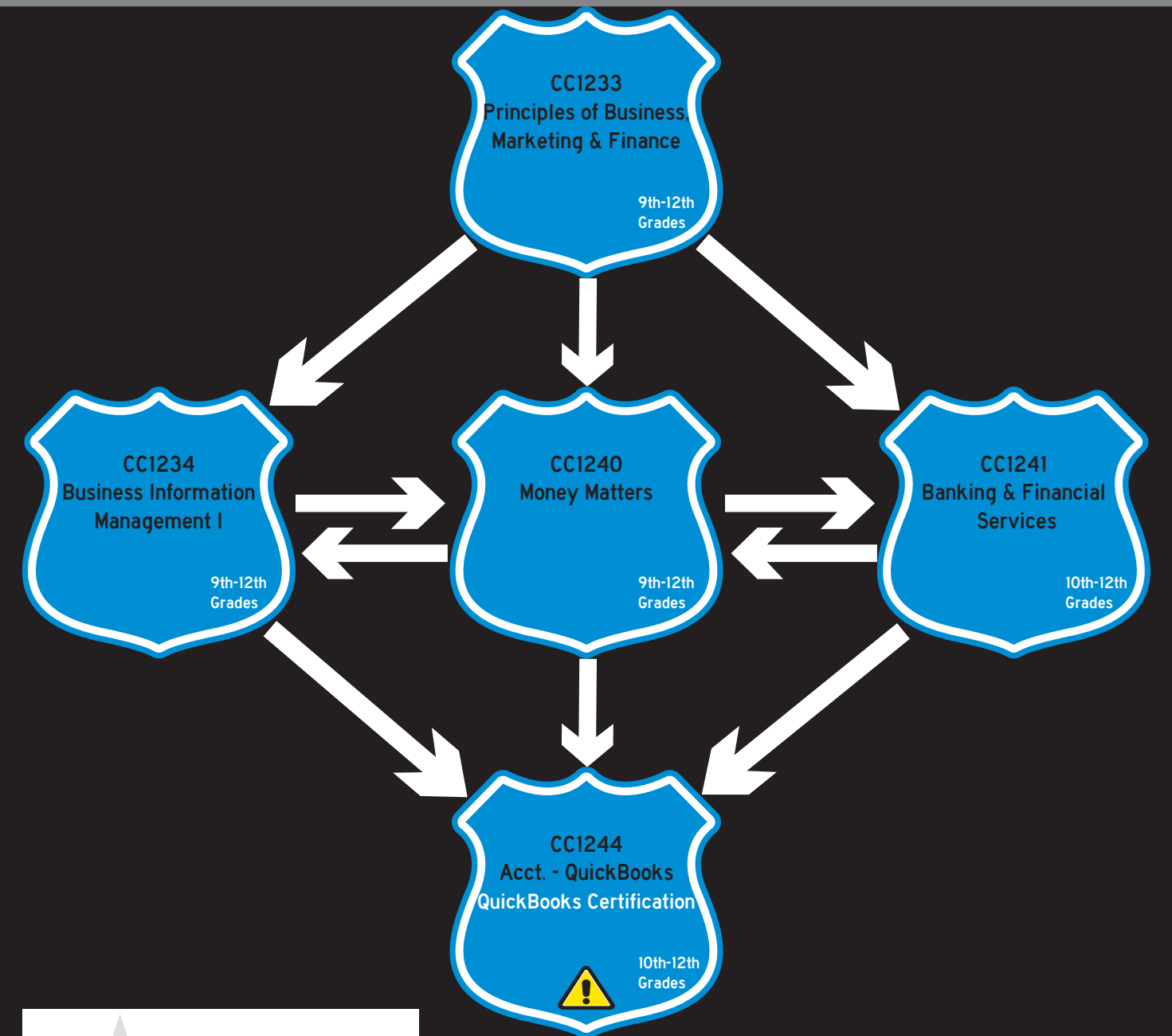
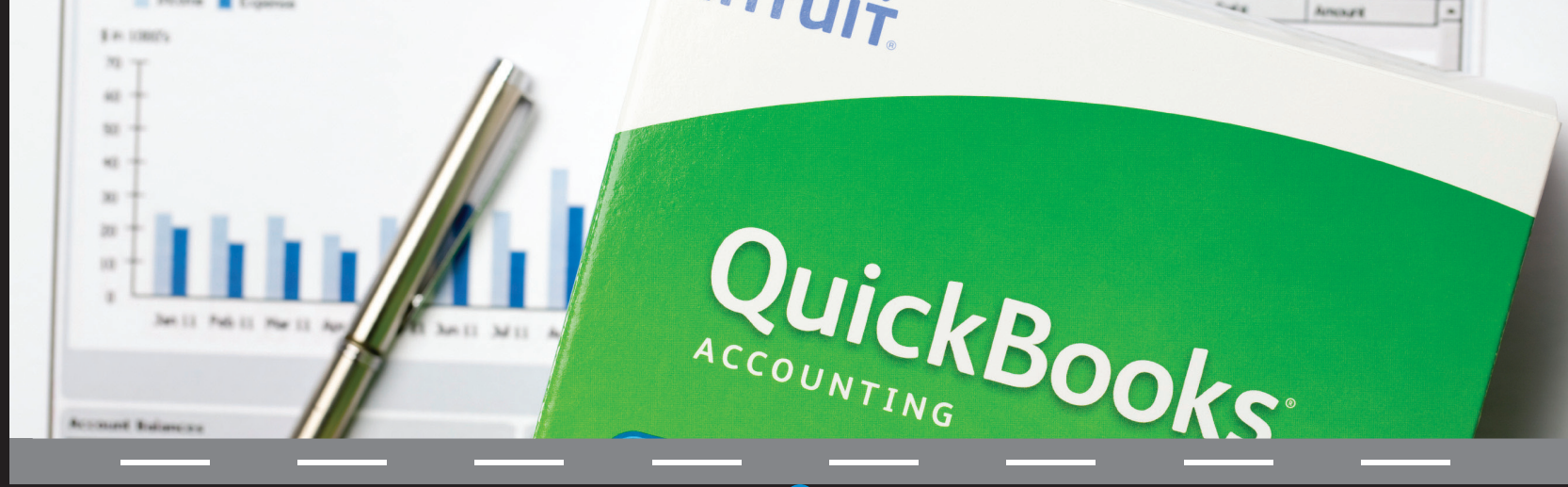
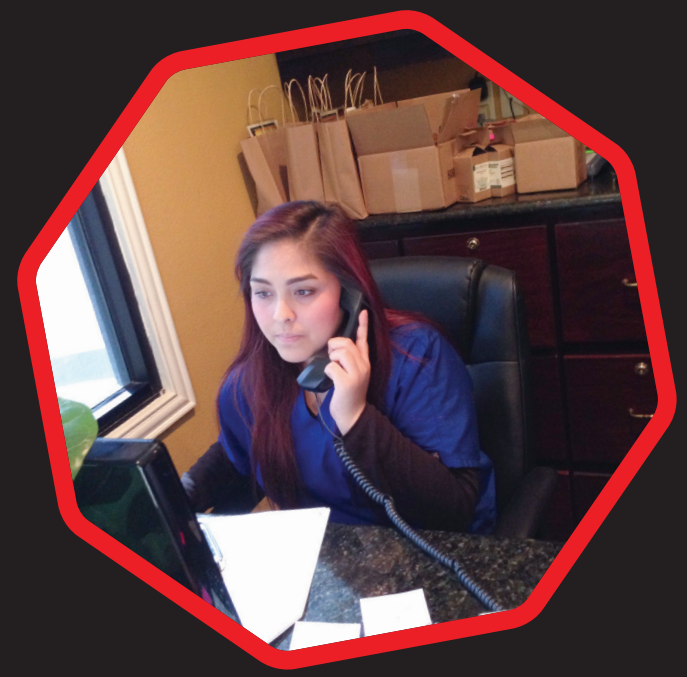
CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



Not interested in becoming an accountant but want to own or run your own business? QuickBooks is an accounting software package developed with the small business owner in mind, making it easy to organize your finances in one location. Spend more time learning to run your business and less time on routine tasks.

RUN
YOUR
BUSINESS



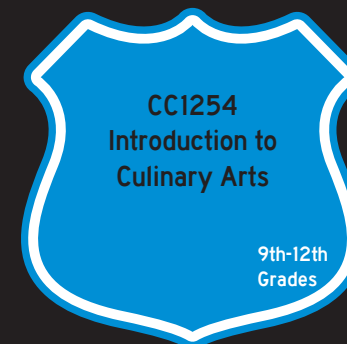
CTC Only	Home Campus or CTC
Dual Credit	Home Campus

! Certification Earned!



RECIPE FOR SUCCESS

Your recipe for success begins with hands-on technical skills with food preparation and meal management expertise for a delicious culinary career.

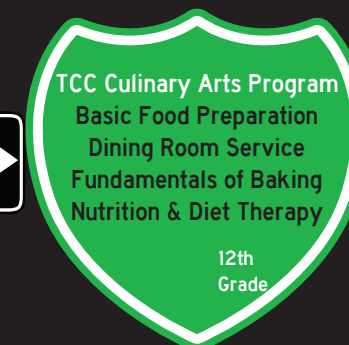


Supporting Courses

CC1250 - Principles of Human Services

CC4256 - Practicum in Culinary Arts
APPLICATION REQUIRED

Dual Credit Option



CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!

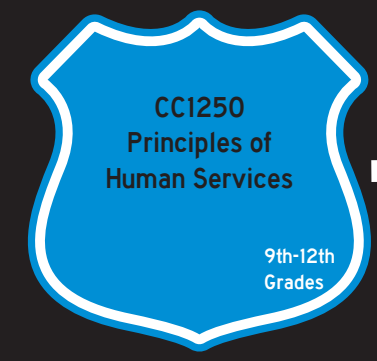
EXIT 56

EXIT 57



Do you enjoy making other people happy? If you want to see the world, enjoy serving others, or dream of opening a restaurant or bed and breakfast someday, then hospitality may be the right program for you.

BOOK YOUR
TRIP TO
THE TOP



CTC Only	Home Campus or CTC
Dual Credit	Home Campus

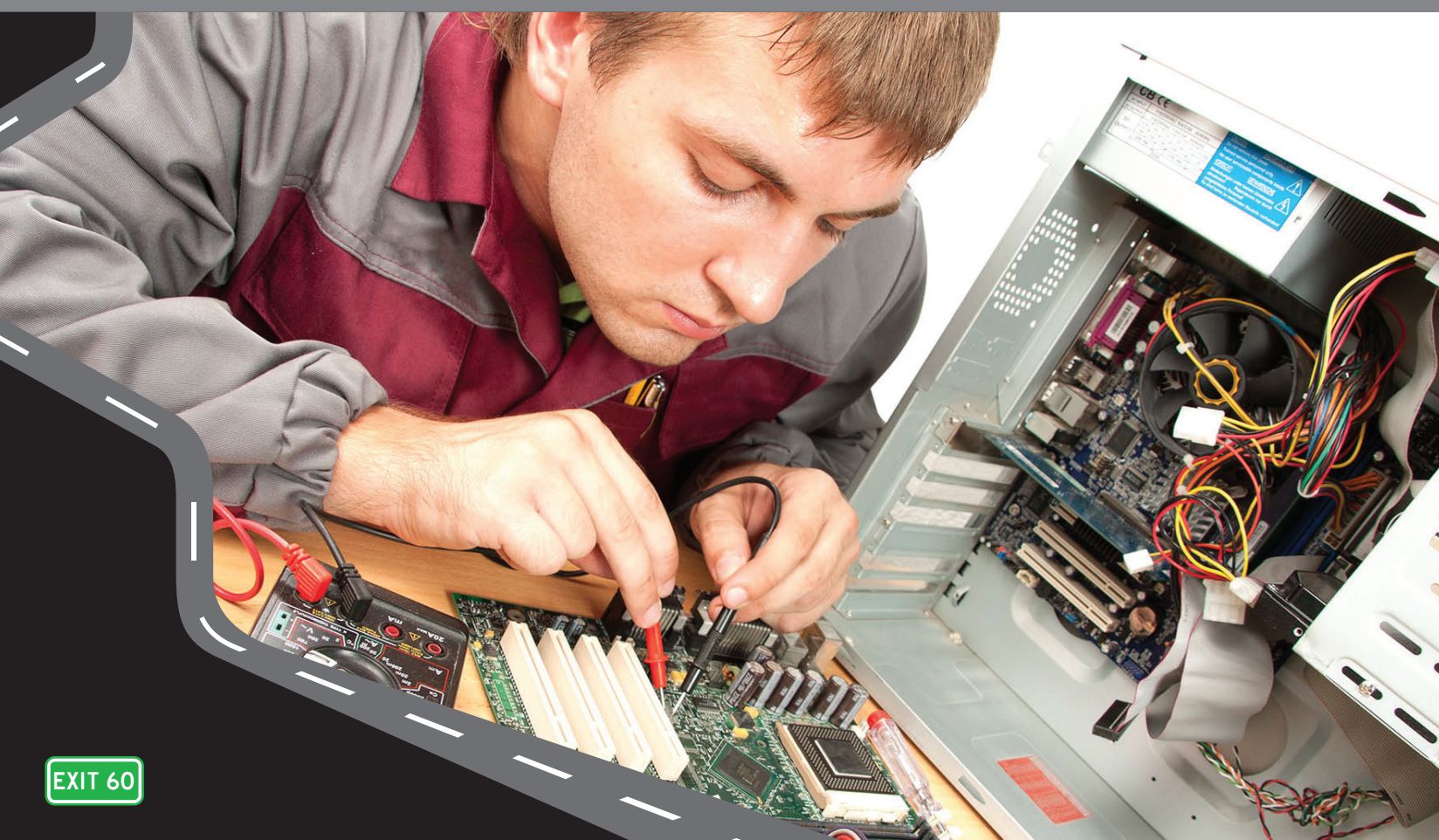
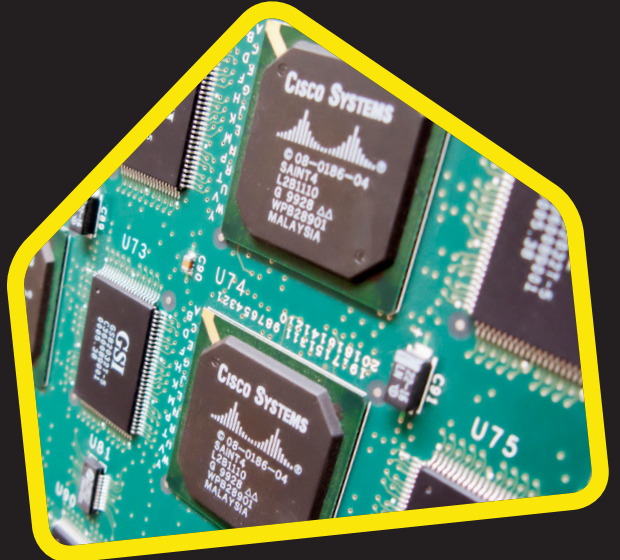
⚠ Certification Earned!



If your computer has ever crashed at a critical moment, you know the importance of a knowledgeable expert to get it running again. As a computer technician, you will oversee daily computer performance, provide technical support, and install new software for individuals and businesses. With the world's economy dependent on computers, you will find a career that suits your skills and interests.



GET CONNECTED
WITH
YOUR FUTURE



CC4274
Computer Maintenance
A+ Certification

11th-12th
Grades



CC4275
Computer Technician
Practicum

12th
Grade

APPLICATION REQUIRED

Dual Credit Options

TCC Computer
Maintenance Program
Digital Systems
Computer Maintenance
A+ Certification

11th
Grade



TCC Computer
Maintenance Program
Intro. to
Computer Maintenance
DC-AC Circuits
Computer Networking

12th
Grade

TCC Cisco Program

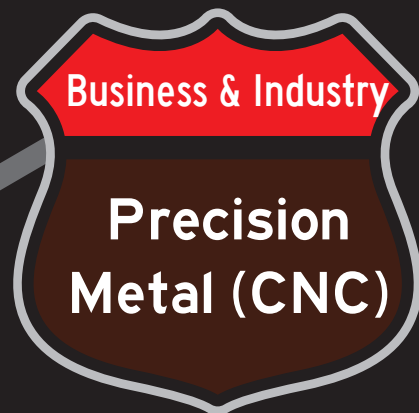
Introduction to Networks
Routing and Switching Essentials
Scaling Networks
Connecting Networks

12th
Grade

Information
Technology

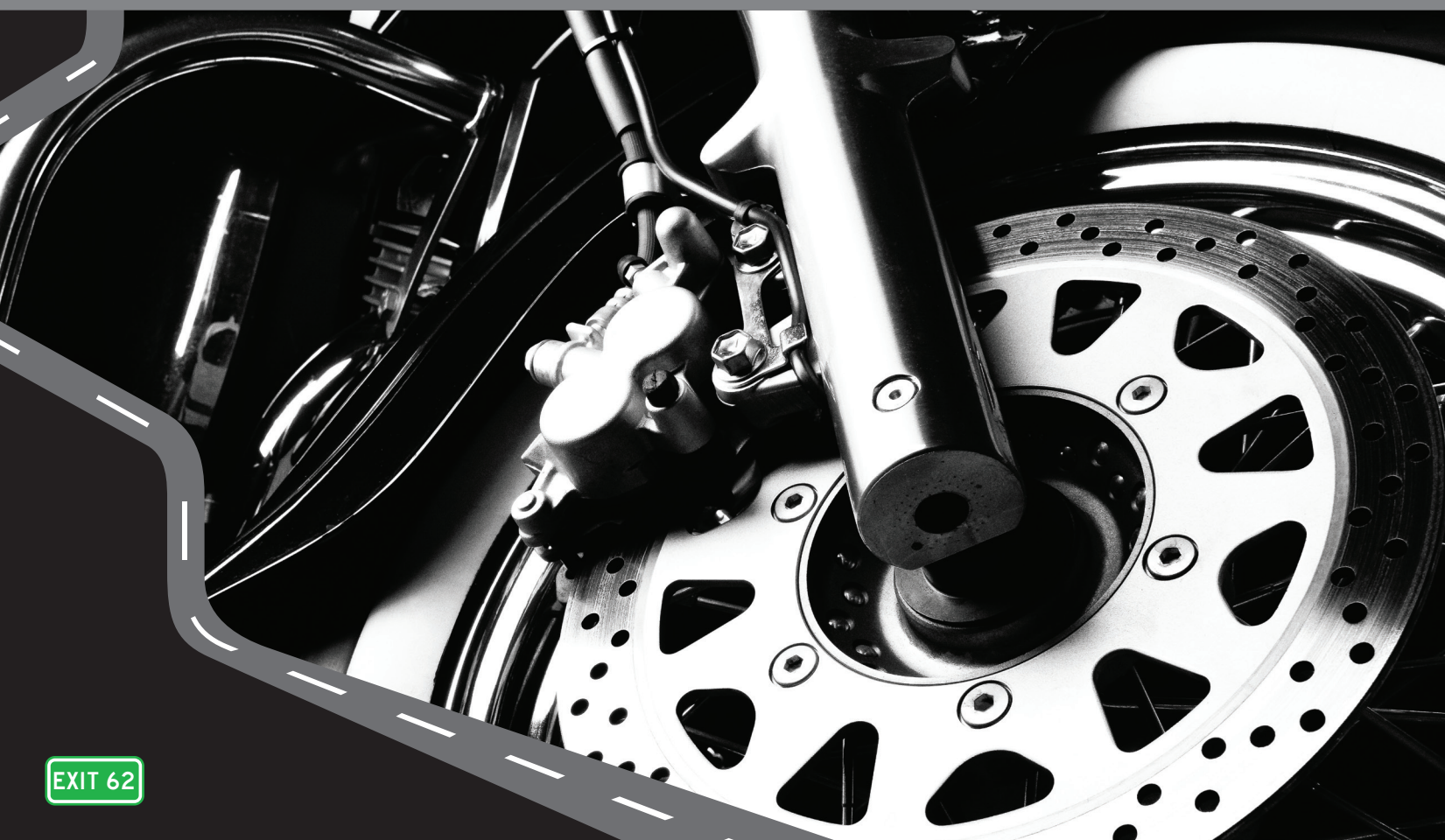
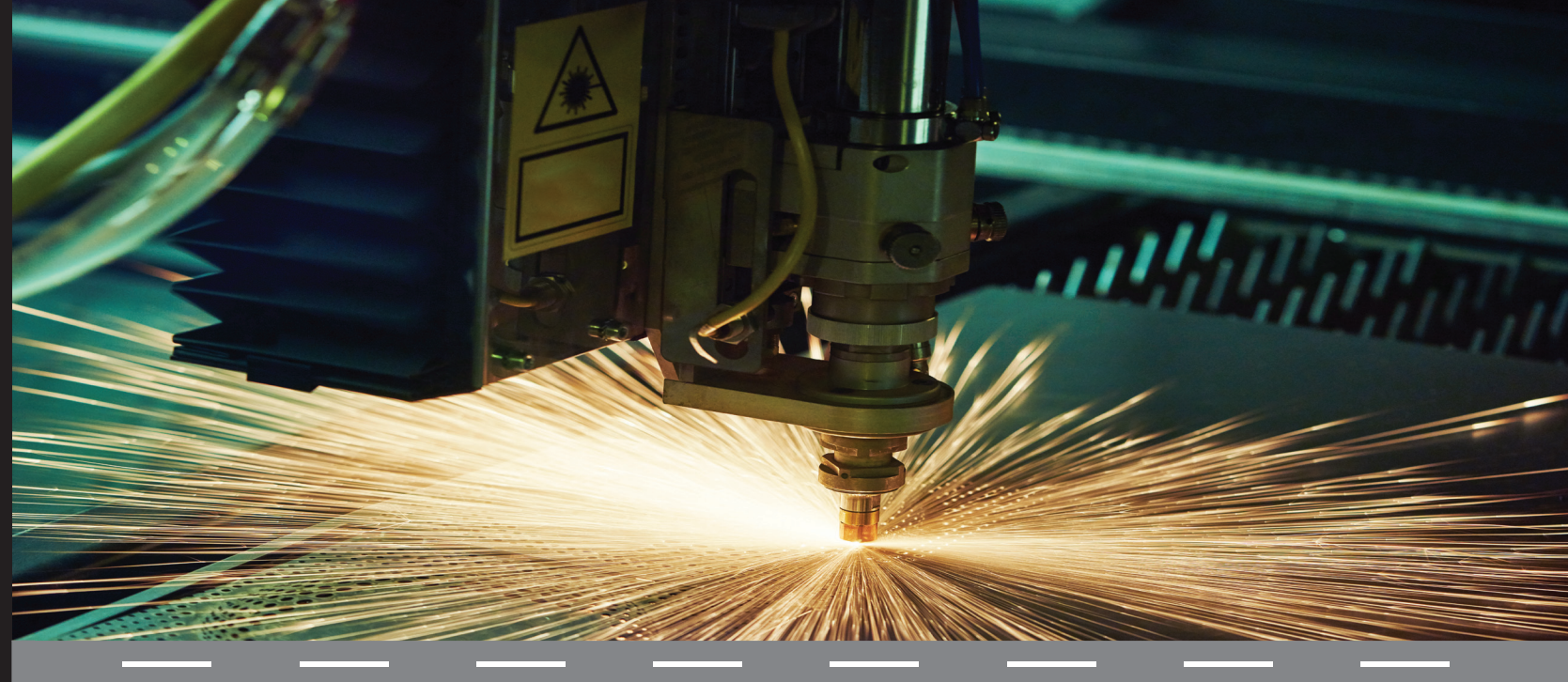
CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



A CUT
ABOVE THE
REST!

If you are fascinated by the artistry of manufacturing in television shows such as “American Chopper,” “TITAN American Built” and “Modern Marvels,” then precision metal manufacturing could be for you. Learn to push the boundaries of what is possible by using computer-controlled machinery to build products that span across industries - from aerospace to medicine, military to underwater exploration.



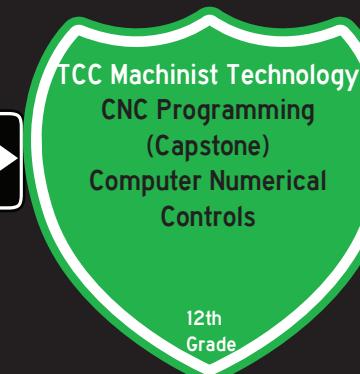
Supporting Courses

CC1277 - Introduction to Welding

CC1219 - Agriculture Mechanics & Metal Technologies

CC4281 - Practicum in Manufacturing
APPLICATION REQUIRED

Dual Credit Option



CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!

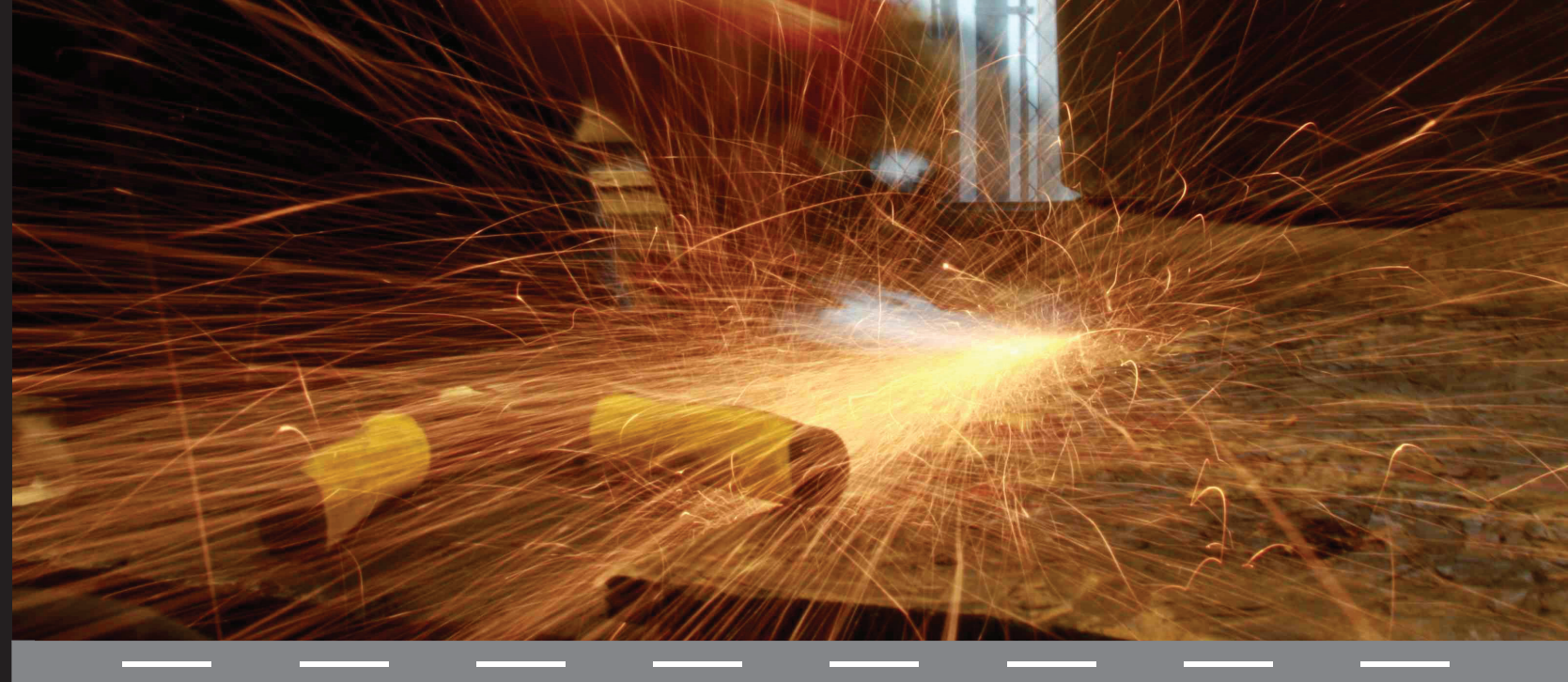
EXIT 62

EXIT 63



Simply put, welding is the joining of two pieces of metal by heating them to the point of melting. Welders help build metal products from fire pits to skyscrapers. If you like taking raw materials and creating goods used every day, then the welding program is for you!

MAKE IT
YOUR WAY



Supporting Courses

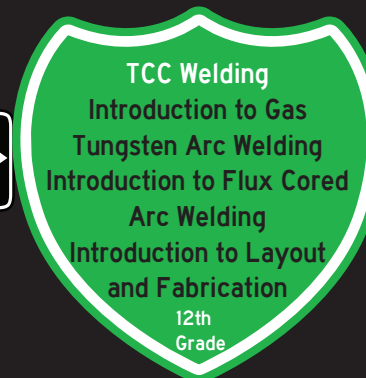
CC1277 - Introduction to Welding

CC1219 - Agriculture Mechanics & Metal Technologies

CC4281 - Practicum in Manufacturing
APPLICATION REQUIRED



Dual Credit Option



Manufacturing

CTC Only

Home Campus
or CTC

Dual Credit

Home Campus

⚠ Certification Earned!





START
YOUR
BUSINESS

If you have ever dreamed of starting your own business, then the entrepreneurship program is for you. You will learn to analyze new concepts, create strategic plans, evaluate financing opportunities and locations, and manage human capital. If you can dream it, you can do it!



APPLICATION REQUIRED

Supporting Courses

RECOMMENDED PREREQUISITE
CC1233 - Principles of Business,
Marketing & Finance

CC1234 - Business Information
Management I

CC1247 - Social Media Marketing

CC1248 - Advertising



Marketing

CTC Only

Home Campus
or CTC

Dual Credit

Home Campus

⚠ Certification Earned!

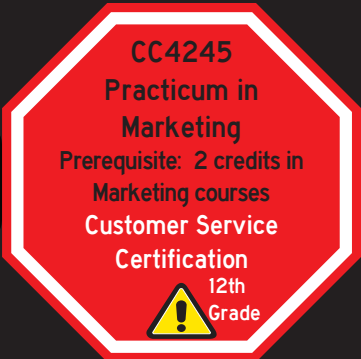
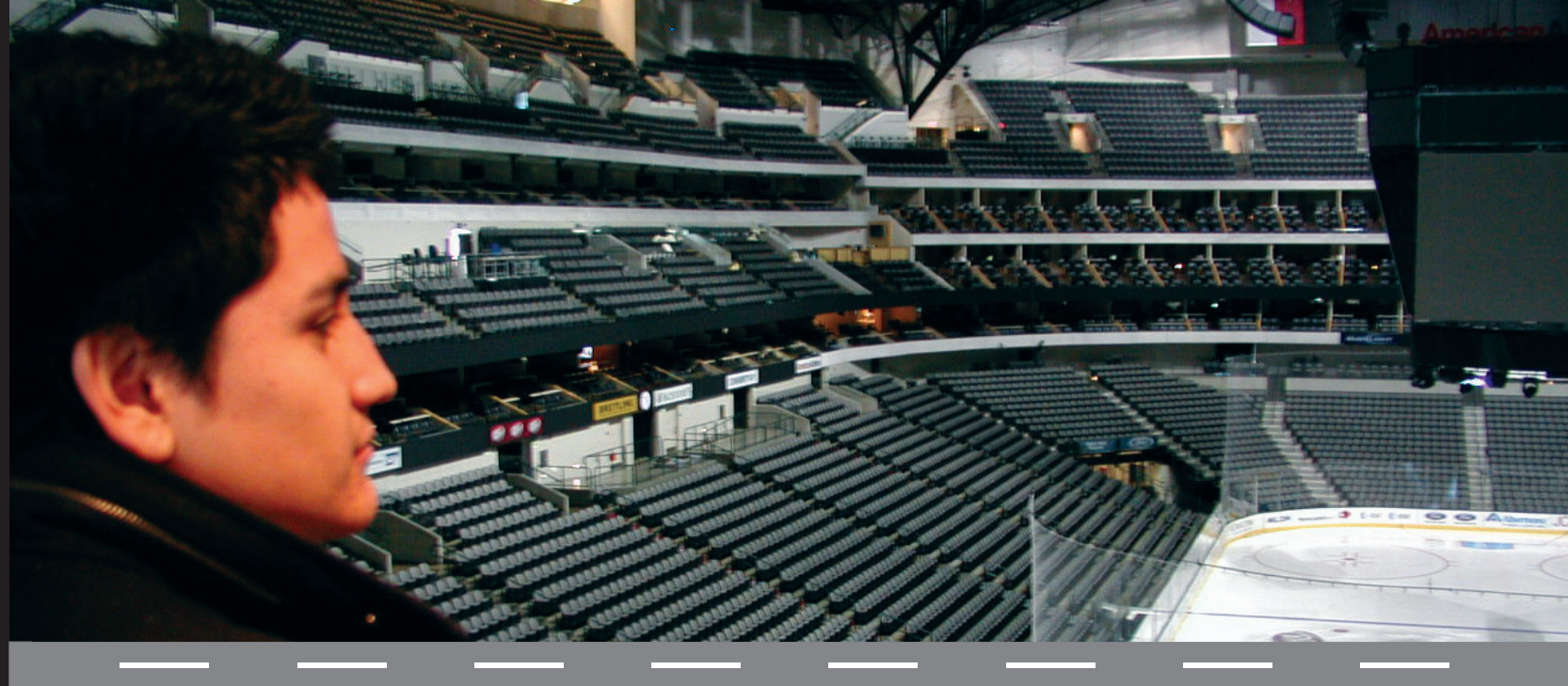
EXIT 66

EXIT 67



SELL
YOUR
SKILLS

Although marketing involves many skills - advertising, public relations, research, customer service, and special event planning - selling is the bottom line. If you can share your enthusiasm for products and services with others, enjoy a wide variety of daily activities and yearn to be creative, then a future in marketing can close the deal!



APPLICATION REQUIRED

- Supporting Courses
- CC1233 - Principles of Business, Marketing & Finance
 - CC1234 - Business Information Management I
 - CC1247 - Social Media Marketing
 - CC1248 - Advertising



CTC Only	Home Campus or CTC
Dual Credit	Home Campus

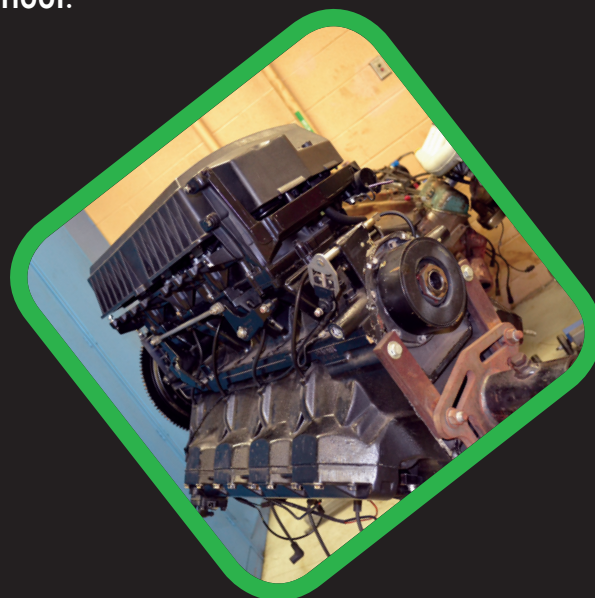
⚠ Certification Earned!

Business & Industry

Moritz
Automotive
Technology
Center

MORITZ
DEALERSHIPS

Shift your career into high gear! With automotive courses, you will be prepared to enter the workforce as an entry level service technician with the skills necessary to work with the latest high tech automotive equipment. This hands-on program gets you under the hood of real cars and ready to continue your education after high school.



CC4285
Automotive Technology I
OSHA Certification



11th-12th
Grades

ONE WAY →

CC4286
Automotive Technology II
Prerequisite: Auto Tech I
ASE Student Certification



12th
Grade

Supporting Courses

CC1277 - Introduction to Welding

CC1219 - Agriculture Mechanics &
Technologies

CC4287- Practicum in
Transportation
APPLICATION REQUIRED

Dual Credit Option

TCC Automotive Engine
Analysis
Introduction to Automotive
Technology
Auto Brake Systems
Auto Electrical Systems
Auto Diagnosis

11th
Grade

ONE WAY →

TCC Automotive Engine
Analysis
Auto Engine Performance
and Analysis
Auto Engine Analysis II

12th
Grade



Transportation,
Distribution
& Logistics

CTC Only

Home Campus
or CTC

Dual Credit

Home Campus

⚠ Certification Earned!

EXIT 70

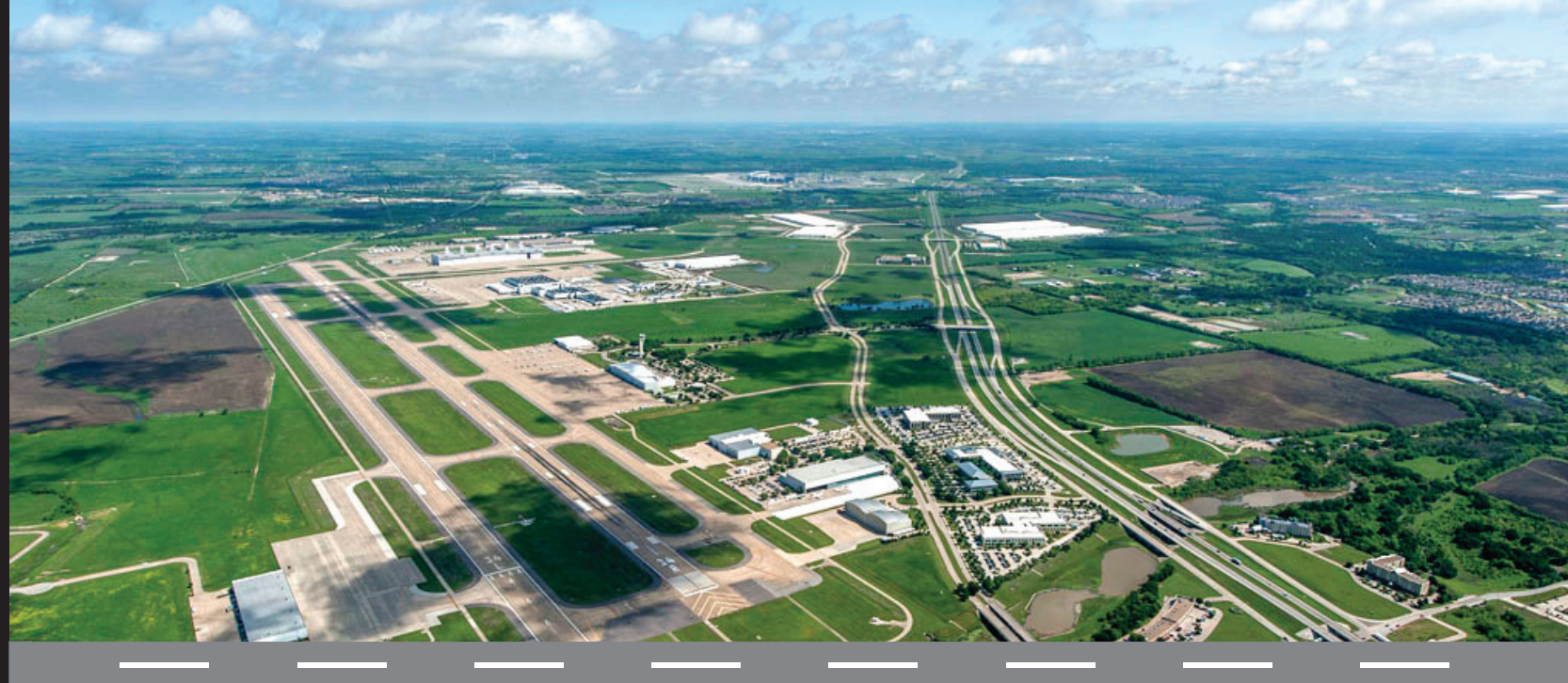
EXIT 71



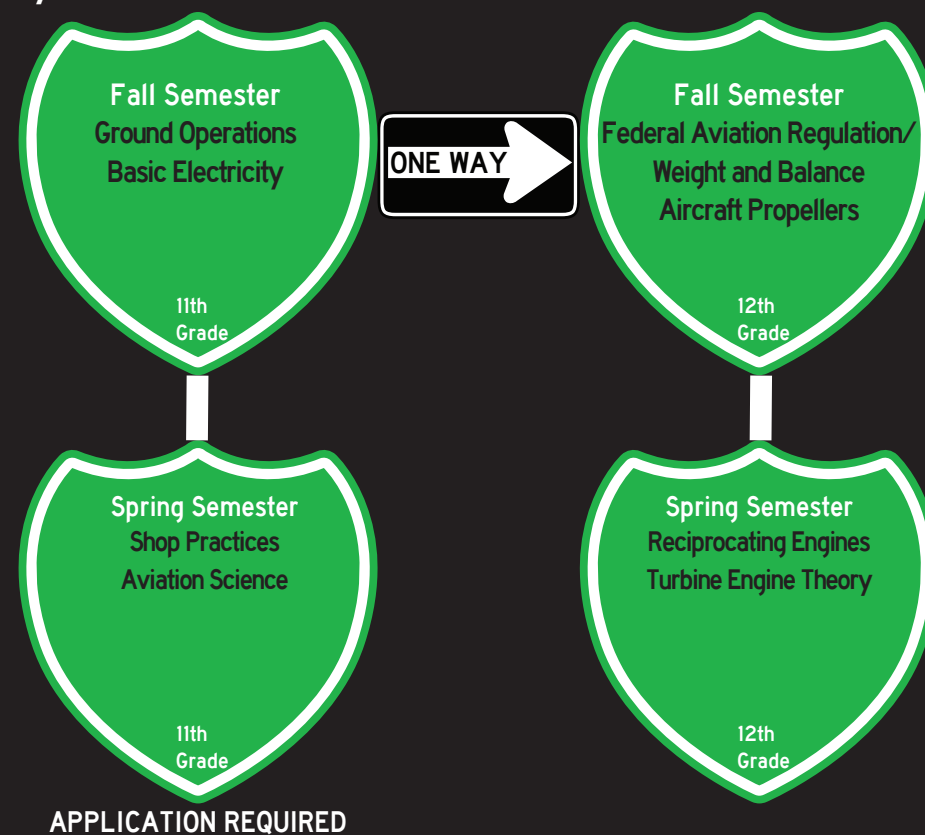
Take your career to new heights as an aviation maintenance technician! This two-year, approved Federal Aviation Administration (FAA) program trains students to become licensed aviation maintenance technicians performing maintenance and repairs on various types of aircraft, such as commercial/non-commercial airplanes, helicopters, and jets.



Program:
The classes are open by application to students from all AISD high schools. This is a two-year, dual credit program. Classes are taught by TCC instructors who are trained and have industry experience in airframe and powerplant mechanics.



Dual Credit Only

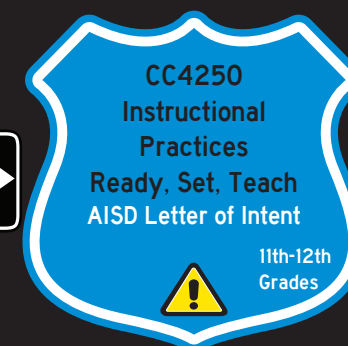


CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!

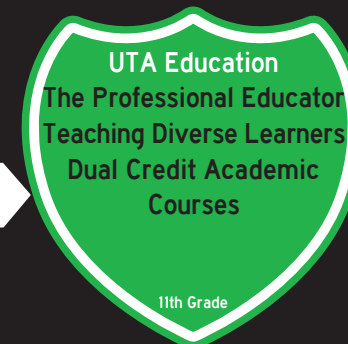


Do you want to make a difference in a child's life? Education can be a great career choice! Educators help students acquire new knowledge and skills and positively impact their lives. Education also provides many job opportunities in teaching fields at all grade levels.



APPLICATION REQUIRED

Dual Credit Option

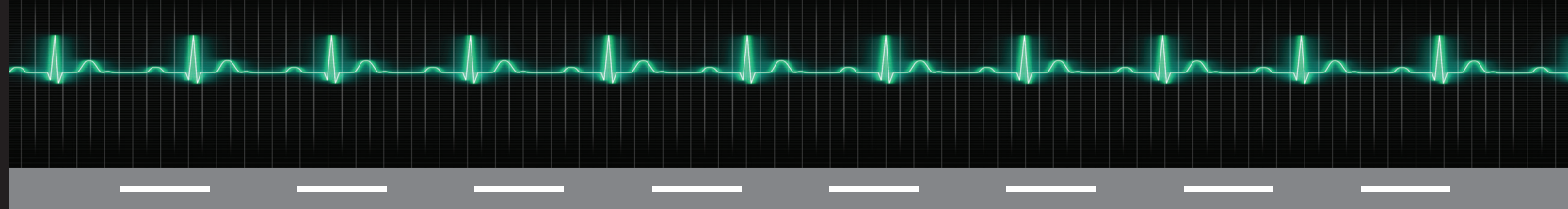


APPLICATION REQUIRED



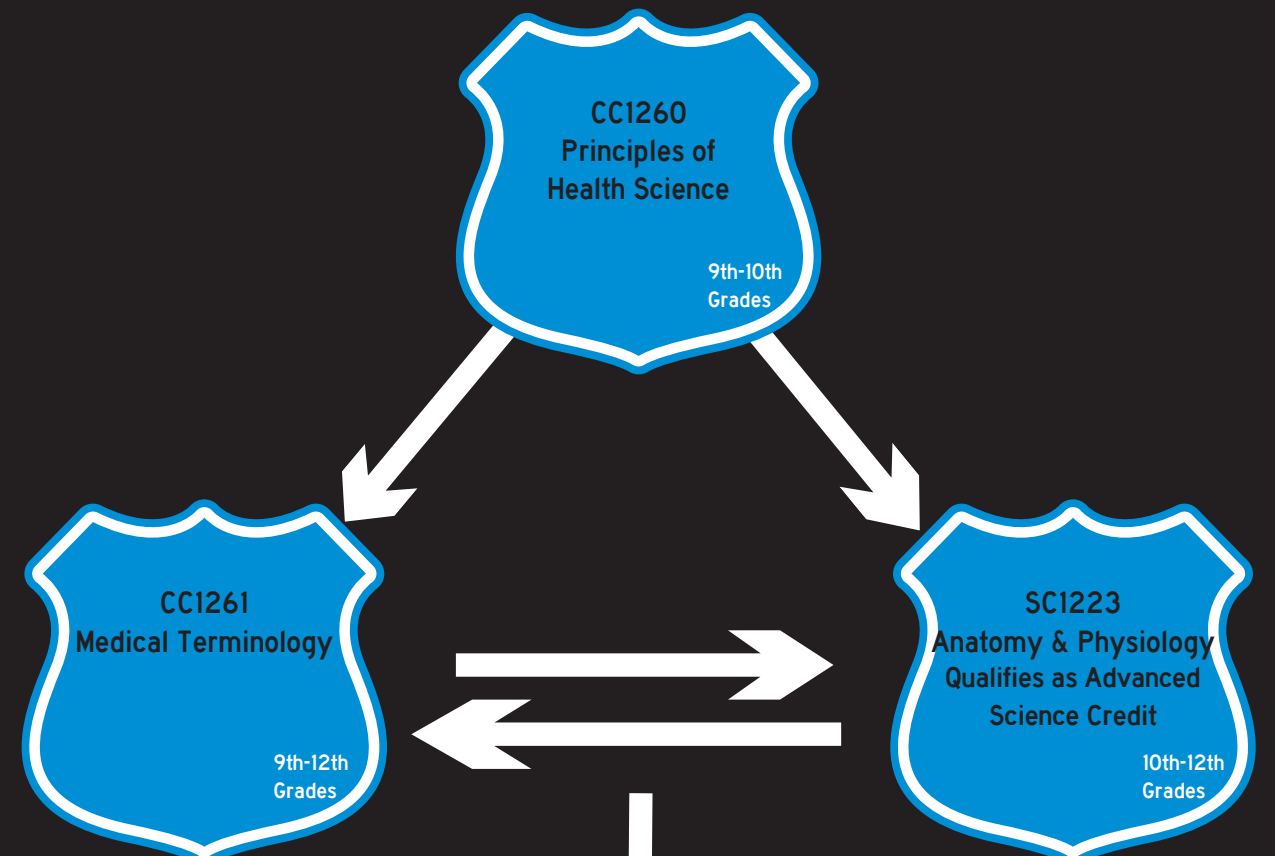
CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



Serious about becoming a first responder but not interested in becoming a firefighter? AISD now offers the Emergency Medical Technician Program. Learn to respond to the call quickly, administer basic life support, become BLS CPR certified and prepare to take the National Registry of Emergency Medical Technicians Basic Certification exam. Your career is waiting!

RESPOND
TO THE
CALL



Supporting Courses

CC4260 - Health Science Theory & Lab

- BLS Certification
- Phlebotomy Certification
- EKG Certification

CC1361 - PLTW Human Body Systems

Supporting Courses

CC1263 - Pharmacology

- Pharmacy Technician Certification

SC1224 - Medical Microbiology Qualifies as Adv. Science Credit

SC1225 - Pathophysiology Qualifies as Adv. Science Credit

CC6869
Emergency Medical Tech.
Prerequisites: Medical Term. & Anatomy & Physiology or Human Body Systems
CPR & Basic EMT Certifications
12th Grade

APPLICATION REQUIRED



Health Science

CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



CHARTING
SUCCESS

As a health information technician, you might provide support in doctors' offices, hospitals, or to third-party payers by providing data to medical staff at the point of care. This field is ideal for individuals who wish to work in the dynamic health care industry, but not directly in patient care, and want room to grow in your career.



Supporting Courses

CC1260 - Principles of Health Science

SC1223 - Anatomy & Physiology
Qualifies as Adv. Science Credit

SC1225 - Pathophysiology
Qualifies as Adv. Science Credit

CC4260- Health Science Theory & Lab



CTC Only

Home Campus
or CTC

Dual Credit

Home Campus

⚠ Certification Earned!

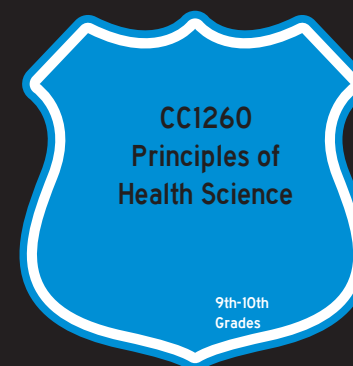
EXIT 78

EXIT 79



HEALTHY
FUTURE

Everyone needs health care. By taking courses in the patient care technician program of study, you will be prepared to work as an entry-level patient care technician. If you feel a calling to care for others or want to pursue a profession on the cutting edge of technology, then health science may be the career field for you.



APPLICATION REQUIRED

Supporting Courses

- CC1261 - Medical Terminology
- CC1263 - Pharmacology
 - Pharmacy Technician Certification
- CC1361 - PLTW Human Body Systems
- SC1223 - Anatomy & Physiology
 - Qualifies as Advanced Science Credit
- SC1224 - Medical Microbiology
 - Qualifies as Advanced Science Credit
- SC1225 - Pathophysiology
 - Qualifies as Advanced Science Credit



CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!

EXIT 80

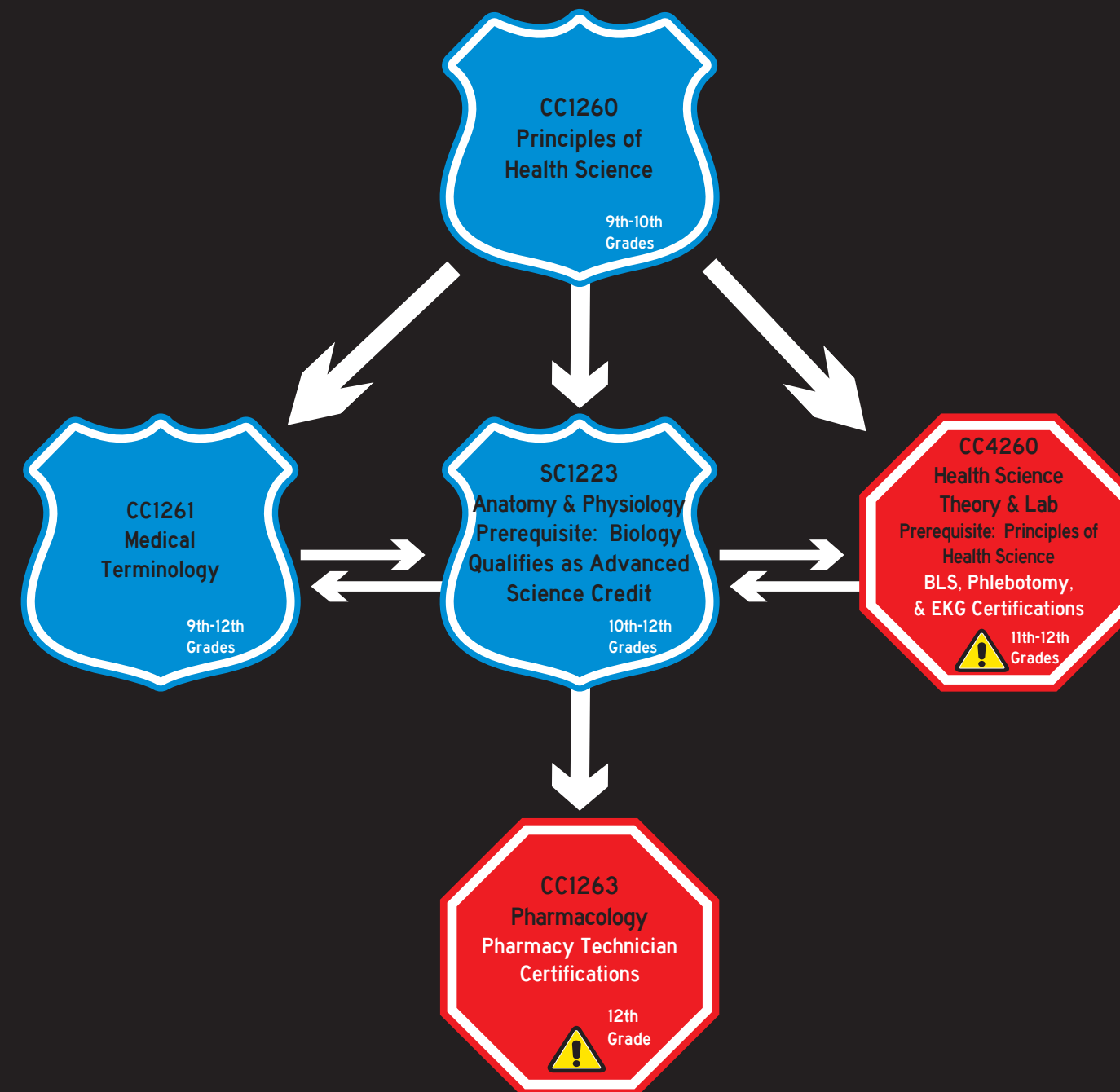
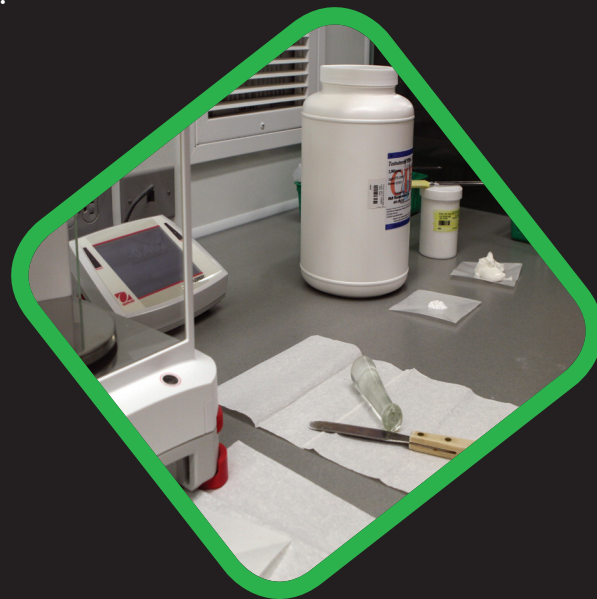
EXIT 81





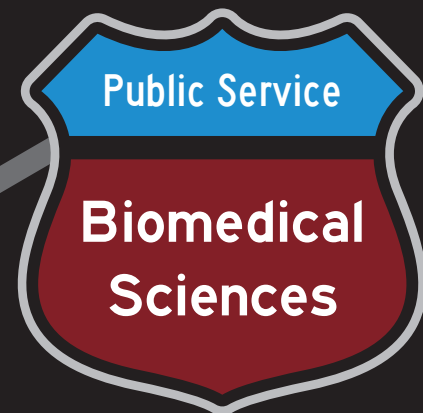
If you are passionate about helping others, enjoy science and are detailed-oriented, than a career as a pharmacy technician could be for you. In this program you will learn to dispense prescription drugs and other medical devices to patients under the direct supervision of a licensed pharmacist. Make a career in pharmacy your cure!

PRESCRIPTION
FOR
SUCCESS



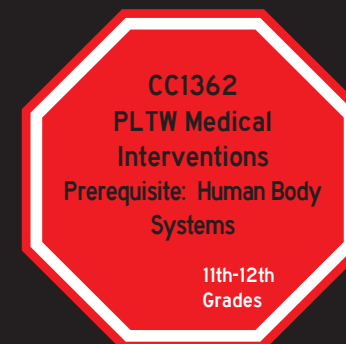
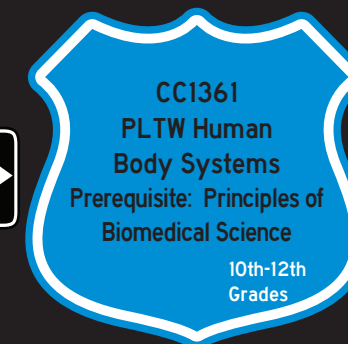
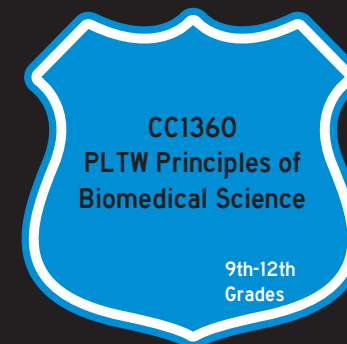
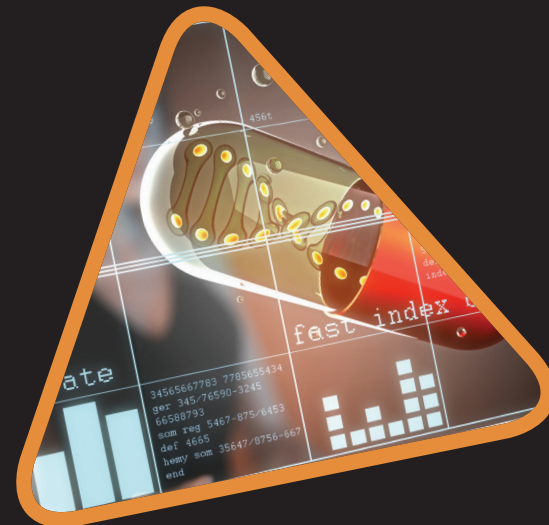
CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



If you like asking questions, solving problems, making discoveries and creating projects then Biomedical Science is for you! These rigorous Project Lead the Way courses allow you to investigate the roles of biomedical professionals as they study the concept of human medicine, physiology, genetics, microbiology, public health and more. The opportunities in biomedical science are so great that regardless of where your interests lie, there is a career for you!

EXPLORE
QUESTION
DISCOVER
SOLVE



Supporting Courses

CC1261 - Medical Terminology

CC1263 - Pharmacology

- Pharmacy Technician Certification



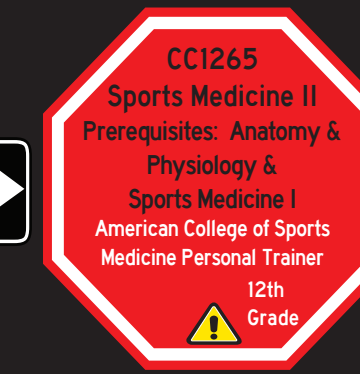
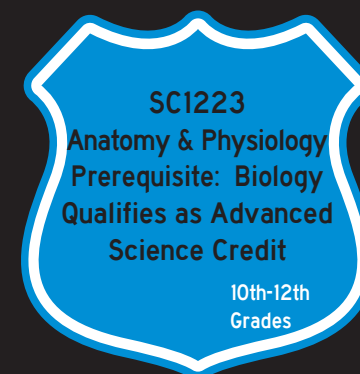
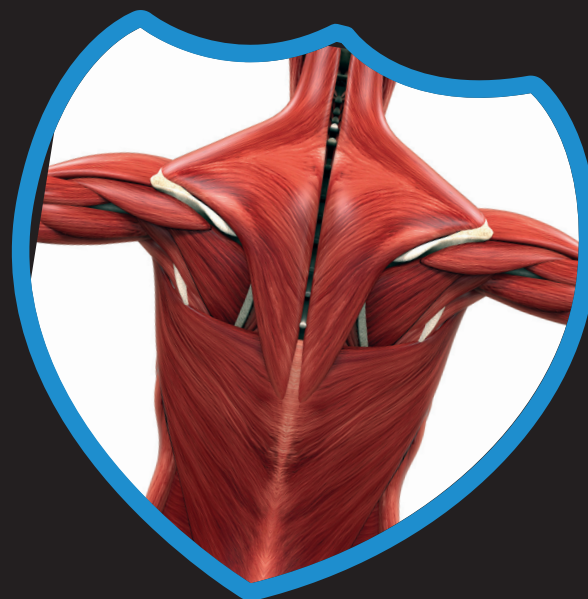
CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



A CAREER HOME RUN

Do you enjoy learning about physical fitness and how to prevent and care for sports-related injuries? Courses in sports medicine will prepare you to work with injured athletes under the supervision of an athletic trainer. Skills include the application of splints and braces, ensuring the proper fit of sports equipment and educating athletes on how to prevent injury.



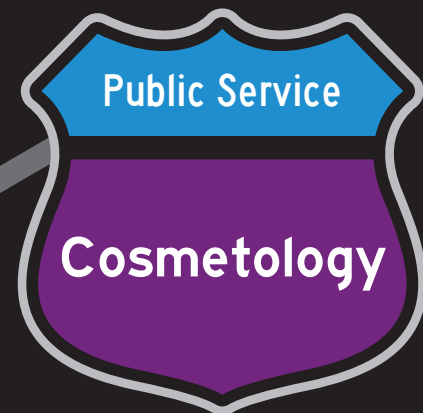
Supporting Courses

- CC1260 - Principles of Health Science
- CC1261 - Medical Terminology
- CC1361 - PLTW Human Body Systems
- CC4260 - Health Science Theory & Lab



CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



STYLE
FOR
SUCCESS

Are you driven by the desire to assist others? Are you organized and enjoy the latest trends in hair and makeup? Do you possess good communications skills? A career in cosmetology might be right for you!

The AISD cosmetology program is a two-year program for students who are serious about obtaining their Texas State Cosmetology Operators License. The program is designed to prepare you for an entry-level position in a cosmetology career.



APPLICATION REQUIRED



Prerequisite: Cosmetology I
Texas Cosmetology
Operators License

Supporting Courses

CC1250 - Principles of Human Services

CC1234 - Business Information Management I

CC1252 - Interpersonal Studies

CC4252- Practicum in Human Services

APPLICATION REQUIRED



Human
Services

CTC Only

Home Campus
or CTC

Dual Credit

Home Campus

⚠ Certification Earned!

EXIT 88

EXIT 89



OUT OF THE
SMOKE...
INTO THE
FLAME!

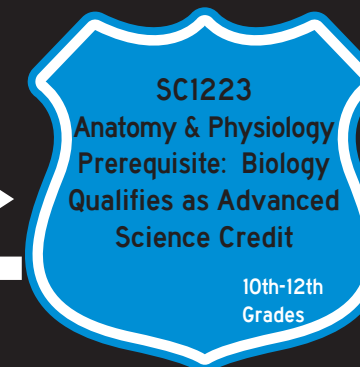
Train to be a firefighter! The Arlington Independent School District has partnered with the Arlington Fire Department and Tarrant County College to provide a firefighter and emergency medical technician program for students in AISD.

Program:

The classes are open by application to students from all AISD high schools. This is a two-year, dual credit program with courses starting at the beginning of your junior year and concluding at the end of your senior year. Classes are taught by TCC instructors who are trained and licensed firefighters. Students who have met all the academic and physical requirements of the program will take the Texas Commission on Fire Protection Certification exam and the National Registry of Emergency Medical Technicians Basic certification exam.



APPLICATION REQUIRED



Supporting Courses

RECOMMENDED PREREQUISITE
CC1267 - Principles of Law,
Public Safety, Corrections &
Security

CC1260 - Principles of Health
Science

CC1361 - PLTW Human Body
Systems



CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



SECURE
YOUR
FUTURE

Rewards are high, boredom is low, and every day brings a new challenge in correctional services. Students will analyze rehabilitation and alternatives to institutionalization while preparing for a rewarding career in corrections.



Supporting Courses

RECOMMENDED PREREQUISITE
CC1267 - Principles of Law, Public
Safety, Corrections & Security

CC1270 - Court Systems & Practices



Law,
Public Safety,
Corrections
& Security

CTC Only

Home Campus
or CTC

Dual Credit

Home Campus

⚠️ Certification Earned!

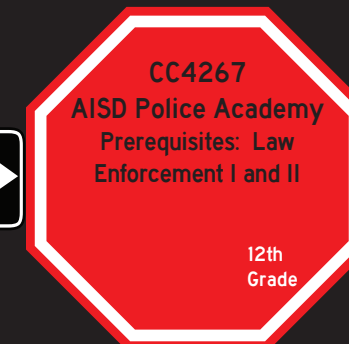
EXIT 92

EXIT 93



ON
THE
SCENE

From law enforcement to courtroom action, learning how the law works is your first step. Whether you're interested in working for a police department, the FBI, CIA, DEA, or in CSI, taking criminal justice classes will put you on the right path.



APPLICATION REQUIRED

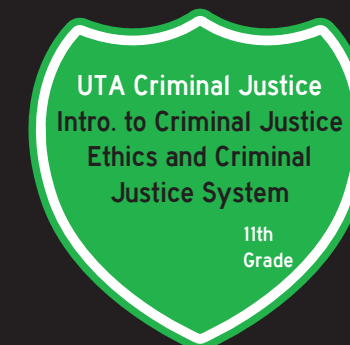
Supporting Courses

RECOMMENDED PREREQUISITE
CC1267 - Principles of Law, Public Safety, Corrections & Security

CC1270 - Court Systems & Practices

SC1226 - Forensic Science
Qualifies as Advanced Science Credit

Dual Credit Option



Law,
Public Safety,
Corrections
& Security

CTC Only

Home Campus
or CTC

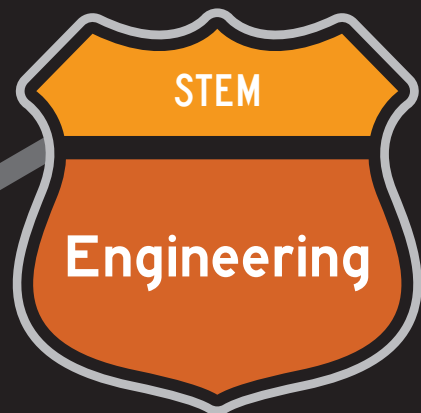
Dual Credit

Home Campus

⚠ Certification Earned!

EXIT 94

EXIT 95

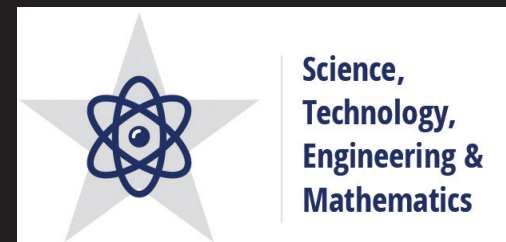
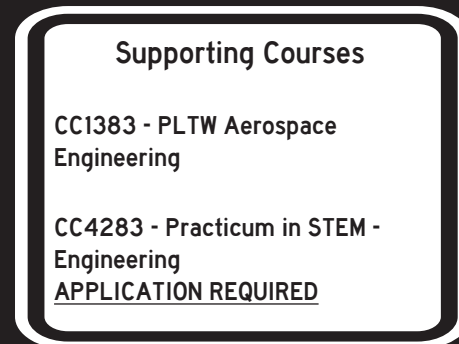
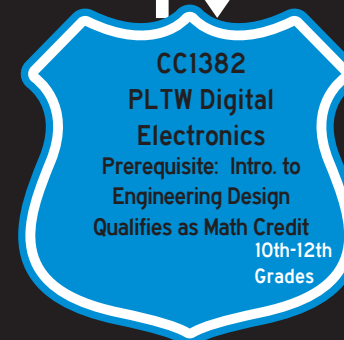
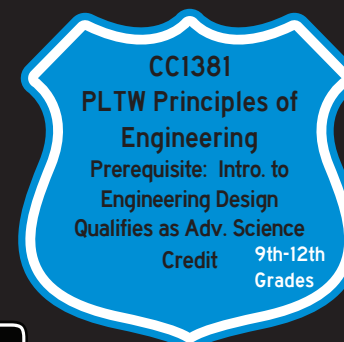
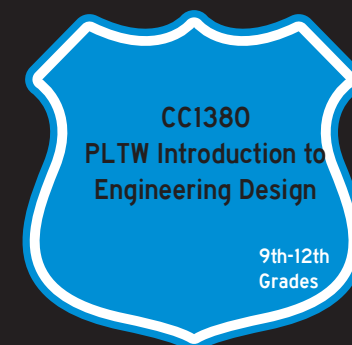


ENGINEERING EXCELLENCE

Engineers are applied scientists. They are people who design, build, test and/or repair anything whose function is based on science and mathematics. As an engineer, you will find new ways to apply engineering principles to everyday life.

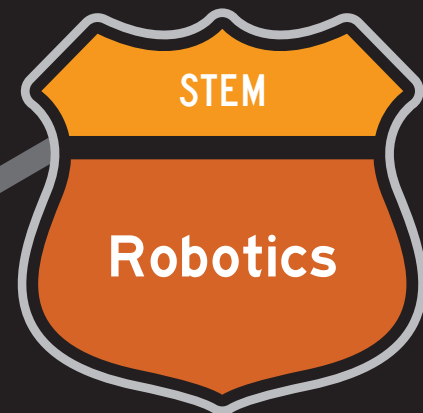
The Project Lead the Way (PLTW) mission is to prepare a diverse group of students to be successful in engineering and engineering technology programs. The Career and Technical Education department in AISD implemented these rigorous sequence of courses to address our nation's shortage of engineers & highly skilled technicians. This translates into opportunities of excellence for you!

Get a head start on your engineering career by taking PLTW's 8th grade Gateway to Technology course for high school credit!



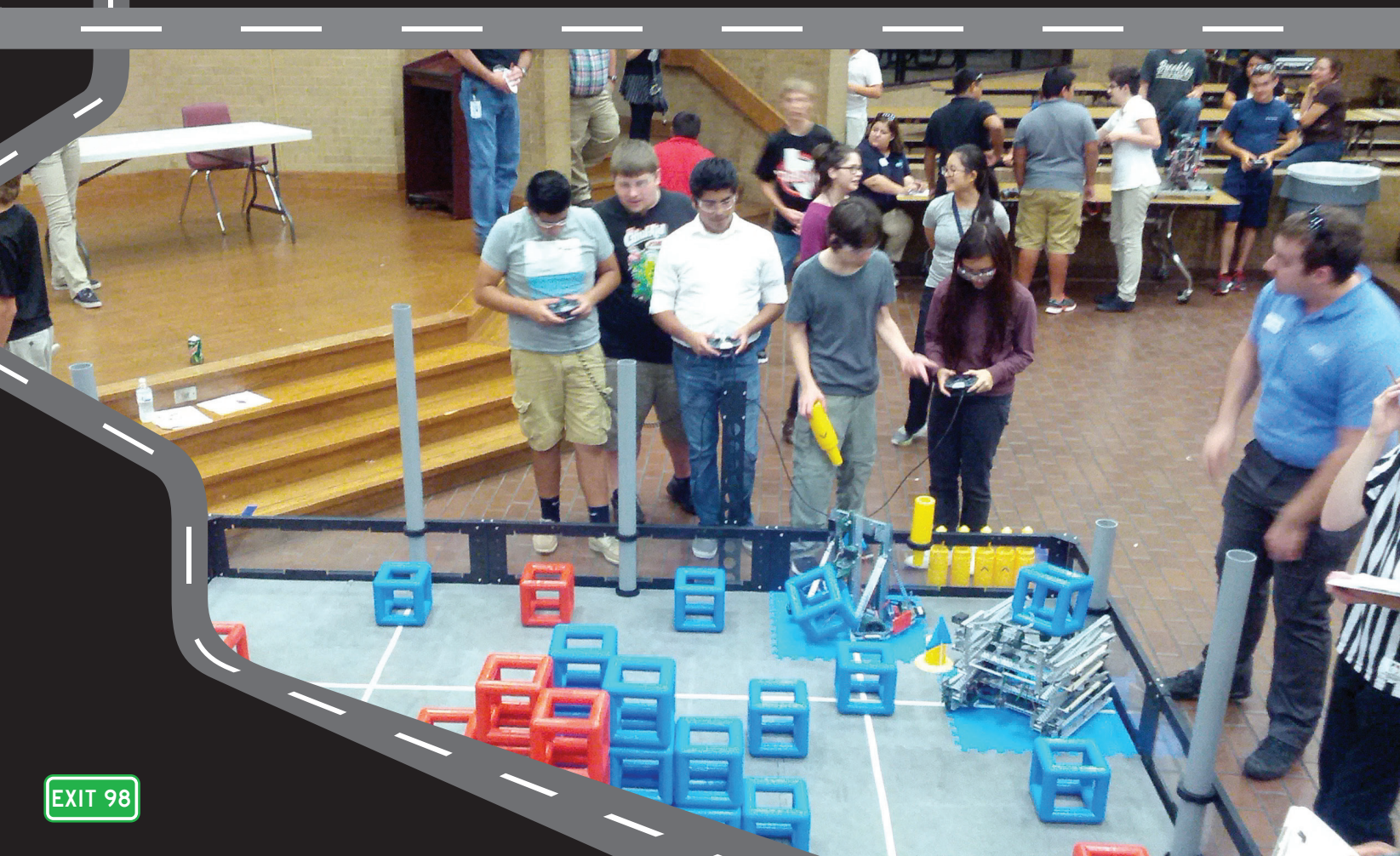
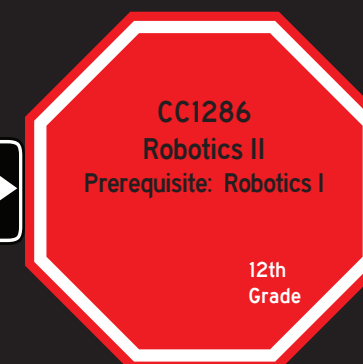
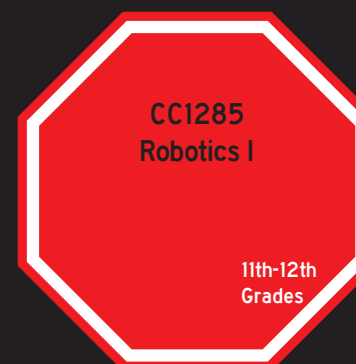
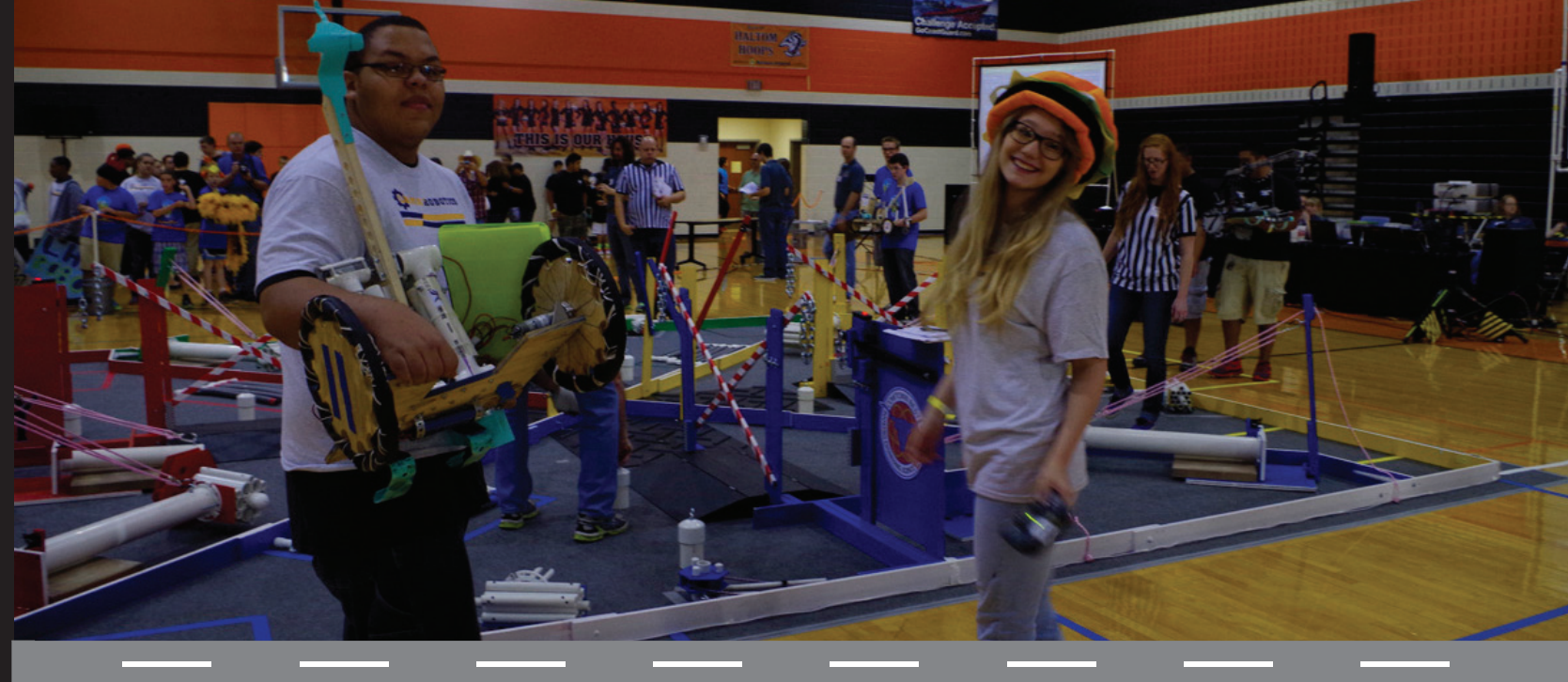
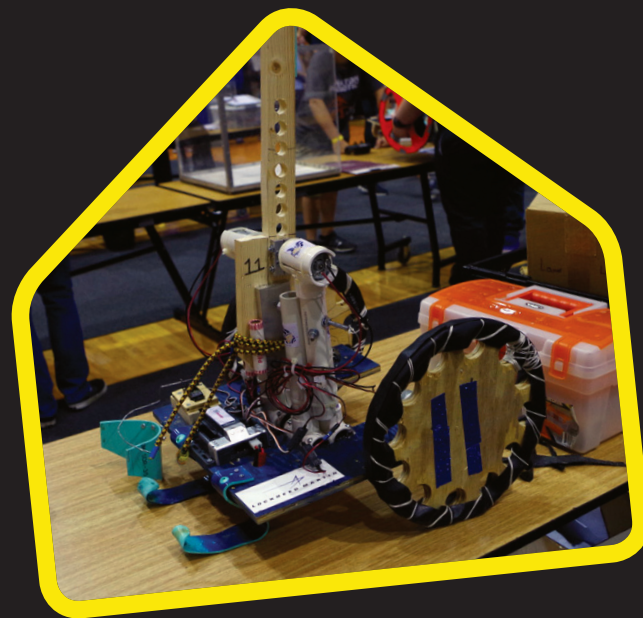
CTC Only	Home Campus or CTC
Dual Credit	Home Campus

⚠ Certification Earned!



BUILD A
BETTER
CAREER

If you crave innovation and are willing to go where no one has gone before, then robotics could be the career for you. Courses in this program will give you the technical skills to program and even manufacture automated machines. How far can your imagination take you?



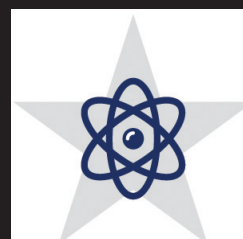
Supporting Courses

CC1380 - PLTW Introduction to Engineering

CC1381 - PLTW Principles of Engineering
Qualifies as Advanced Science Credit

CC1382 - PLTW Digital Electronics
Qualifies as a Math Credit

CC4283- Practicum in STEM - Engineering
APPLICATION REQUIRED



Science,
Technology,
Engineering &
Mathematics

CTC Only

Home Campus
or CTC

Dual Credit

Home Campus

⚠ Certification Earned!

EXIT 98

EXIT 99

