GILBREATH-REED CAREER AND TECHNICAL CENTER
4885 N. President George Bush Hwy. Garland TX 75040
972-487-8589

GRCTC COURSES

PROGRAM NAME	GRADE LEVEL	REQUIRED COURSES	ADDITIONAL INFORMATION
Veterinary Medical 1st year – 8A940 A/B (2 credits) 2nd year – 8A950 A/B (2 credits)	11TH – 12TH	▪ Small Animal or Equine Science or Livestock Production • Seniors in the first year class can complete the Vet. Assistant Certification but they must pass the written exam and do their 300 clinical hours in the same year, which can be challenging.	CCMR – Certified Vet Assist. Level 1 Written exam + 300 clinical hours Dual Credit - None Total cost - $180 Uniform – Scrubs 2nd year Internship – Required - off campus & students provide their own transportation
Architectural Design 2 1st year – 8B900 A/B (2 credits) OR 8B905 A/B DC (2 credits) 2nd year – 8B910 A/B (2 credits) OR 8B915 A/B DC (2 credits)	11TH – 12TH	▪ Architecture Design 1 or Interior Design II ▪ Geometry ▪ DC Courses 1st year – ARCH 1307/ARCH 1308 2nd year – ARCH 1303/ARCH 1304	CCMR – Autodesk Certified Professional or User in Revit Architecture Dual Credit – 1st year – 6 hours 2nd year – 6 hours Total Cost – None Uniform – None 2nd year Internship – Optional – off campus & students provide their own transportation
Interior Design 2 1st year – 8B950 A/B (2 credits) 2nd year – 8B920 A/B (2 credits)	11TH – 12TH	• English II • Geometry • Interior Design 1	CCMR – Adobe Illustrator & Autodesk Certified Professional or User in Revit Architecture Dual Credit – None Total Cost – None Uniform – None Internship – Not required
Electrical 1st year – 8B930S (Fall) & 8B931S (Spring) (2 credits) 2nd year – 8B940 A/B (2 credits) 3rd year – 8B942 A/B (2 credits) **** Completer Status in 2 years**	10TH – 12Th	• None	CCMR – NCCER Electrical Level 1 & NCCER Core Curriculum Dual Credit – None Total Cost – $30 Uniform – Shirt w/ Sleeves, closed toe shoes, & pants 2nd / 3rd year Internship – Optional – off campus & students provide their own transportation. Students work all day (A or B day) and must have 4 periods in their schedule for the Work Program class and 2 release periods on the same day.

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Fashion Design 2 1st year – 8C930 A/B (2 credits) OR 8C935 A/B DC (2 credits) 2nd year – 8C985 A/B DC (2 credits)	11TH – 12Th	• Fashion Design I • DC Courses 1st year – FSHD 1308/FSHN 1313 2nd year – FSHN 2307	CCMR – Must complete 9 hrs DC Dual credit – 1st year – 6 hours 2nd year – 3 hours Total Cost – purchase fabric/patterns for 5 projects Uniform – None Internship – Not required
Graphic Design 2 1st year – 8C960 A/B (2 credits) 2nd year – 8C970 A/B (2 credits)	11TH – 12TH	▪ Graphic Design 1	CCMR – Adobe Photoshop & Adobe Illustrator Dual Credit – None Total Cost – $15 Uniform – None Internship – Not required
Video Game Programming 1st year – 8C990S (Fall) & 8C993S (Spring) (2 credits) 2nd year – 8C996 A/B (2 credits) **** Completer Status in 2 years**	11TH – 12TH	• None	CCMR – Microsoft Technology Associate Python Dual Credit – None Total Cost – None Uniform – None Internship – Not required
Accounting & Financial Services 1st year – 8F900S (Fall) & 8F915S DC (Spring) (2 credits) 2nd year – 8F950 A/B (2 credits) **** Completer Status in 2 years**	11TH – 12TH	▪ Accounting I ▪ Dual Credit Acceptance Required for 1st year students in Accounting 2 ▪ DC Courses 1st year – ACNT 1304 ▪ By Invitation Only Accounting I (Fall) – 8F905S DC Accounting II (Spring) – 8F915S DC DC Courses – ACNT 1303/ACNT 1304 (6 hours)	CCMR – Intuit Quick Books Certified User and Entrepreneurship & Small Business Dual Credit – 1st year – 3 hours Total Cost - None Uniform – None Internship – Not required
Business Management (BCIM 2) 1st year – 8D930S (Fall) & 8D910S(Spring) (2 credits) 2nd year – 8D950 A/B (2 credits) **** Completer Status in 2 years**	11TH – 12TH	• BCIM 1	CCMR – Microsoft Word Specialist & Expert, Microsoft Excel Specialist & Expert, and Entrepreneurship & Small Business Dual Credit – None Total Cost – $20 Uniform – None 2nd year Internship – Required - Off campus and students provide their own transportation (may have opportunity to intern on campus if transportation is an issue)
Marketing 1st year – 8N930S (Fall) & 8N960S (Spring) (2 credits) OR 8N935S DC (Fall) & 8N965S DC (Spring) (2 credits) 2nd year – 8N975 A/B DC (2 credits) **** Completer Status in 2 years**	11TH – 12TH	• None ▪ DC Courses 1st year – MRKG 1311/MRKG 1302 2nd year – BUSG 2309/MRKG 1301	CCMR – Entrepreneurship & Small Business Dual Credit – 1st year – 6 hours 2nd year – 6 hours Total Cost – None Uniform- None Internship – Not required

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Dental Assistant 1st year – 8H950 A/B (2 credits)	12TH	▪ Principles of Health Science ▪ Health Science Theory (1 credit) OR Health Science Clinical (2 credit) ▪ Biology • Students are required to have all state mandated vaccinations plus a flu vaccine and TB test for exposure. Students will take a drug screen.	CCMR – Registered Dental Assistant Dual Credit – None Total Cost - $230 Uniform – Scrubs Internship – Required - Minimum of 55 clinical hours. Off campus – students must provide their own transportation. Students must have Health Insurance coverage during Spring Externship.
Medical Assistant 1st year – 8H942 A/B (2 credits)	12TH	▪ Principles of Health Science ▪ Health Science Theory (1 credit) OR Health Science Clinical (2 credit) ▪ Biology • Recommended Prerequisite: Anatomy and Physiology Medical Terminology	CCMR – Clinical Medical Assistant & Certified EKG Technician Dual Credit – None Total Cost - $50 Uniform – Scrubs w/ White, Black, or Grey Shoes. Non-Smart Watch w/ second hand Internship – Not required at this time
Pharmacy Technician 1st year – 8H960 A/B (2 credits)	12TH	▪ Principles of Health Science ▪ Health Science Theory (1 credit) OR Health Science Clinical (2 credit) ▪ Biology • Students are required to have all state mandated vaccinations plus a flu vaccine and TB test for exposure. Students will take a drug screen.	CCMR – Certified Pharmacy Technician Dual Credit – None Total Cost - $270 Uniform – Scrubs Internship – Required – Off campus – Students must provide their own transportation. Students must have Health Insurance coverage during their externship.
Culinary Arts 1st year – 8I900A (Fall) & 8I905B DC (Spring) (2 credits) 2nd year – 8I915A DC (Fall) & 8I910B (Spring) (2 credits) 3rd year – 8I925 A/B DC (2 credits)	10TH – 12TH	▪ Principles of Hospitality or Introduction to Culinary Arts • Dual Credit Acceptance Required ▪ DC Courses 1st year – CHEF 1305 2nd year – CHEF 1301 3rd year – CHEF 2331/PSTR 1301	CCMR – ServSafe Manager Dual Credit – 1st year – 3 hours 2nd year – 3 hours 3rd year – 6 hours Total Cost - $40 Uniform – Yes Internship – Not required
Hospitality 1st year – 8I940 A/B (2 credits) 2nd year – 8I950 A/B (2 credits)	11TH – 12TH	• None • 1st year focus – Restaurant Industry, Food & Beverage • 2nd year focus – Hotel & Lodging	CCMR – ServSafe Manager Dual Credit- None Total Cost – None Uniform – Polo Shirt, Hat, and Apron provided for each student Internship – Not required

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Web Development 1st year – 8K972S (Fall) & 8K973S (Spring) (2 credits) 2nd year – 8K980 A/B (2 credits) **** Completer Status in 2 years**	11TH – 12TH	None	CCMR – Adobe Photoshop & Adobe Illustrator Dual Credit – None Total Cost – None Uniform – None Internship – Not required
Emergency Medical Technician (EMT) 1st year – 8H975 A/B DC (2 credits)	12TH	• Anatomy and Physiology • Dual Credit Acceptance Required • DC Courses 1st year – EMSP 1501/EMSP 1164	CCMR – Emergency Medical Technician Basic Dual Credit – 6 hours Total Cost - $175 Uniform – Shirt, pants, and boots Internship – Required 96 clinical hours. Off campus – students must provide their own transportation
Firefighting 1st year – 8L905 A/B DC (2 credits) 2nd year – 8L925 A/B DC (2 credits) 3rd year – 8L915 A/B DC (3 credits) *Must take Anatomy as a Junior if they plan to take EMT as a Senior. *3rd year students are strongly encouraged to take the EMT class at the GRCTC as a Senior in addition to their Fire class ***To complete the Firefighting certification and requirements, students must be in the program all 3 years.**	10TH – 12TH	▪ Dual Credit Acceptance Required ▪ DC Courses 1st year – FIRT 1301/FIRS 1401 2nd year – FIRT 1319/FIRS 1313 3rd year – FIRT 2380/FIRT 1315/ FIRS 1507 • Students are required to do an 80-hour Boot Camp for 2 weeks during the summer after they complete their first year of the program. Students are required to do another 80-hour Boot Camp for 2 weeks during the summer after they complete their second year of the program.	CCMR – Basic Structure Fire Protection Certification (3rd year) Dual Credit – 1st year – 7 hours 2nd year – 6 hours 3rd year – 11 hours Total Cost - $85 Uniform – Shirt, black pants, black belt, and black boots 3rd year Internship – Required – Off campus – students must provide their own transportation. Students will be in class from 11:30 am - 4:00 pm
Manufacturing Engineering 1st year – 8M940S (Fall) & 8M950S (Spring) (2 credits) 2nd year – 8M960 A/B (2 credits) **** Completer Status in 2 years**	11TH – 12TH	▪ None	CCMR – NCCER Core Curriculum Dual Credit – None Total Cost – $25 Uniform – Shirt & Work Boots Internship – Not required
Metal Manufacturing 1st year – 8M900 A/B (2 credits) 2nd year – 8M910 A/B (2 credits)	11TH – 12Th	▪ None	CCMR – AWS Sheet Metal Welding & AWS Structural Steel Dual Credit – None Total Cost – $25 Uniform – Shirt & Work Boots Internship – Not required
Robotics 2 1st year – 8M942S (Fall) & 8O900S (Spring) (2 credits) 2nd year – 8M990 A/B (2 credits) **** Completer Status in 2 years**	11TH – 12TH	• Robotics 1	CCMR – NCCER – Core Curriculum Dual Credit – None Total Cost – $25 Uniform- Shirt Internship – Not required

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Engineering Design 2 1st year – 8O960 A/B (2 credits) 2nd year – 8O970 A/B (2 credits)	11TH – 12TH	▪ Algebra 1 ▪ Geometry • Engineering Design I	CCMR – Certified SolidWorks Associate & Autodesk Certified Professional or User - Inventor Dual Credit – None Total Cost – None Uniform – None Internship – Not required
Network & Cyber Security 1st year – 8K906S (Fall) & 8K930S (Spring) (2 credits) OR 8K907S DC (Fall) & 8K935S DC (Spring) (2 credits) 2nd year – 8O985S DC (Fall) & 8O995S DC (Spring) (2 credits) ****Completer Status in 2 years**	11TH – 12TH	▪ None ▪ DC Courses 1st year – ITSC 1325/ITNW 1325 2nd year – ITNW 1354/ITSY 1300	CCMR– CompTIA A+, CompTIA IT Fundamentals+ & Cisco CCT (1st yr) CompTIA Security +, CompTIA Network +, CompTIA Project +, CompTIA Cloud Essentials + & Cisco CCNA (2nd year) Dual Credit – 1st year – 6 hours 2nd year – 6 hours Total Cost – None Uniform – None Internship – Not required
Outdoor Power 1st year – 8P900S (Fall) & 8P910S (Spring) (2 credits) 2nd year – 8P930 A/B (2 credits) **** Completer Status in 2 years**	11TH – 12TH	• None	CCMR – NCCER Core Curriculum Dual Credit – None Total Cost - $25 Uniform – Shirt & Work Boots Internship – Not required