

		AGRICULTURE, FOOD, AND NATURAL RESOURCES PROGRAM			
		Animal Science Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Agriculture, Food, and Natural Resources <i>No Prerequisite</i>	CAG010	1.0	9-11	All HS
2	Small Animal Management (Fall) <i>Prerequisite: Principles of Agriculture, Food and Natural Resources</i>	CAG030	0.5	10-12	All HS
2	Equine Science (Spring) <i>Prerequisite: Principles of Agriculture, Food and Natural Resources</i>	CAG040	0.5	10-12	All HS
3	Livestock Production (Advanced CTE Course) <i>Prerequisite: Small Animal Management and Equine Science</i>	CAG020	1.0	11-12	All HS
4	Advanced Animal Science* (Advanced CTE Course) <i>Prerequisite: Biology and Chemistry or IPC; Algebra I and Geometry; Livestock Production; At least 3 credits in Animal Science Pathway</i>	CAG060	1.0	12	All HS
4	Veterinary Medical Applications + Lab ^ (Advanced CTE Course) <i>Prerequisite: Livestock Production</i>	CAG320	2.0	12	RCTC
	Floral Design* (Non-Pathway Course) <i>No Prerequisite</i>	CAG190	1.0	9-12	All HS


Small Animal Management is only offered in the fall semester at all campuses
 Equine Science is only offered in the spring semester at all campuses
 *Advanced Animal Science fulfills a science credit requirement. Non-pathway students may not enroll in this course without completing all prerequisites.
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program
 ^Students must complete 500 hours of hands-on skills attainment under the supervision of a licensed Veterinary Technician for certification
 *Floral Design fulfills a fine arts requirement


		ARCHITECTURE AND CONSTRUCTION PROGRAM			
		Architectural Design Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Architecture <i>No Prerequisite</i>	CAC010	1.0	9-11	All HS
2	Architectural Design I <i>Prerequisite: Principles of Architecture, Algebra I, and English I</i>	CAC070	1.0	10-12	All HS
3	Architectural Design II (Advanced CTE Course) <i>Prerequisite: Architectural Design I and Geometry</i>	CAC080	2.0	11-12	All HS
4	Career Preparation I (Advanced CTE Course) <i>Prerequisite: Architectural Design II</i>	CTE520	2.0	12	RCTC


Career Preparation requires a completed student application and acceptance into course. Students must be 16 years of age, provide personal transportation to their training site, and attend a required summer orientation.


		ARCHITECTURE AND CONSTRUCTION PROGRAM			
		Electrical Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Construction <i>Prerequisite: Concurrent enrollment in Electrical Technology I</i>	CAC020	1.0	11-12	RCTC
2	Electrical Technology I <i>Prerequisite: Concurrent enrollment in Principles of Construction</i>	CAC220	1.0	11-12	RCTC
3	Electrical Technology II (Advanced CTE Course) <i>Prerequisite: Principles of Construction and Electrical Technology I</i>	CAC230	2.0	12	RCTC

Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program


	ARCHITECTURE AND CONSTRUCTION PROGRAM				
	HVAC and Sheet Metal Pathway				
#	Course	Course #	Credit	Grade	Location
1	Principles of Construction <i>Prerequisite: Concurrent enrollment in Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I</i>	CAC020	1.0	11-12	RCTC
2	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I <i>Prerequisite: Concurrent enrollment in Principles of Construction</i>	CAC240	1.0	11-12	RCTC
3	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II (Advanced CTE Course) <i>Prerequisite: Principles of Construction and Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I</i>	CAC250	2.0	12	RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program					


	ARCHITECTURE AND CONSTRUCTION PROGRAM				
	Plumbing and Pipefitting Pathway				
#	Course	Course #	Credit	Grade	Location
1	Principles of Construction <i>Prerequisite: Concurrent enrollment in Plumbing Technology I</i>	CAC020	1.0	11-12	RCTC
2	Plumbing Technology I <i>Prerequisite: Concurrent enrollment in Principles of Construction</i>	CAC260	1.0	11-12	RCTC
3	Plumbing Technology II (Advanced CTE Course) <i>Prerequisite: Principles of Construction and Plumbing Technology I</i>	CAC270	2.0	12	RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program					


	ARTS, AUDIO/VIDEO TECHNOLOGY, & COMMUNICATIONS PROGRAM				
	Digital Communications Pathway				
#	Course	Course #	Credit	Grade	Location
1	Principles of Arts, A/V Technology and Communications <i>No Prerequisite</i>	CAT010	1.0	9-11	All HS
2	Audio/Video Production I + Lab <i>Prerequisite: Principles of Arts, AV Technology and Communications</i>	CAT090	2.0	10-12	RCTC
3	Audio/Video Production II + Lab (Advanced CTE Course) <i>Prerequisite: Audio/Video Production I + Lab</i>	CAT110	2.0	11-12	RCTC
	Professional Communications* (Non-Pathway Course) <i>No Prerequisite</i>	CAT380	0.5	9-12	All HS
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program					
*Professional Communications fulfills the speech graduation requirement					


		ARTS, AUDIO/VIDEO TECHNOLOGY, & COMMUNICATIONS PROGRAM			
		Design and Multimedia Arts Pathway (ACADEMY)			
#	Course	Course #	Credit	Grade	Location
1	Principles of Arts, A/V Technology and Communications <i>No Prerequisite</i>	CAT010	1.0	9-11	HHS
2	Graphic Design and Illustration I + Lab <i>Prerequisite: Principles of Arts, AV Technology and Communications</i>	CAT150	2.0	10-11	HHS
3	Graphic Design and Illustration II + Lab (Advanced CTE Course) <i>Prerequisite: Graphic Design and Illustration I + Lab</i>	CAT170	2.0	11-12	HHS
	Professional Communications* (Non-Pathway Course) <i>No Prerequisite</i>	CAT380	0.5	9-12	All HS
Academy courses require a completed student application and acceptance in the Digital Media Academy					
*Professional Communications fulfills the speech graduation requirement					


		BUSINESS, MARKETING, AND FINANCE PROGRAM			
		Business Management Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Business, Marketing, and Finance <i>No Prerequisite</i>	CBU010	1.0	9-11	All HS
2	Business Information Management I <i>Prerequisite: Principles of Business, Marketing, and Finance</i>	CBU030	1.0	10-12	All HS
3	Business Management (Advanced CTE Course) <i>Prerequisite: Business Information Management I</i>	CBU100	1.0	11-12	All HS
4	Career Preparation I (Advanced CTE Course) <i>Prerequisite: Business Management</i>	CTE520	2.0	12	RCTC
	Securities and Investments (Non-Pathway Course) <i>No Prerequisite</i>	CFI030	1.0	10-12	All HS
Career Preparation requires a completed student application and acceptance into course. Students must be 16 years of age, provide personal transportation to their training site, and attend a required summer orientation.					


		BUSINESS, MARKETING, AND FINANCE PROGRAM			
		Business Management Pathway (ACADEMY)			
#	Course	Course #	Credit	Grade	Location
1	Principles of Business, Marketing, and Finance <i>No Prerequisite</i>	CBU010	1.0	9-11	THS
2	Business Information Management I <i>Prerequisite: Principles of Business, Marketing, and Finance</i>	CBU030	1.0	10-12	THS
2	Business Law <i>Prerequisite: Principles of Business, Marketing, and Finance</i>	CBU060	1.0	10-11	THS
3	Global Business (Advanced CTE Course) <i>Prerequisite: Principles of Business, Marketing, and Finance</i>	CBU070	0.5	11-12	THS
3	Virtual Business <i>Prerequisite: Business Information Management I</i>	CBU090	0.5	11-12	THS
4	Business Management (Advanced CTE Course) <i>Prerequisite: Business Information Management I</i>	CBU100	1.0	11-12	THS
4	Entrepreneurship <i>Prerequisite: Virtual Business</i>	CMA030	1.0	12	THS
	Securities and Investments (Non-Pathway Course) <i>No Prerequisite</i>	CFI030	1.0	10-12	All HS
Academy courses require a completed student application and acceptance in the International Business and Marketing Academy					


		BUSINESS, MARKETING, AND FINANCE PROGRAM			
		Marketing and Sales Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Business, Marketing, and Finance <i>No Prerequisite</i>	CBU010	1.0	9-11	All HS
2	Business Information Management I <i>Prerequisite: Principles of Business, Marketing, and Finance</i>	CBU030	1.0	10-12	All HS
3	Sports and Entertainment Marketing (Fall) <i>Prerequisite: Business Information Management I</i>	CMA040	0.5	10-12	All HS
3	Advertising (Advanced CTE Course) (Spring) <i>Prerequisite: Business Information Management I</i>	CMA010	0.5	10-12	All HS
4	Career Preparation I (Advanced CTE Course) <i>Prerequisite: Sports and Entertainment Marketing and Advertising</i>	CTE520	2.0	12	RCTC
	Securities and Investments (Non-Pathway Course) <i>No Prerequisite</i>	CFI030	1.0	10-12	All HS
<p>Sports and Entertainment Marketing is only offered in the fall semester at all campuses Advertising is only offered in the spring semester at all campuses Career Preparation requires a completed student application and acceptance into course. Students must be 16 years of age, provide personal transportation to their training site, and attend a required summer orientation.</p>					


		EDUCATION AND TRAINING PROGRAM			
		Teaching and Training Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Education and Training <i>No Prerequisite</i>	CET010	1.0	9-10	All HS
2	Human Growth and Development <i>Prerequisite: Principles of Education and Training</i>	CET020	1.0	10-11	All HS
3	Instructional Practices (Advanced CTE Course) <i>Prerequisite: Human Growth and Development</i>	CET030	2.0	11	RCTC
4	Practicum in Education and Training ^ (Advanced CTE Course) <i>Prerequisite: Instructional Practices</i>	CET040	2.0	12	RCTC
<p>This pathway is a part of the Grow Your Own program that is designed to train high school students for a future career in education. Students that successfully complete the pathway may be provided with a Letter of Intent (LOI) from FBISD that becomes valid once they obtain a teaching certification. Human Growth and Development is a course that falls within both the Education and Training and the Human Services programs. Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program Practicum in Education and Training requires a completed student application and acceptance into course. Students must be 16 years of age, provide personal transportation to their training site, and attend a required summer orientation. ^This course will not be offered in the 2021-2022 school year</p>					


		HEALTH SCIENCE PROGRAM			
		Healthcare Therapeutic Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Health Science <i>No Prerequisite</i>	CHS010	1.0	9-11	All HS
2	Medical Terminology <i>Prerequisite: Principles of Health Science</i>	CHS020	1.0	10-11	All HS
3	Anatomy and Physiology* (Advanced CTE Course) <i>Prerequisite: Biology and a second Science; Principles of Health Science and Medical Terminology if part of a coherent sequence for graduation</i>	CHS070	1.0	10-12	All HS
3	Health Science Theory ^ (Advanced CTE Course) <i>Prerequisite: Principles of Health Science, Medical Terminology; Concurrent enrollment in Anatomy and Physiology (Class of 2023 and beyond)</i>	CHS030	1.0	11-12	All HS
4	Practicum in Health Science (Advanced CTE Course) <i>Prerequisite: Principles of Health Science, Medical Terminology, and Anatomy and Physiology; Health Science Theory (Class of 2023 and beyond)</i>	CHS050	2.0	12	RCTC
Principles of Health Science fulfills a health graduation requirement for the class of 2022 and beyond *Anatomy and Physiology fulfills a science graduation requirement – CHS070 (course code for all HS), CHS07R (course code for RCTC) ^For the class of 2023 and beyond, Health Science Theory is required for Practicum in Health Science Practicum in Health Science requires a completed student application and acceptance into course. Students must be 16 years of age, provide personal transportation to their training site, and attend a required summer orientation.					


		HEALTH SCIENCE PROGRAM			
		Healthcare Therapeutic Pathway (ACADEMY)			
CLASS OF:		2022 & 2023			
#	Course	Course #	Credit	Grade	Location
1	Principles of Health Science <i>No Prerequisite</i>	CHS010	1.0	9-11	HHS
2	Medical Terminology <i>Prerequisite: Principles of Health Science</i>	CHS020	1.0	10-11	HHS
3	Anatomy and Physiology* (Advanced CTE Course) <i>Prerequisite: Biology and a second Science; Principles of Health Science and Medical Terminology if part of a coherent sequence for graduation</i>	CHS070	1.0	10-12	HHS
3	Health Science Theory (Advanced CTE Course) <i>Prerequisite: Principles of Health Science and Medical Terminology; Concurrent enrollment in Anatomy and Physiology</i>	CHS030	1.0	11-12	HHS
4	Medical Microbiology (Advanced CTE Course) <i>Prerequisite: Biology, Chemistry and Health Science Theory; Concurrent enrollment in Pathophysiology</i>	CHS080	1.0	11-12	HHS
4	Pathophysiology (Advanced CTE Course) <i>Prerequisite: Biology, Chemistry and Health Science Theory; Concurrent enrollment in Medical Microbiology</i>	CHS090	1.0	11-12	HHS
Principles of Health Science fulfills a health graduation requirement for the class of 2022 and beyond *Anatomy and Physiology fulfills a science graduation requirement Academy courses require a completed student application and acceptance in the Medical Science Academy					


		HEALTH SCIENCE PROGRAM			
		Healthcare Therapeutic Pathway (ACADEMY)			
CLASS OF:		2024 & BEYOND			
#	Course	Course #	Credit	Grade	Location
1	Principles of Health Science <i>No Prerequisite</i>	CHS010	1.0	9-11	HHS
2	Medical Terminology <i>Prerequisite: Principles of Health Science</i>	CHS020	1.0	10-11	HHS
3	Anatomy and Physiology* (Advanced CTE Course) <i>Prerequisite: Biology and a second Science; Principles of Health Science and Medical Terminology if part of a coherent sequence for graduation</i>	CHS070	1.0	10-12	HHS
3	Medical Microbiology (Advanced CTE Course) <i>Prerequisite: Biology, Chemistry and Medical Terminology; Concurrent enrollment in Anatomy and Physiology</i>	CHS080	1.0	11-12	HHS
4	Pathophysiology (Advanced CTE Course) <i>Prerequisite: Biology, Chemistry and Medical Microbiology; Concurrent enrollment in Pharmacology</i>	CHS090	1.0	11-12	HHS
4	Pharmacology (Advanced CTE Course) <i>Prerequisite: Biology, Chemistry and Medical Microbiology; Concurrent enrollment in Pathophysiology</i>	CHS110	1.0	12	HHS
Principles of Health Science fulfills a health graduation requirement for the class of 2022 and beyond *Anatomy and Physiology fulfills a science graduation requirement Academy courses require a completed student application and acceptance in the Medical Science Academy					


		HOSPITALITY AND TOURISM PROGRAM			
		Culinary Arts Pathway			
#	Course	Course #	Credit	Grade	Location
1	Culinary Arts ^ <i>No Prerequisite</i>	CHT030	2.0	10-11	RCTC
2	Advanced Culinary Arts ^ (Advanced CTE Course) <i>Prerequisite: Culinary Arts</i>	CHT040	2.0	11-12	RCTC
3	Practicum in Culinary Arts (Advanced CTE Course) <i>Prerequisite: Advanced Culinary Arts</i>	CHT050	2.0	12	RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program. Practicum in Culinary Arts requires a completed student application and acceptance into course. Students must be 16 years of age, provide personal transportation to their training site, and attend a required summer orientation. ^Students must earn a total of 800 hours (400 hours in year one and 400 hours in year two)					


		HUMAN SERVICES PROGRAM			
		Family and Community Services Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Human Services <i>No Prerequisite</i>	CHU010	1.0	9-11	All HS
2	Human Growth and Development <i>Prerequisite: Principles of Human Services</i>	CET020	1.0	9-12	All HS
3	Counseling and Mental Health (Advanced CTE Course) <i>Prerequisite: Human Growth and Development</i>	CHU050	1.0	10-12	All HS
4	Family and Community Services (Advanced CTE Course) <i>Prerequisite: Counseling and Mental Health</i>	CHU080	1.0	11-12	All HS
Human Growth and Development is a course that falls within both the Human Services and Education and Training programs.					


		HUMAN SERVICES PROGRAM			
		Cosmetology Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Cosmetology Design and Color Theory <i>Prerequisite: Concurrent enrollment in Cosmetology I</i>	CHU110	1.0	11	RCTC
1	Cosmetology I ^ <i>Prerequisite: Concurrent enrollment in Principles of Cosmetology Design and Color Theory</i>	CHU130	2.0	11	RCTC
2	Cosmetology II ^ (Advanced CTE Course) <i>Prerequisite: Principles of Cosmetology Design and Color Theory and Cosmetology I</i>	CHU140	2.0	12	RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program ^Students must earn a total of 1000 hours for certification (500 hours in year one and 500 hours in year two) Seniors are not allowed to start this program due to the hour requirements for state licensure					


		INFORMATION TECHNOLOGY PROGRAM			
		Networking Systems Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Information Technology <i>Prerequisite: Concurrent enrollment in Computer Maintenance + Lab</i>	CIT010	1.0	10-12	RCTC
1	Computer Maintenance + Lab <i>Prerequisite: Concurrent enrollment in Principles of Information Technology</i>	CIT030	2.0	10-12	RCTC
2	Networking + Lab (Advanced CTE Course) <i>Prerequisite: Principles of Information Technology and Computer Maintenance + Lab</i>	CIT050	2.0	11-12	RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program					


		LAW AND PUBLIC SERVICE PROGRAM			
		Emergency Services Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Law, Public Safety, Corrections, and Security <i>No Prerequisite</i>	CLP010	1.0	9-11	All HS
2	Disaster Response <i>Prerequisite: Principles of Law, Public Safety, Corrections, and Security</i>	CLP130	1.0	10-11	All HS
3	Anatomy and Physiology* (Advanced CTE Course) <i>Prerequisite: Biology and a second Science; Concurrent enrollment in Emergency Medical Technician - Basic</i>	CHS07R	1.0	10-12	RCTC
3	Emergency Medical Technician – Basic (Advanced CTE Course) <i>Prerequisite: Biology; Concurrent enrollment in Anatomy and Physiology</i>	CLP140	2.0	11	RCTC
4	Practicum in Law, Public Safety, Corrections, and Security ^ (Advanced CTE Course) <i>Prerequisite: Anatomy & Physiology and Emergency Medical Technician - Basic</i>	CLP110	2.0	12	RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program *Anatomy and Physiology fulfills a science graduation requirement ^This course will not be offered in the 2021-2022 school year					


		LAW AND PUBLIC SERVICE PROGRAM			
		Law Enforcement Pathway			
#	Course	Course #	Credit	Grade	Location
1	Principles of Law, Public Safety, Corrections, and Security <i>No Prerequisite</i>	CLP010	1.0	9-11	All HS
2	Law Enforcement I <i>Prerequisite: Principles of Law, Public Safety, Corrections, and Security</i>	CLP020	1.0	10-12	All HS
3	Criminal Investigation <i>Prerequisite: Law Enforcement I; Concurrent enrollment in Law Enf. II</i>	CLP050	1.0	11-12	RCTC
4	Law Enforcement II (Advanced CTE Course) <i>Prerequisite: Law Enforcement I; Concurrent enrollment in Criminal Investigation</i>	CLP030	1.0	11-12	RCTC
	Forensic Science* (Non-Pathway Course) <i>Prerequisite: Biology and Chemistry</i>	CLP040	1.0	10-12	All HS RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program *Forensic Science fulfills a science graduation requirement -- CLP040 (course code for all HS), CLP04R (course code for RCTC)					


		MANUFACTURING PROGRAM			
		Welding Pathway			
#	Course	Course #	Credit	Grade	Location
1	Introduction to Welding <i>Prerequisite: Concurrent enrollment in Welding I</i>	CMN020	1.0	11-12	RCTC
2	Welding I <i>Prerequisite: Concurrent enrollment in Introduction to Welding</i>	CMN030	2.0	11-12	RCTC
3	Welding II (Advanced CTE Course) <i>Prerequisite: Introduction to Welding and Welding I</i>	CMN040	2.0	12	RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program					

		SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS PROGRAM			
		Engineering Pathway			
#	Course	Course #	Credit	Grade	Location
1	Introduction to Engineering Design <i>No Prerequisite</i>	CST190	1.0	9-11	All HS
2	Engineering Science* (Advanced CTE Course) <i>Prerequisite: Introduction to Engineering Design; Algebra I and Biology; Currently enrolled in Chemistry, IPC, or Physics</i>	CST200	1.0	10-12	All HS
3	Civil Engineering and Architecture* (Advanced CTE Course) <i>Prerequisite: Engineering Science; Currently enrolled in Geometry or higher</i>	CST220	1.0	11-12	All HS
4	Engineering Design and Development* (Advanced CTE Course) <i>Prerequisite: Civil Engineering and Architecture</i>	CST270	1.0	12	All HS
*Engineering Science receives AP weight *Civil Engineering and Architecture receives AP weight *Engineering Design and Development receives AP weight					

		SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS PROGRAM			
Engineering Pathway (ACADEMY)					
#	Course	Course #	Credit	Grade	Location
1	Introduction to Engineering Design <i>No Prerequisite</i>	CST190	1.0	9-11	EHS
2	Engineering Science* (Advanced CTE Course) <i>Prerequisite: Introduction to Engineering Design; Algebra I and Biology; Currently enrolled in Chemistry, IPC, or Physics</i>	CST200	1.0	10-12	EHS
3	Aerospace Engineering* (Advanced CTE Course) <i>Prerequisite: Geometry or higher-level math; Engineering Science</i>	CST210	1.0	11-12	EHS
3	Civil Engineering and Architecture* (Advanced CTE Course) <i>Prerequisite: Geometry or higher-level math; Engineering Science</i>	CST220	1.0	11-12	EHS
4	Engineering Design and Development* (Advanced CTE Course) <i>Prerequisite: Aerospace Engineering and Civil Engineering & Architecture</i>	CST270	1.0	12	EHS
*Engineering Science receives AP weight *Aerospace Engineering receives AP weight *Civil Engineering and Architecture receives AP weight *Engineering Design and Development receives AP weight Academy courses require a completed student application and acceptance in the Engineering Academy					

		SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS PROGRAM			
Programming and Software Development Pathway					
#	Course	Course #	Credit	Grade	Location
1	Computer Science I Pre-AP* <i>Prerequisite: Algebra I</i>	CST290	1.0	9-11	All HS
2	AP Computer Science Principles* <i>Prerequisite: Computer Science I Pre-AP</i>	CST300	1.0	10-12	All HS
3	AP Computer Science A* (Advanced CTE Course) <i>Prerequisite: Algebra I, Computer Science I Pre-AP, and AP Computer Science Principles</i>	TA520 TA521	2.0	10-12	All HS
4	Computer Science III* (Advanced CTE Course) <i>Prerequisite: AP Computer Science A</i>	CST350	1.0	12	All HS
All Computer Science classes in the Programming and Software Development Pathway count as a LOTE credit *Computer Science I Pre-AP receives honors weight *AP Computer Science Principles receives AP weight *AP Computer Science A receives AP weight; TA520 (AP LOTE) / TA521 (AP Math) for years 2021-2023 CST310 (AP weight) / CST320 (GPA exempt) for years 2024 and beyond *Computer Science III receives above AP weight					

		TRANSPORTATION, DISTRIBUTION, AND LOGISTICS PROGRAM			
Automotive Pathway					
#	Course	Course #	Credit	Grade	Location
1	Automotive Technology I: Maintenance and Light Repair ^ (Advanced CTE Course) <i>No Prerequisite</i>	CTD090	2.0	10-12	RCTC
2	Automotive Technology II: Automotive Service ^ (Advanced CTE Course) <i>Prerequisite: Automotive Technology I</i>	CTD100	2.0	11-12	RCTC
3	Career Preparation I (Advanced CTE Course) <i>Prerequisite: Automotive Technology II</i>	CTE520	2.0	12	RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program. ^Students must earn a total of 840 hours (400 in year one and 440 in year two) Career Preparation requires a completed student application and acceptance into course. Students must be 16 years of age, provide personal transportation to their training site, and attend a required summer orientation.					

		TRANSPORTATION, DISTRIBUTION, AND LOGISTICS PROGRAM			
Diesel and Heavy Equipment Pathway					
#	Course	Course #	Credit	Grade	Location
1	Diesel Equipment Technology I ^ <i>No Prerequisite</i>	CTD170	2.0	10-12	RCTC
2	Diesel Equipment Technology II ^ (Advanced CTE Course) <i>Prerequisite: Diesel Equipment Technology I</i>	CTD180	2.0	11-12	RCTC
3	Career Preparation I (Advanced CTE Course) <i>Prerequisite: Diesel Equipment Technology II</i>	CTE520	2.0	12	RCTC
Courses at James Reese Career and Technical Center require a completed student application and acceptance into the program. ^Students must earn a total of 840 hours (400 in year one and 440 in year two) Career Preparation requires a completed student application and acceptance into course. Students must be 16 years of age, provide personal transportation to their training site, and attend a required summer orientation.					

		JUNIOR RESERVE OFFICERS' TRAINING CORPS PROGRAM			
Junior Reserve Officers' Training Corp (JROTC) Pathway					
#	Course	Course #	Credit	Grade	Location
1	JROTC I * <i>No Prerequisite</i>	RO111	1.0	9-12	All HS
2	JROTC II <i>Prerequisite: JROTC I</i>	RO121	1.0	10-12	All HS
3	JROTC III <i>Prerequisite: JROTC II</i>	RO132	1.0	11-12	All HS
4	JROTC IV <i>Prerequisite: JROTC III</i>	RO142	1.0	12	All HS
Air Force Program: Dulles, Elkins, Kempner, Marshall Marine Program: Ridge Point, Travis, Willowridge Army Program: Hightower Navy Program: Austin, Bush, Clements *JROTC I counts as a Physical Education substitution					

MIDDLE SCHOOL COURSES					
Course	Course #	Credit	Grade	Location	
Dollars and Sense* (Spring) <i>No Prerequisite</i>	CHU020	0.5	7-8	All MS (based on staffing)	
Lifetime Nutrition and Wellness* (Fall) <i>No Prerequisite</i>	CHU040	0.5	8	All MS (based on staffing)	
Interpersonal Studies* (Spring) <i>No Prerequisite</i>	CHU030	0.5	8	All MS (based on staffing)	
Investigating Careers <i>No Prerequisite</i>	CTE020	0	7-8	All MS (based on staffing)	
Gateway to Technology 1-2* <i>No Prerequisite</i>	CTE030 CTE040	1.0	8	CMS, GMS, JBMS	
Principles of Applied Engineering* <i>No Prerequisite</i>	CST010	1.0	8	All MS (based on staffing)	
Touch System Data Entry* (Fall) <i>No Prerequisite</i>	CBU020	0.5	7-8	All MS (based on staffing)	
Fundamentals of Computer Science* <i>No Prerequisite</i>	CST280	1.0	8	All MS (based on staffing)	
*Dollars and Sense is only offered in the spring semester at all campuses — This course counts for HS credit and toward the HS GPA and class rank *Lifetime Nutrition is only offered in the fall semester at all campuses — This course counts for HS credit and toward the HS GPA and class rank *Interpersonal Studies is only offered in the spring semester at all campuses — This course counts for HS credit and toward the HS GPA and class rank *Gateway to Technology counts for HS credit and toward the HS GPA and class rank *Principles of Applied Engineering counts for HS credit and toward the HS GPA and class rank *Touch System Data Entry is only offered in the fall semester at all campuses — This course counts for HS credit and toward the HS GPA and class rank *Fundamentals of Computer Science counts for HS credit and toward the HS GPA and class rank					