Royal ISD-*Career & Technical Education* Course Sequence Programs of Study: SY 2020-2021

Agricultural Science & Technology

Hort/Floriculture   Animal Systems

Principles of Agriculture, Food & Natural Resource

**Principles & Elements of Floral Design-------Livestock Production

Horticulture Science------------------------Veterinary Medical Applications

*Advanced Plant/Soil Science--------------------*Advanced Animal Science

**Advanced Floral Design ------   ****Mathematical Apps in Ag

Arts, A/V & Communications

Final Cut Pro & Adobe Photoshop Certifications

Principles of Arts, A/V Technology & Communications

Graphic Design & Illustration

Animation

Advanced Animation

***Professional Communications

Business Management & Administration

Microsoft Office Apps Certifications

Principles of Business, Marketing, & Finance

Business Information Management I

Business Information Management II

Global Business

***** Business English

Manufacturing Technology

Prec. Machining (NIMS Cert)   Industrial Welding (AWS Certs)

Principles of Manufacturing ---------------- Introduction to Welding

Metal Fab & Machining I -------------------------Welding I

Precision Metal Manufacturing----------------Welding II

Manufacturing Practicum--------------------Manufacturing Practicum

Health Science & Technology

Pharmacy Tech Certification

Principles of Health Science

Medical Terminology

*Anatomy & Physiology

Practicum in Nursing/Clinicals

Transportation & Logistics

ASE Certification Option

Principles of Transportation Systems

Automotive Basics

Automotive Technology I

Automotive Technology II

	Humans Services Pathway	**Engineering Pathway**	**Technology Applications**
fyi	TDLR- Cosmetology Operators License	*Project Lead The Way*	Moved to CTE for SY '19-'20 (HB3)
*Satisfies "4ᵗʰ Science" requirement for graduation.	**Human Serv/Cosmetology**	**STEM & ECHS**	**Tech Apps Grades (7-12)**
** Satisfies "Fine Arts" requirement for graduation.	**Principles of Cosmetology**	Intro to Engineering Design	Technology Applications I-- Grade 7
*** Satisfies "Communication Apps" (Speech) requirement for grad.	Introduction to Cosmetology	Manufacturing Engineering I	Technology Applications II- Grade 8
**** Satisfies "4th Math" requirement for graduation.	Cosmetology I	***Civil Engineering & Architecture**	Independent Study Tech Apps I
***** Satisfies "4ᵗʰ English" requirement for graduation	Cosmetology II	***Engineering Design Practicum**	Independent Study Tech Apps II

New Additions to: Current Programs of Study for SY 2020-2021………………

<u>Arts, A/V & Communications</u> (WEB & DIGITAL)

Principles of Arts A/V, Technology & Communications

Web Communications

Digital Communications in the 21st Century

Arts A/V Practicum in Digital & Web Communications

<u>Teaching & Training</u>

Principles of Education & Training

Communication & Technology in Education

Instructional Practices

Practicum in Education & Training/Field Study