Student Name: _____ **ID#:** _____

Grade level in 20-21: _____ **Current School:** _____

Schertz-Cibolo-Universal City ISD CTE Programs of Study

Valid with Freshmen Cohort of 2020

Business and Industry Endorsement

Agriculture, Food, and Natural Resources Cluster

Applied Agricultural Engineering
1701 Principles of Agriculture, Food, & Natural Resources (1)
1711 Agricultural Mechanics and Metal Tech. (1)
1712 Ag Structures and Design (1)
1946 Ag Equipment Design and Fab. w/ Lab (2)

Animal Science
1701 Principles of Agriculture, Food, & Natural Resources (1)
1704 Small Animal Management (.5) and **1703** Equine Science (.5)
1702 Livestock Production (1)
1717 Veterinary Medical Applications (1)
1705 Advanced Animal Science (1)

Plant Science
1701 Principles of Agriculture, Food, & Natural Resources (1)
1911 Greenhouse Operation and Production (1)
1706 Floral Design (1)
1716 Advanced Plant and Soil Science (1)

Architecture & Construction Cluster

Architectural Design
1787 Principles of Architecture (1)
1784 Architectural Design I (1)
1778 Architectural Design II (2)
1794 Practicum in Architectural Design (2)

Hospitality and Tourism Cluster

Culinary Arts
1909 Introduction to Culinary Arts (1)
1774 Culinary Arts (2)
1775 Advanced Culinary Arts (2)
1789 Practicum in Culinary Arts (2)
1906 Food Science (1)

Information Technology Cluster

Information Technology Support and Services
1743 Principles of Information Technology (1)
1740 Computer Maintenance w/lab (2)
1741 Computer Technician Practicum (2)
1719 Practicum in Information Technology 2)

Arts, A/V Technology, & Communications Cluster

Digital Communications
1902 Principles of Arts, Audio/Video Technology, and Communications (1)
1721 Audio/Video Production l (1)
1718 Audio/Video Production ll (2)
1921 Practicum in Audio/Video Production (2)

Graphic Design and Multimedia Arts- Graphic Design
1902 Principles of Arts, Audio/Video Technology, and Communications (1)
1722 Graphic Design and Illustration l (1)
1914 Graphic Design and Illustration II (2)
1915 Practicum in Graphic Design and Illustration (2)

Graphic Design and Multimedia Arts - Animation
1902 Principles of Arts, Audio/Video Technology, and Communications (1)
1723 Animation I (1)
1903 Animation II (2)
1905 Practicum in Animation (2)

Graphic Design and Multimedia Arts - Video Game Design
1902 Principles of Arts, Audio/Video Technology, and Communications (1)
1724 Video Game Design(1)
1989 Video Game Programming (2)
1990 Advanced Video Game Programming (2)

Fashion Design
1902 Principles of Arts, Audio/Video Technology, and Communications (1)
1750 Fashion Design l (1)
1758 Fashion Design II (2)
1752 Career Prep (2)

Manufacturing Cluster

Advanced Manufacturing and Machinery Mechanics
1788 Principles of Applied Engineering (1)
1907 Robotics I (1)
1929 Robotics II (1)
1933 Practicum in Manufacturing (2)

NO substitution between programs of studies

Business and Industry Endorsement Cont'd

Business, Marketing, and Finance Cluster

Business Management
1728 Principles of Business Marketing and Finance (1)
1729 Business Management (1)
1732 Business Law (1)
1904 Practicum in Business Management (2) or **1752** Career Prep (2)

Accounting and Financial Services
1728 Principles of Business, Marketing, and Finance (1)
1735 Accounting I (1)
1736 Accounting II (1)
1900 Financial Mathematics (1)
1904 Practicum in Business Management (2) or **1752** Career Prep (2)

Business, Marketing, and Finance Cluster

Marketing and Sales
1728 Principles of Business, Marketing, and Finance (1)
1746 Fashion Marketing (.5) and **1747** Sports & Entertainment Marketing (.5)
1938 Social Media Marketing (.5) and **1748** Advertising (.5)
1926 Practicum in Marketing (2) or **1752** Career Prep (2)

Entrepreneurship
1728 Principles of Business, Marketing, and Finance (1)
1749 Entrepreneurship (1)
1726 Project Based Research (1)
1904 Practicum in Business Management (2) or **1752** Career Prep (2)

Public Service Endorsement

Health Science Cluster

Nursing Science-Certified Nurse Assistant (CNA) (STEELE ONLY)
1754 Principles of Health Science(1)
1755 Medical Terminology (1)
1790 Anatomy and Physiology (1)
1930 Practicum in Health Science-CNA (2)

Healthcare Therapeutic - Certified Clinical Medical Assistant (CCMA) (STEELE ONLY)
1754 Principles of Health Science (1)
1755 Medical Terminology (1)
1756 Health Science Theory (1)
1931 Practicum in Health Science - CCMA (2)

Health Informatics (Medical Billing and Coding) (CLEMENS ONLY)
1754 Principles of Health Science (1)
1733 Business Information Management I (1)
1738 Health Informatics (1)
1726 Project Based Research (2)

Healthcare Diagnostics (Radiology) (CLEMENS ONLY)
1754 Principles of Health Science (1)
1755 Medical Terminology (1)
1756 Health Theory (1)
1791 Practicum in Health Science-Radiology (2)

Education and Training Cluster

Education and Training
1768 Principles of Human Services (1)
1779 Child Development (1)
1771 Instructional Practices (2) (RST I)
1772 Practicum in Education & Training (2) (RST II)

Family and Community Services
1768 Principles of Human Services (1)
1779 Child Development (1)
1781 Practicum in Human Services I (2) (PALs I)
1786 Practicum in Human Services II (2) (PALs II)

Law, Public Safety, Corrections & Security Cluster

Law Enforcement
1762 Principles of Law, Public Safety, Security, and Corrections (1)
1763 Law Enforcement I (1)
1764 Law Enforcement II (1)
1940 Practicum in Law enforcement (2) OR **1765** Forensic Science (1)

Legal Studies
1762 Principles of Law, Public Safety, Security, and Corrections (1)
1732 Business Law (1)
1767 Courts Systems (1)
1940 Practicum in Law enforcement (2)

STEM Endorsement

Engineering Design
1788 Principles of Applied Engineering (1)
1785 Engineering Design and Presentation I (1)
1744 Engineering Design and Presentation II (2)
1745 Engineering Design and Problem Solving (1)

Cyber Security
1743 Principles of Information Technology (1)
1913 Foundation of Cybersecurity (1)
1918 Networking w/ Lab (2)
1934 Cyber Security Capstone (1)

Programming and Software Development
1916 AP Computer Science Principles (1)
1282 Computer Science I (1)
1283 AP Computer Science A (1) OR **1992** Computer Science II (1)
1741 Practicum in Information Technology (2)