LAKE HIGHLANDS HIGH SCHOOL

Career and Technical Education Pathways

BUSINESS AND INDUSTRY ENDORSEMENT

Agriculture, Food, and Natural Resources Cluster

▶ Animal Science Pathway

Level 1: Principles of AFNR — Animal Science - CT7101 ..... 1 credit
Level 2: Small & Large Animal Management - CT7104, CT7108 ..... 0.5/0.5
Level 3: Vet Medical App - CT7106 ..... 1 credit
Level 4: Practicum in Animal Science - CT7105 ..... 2 credits

Architecture and Construction Cluster

Middle School Course Option: Intro to CAD, Architecture & Construction - CT7060

▶ Architectural Design Pathway

Level 1: Principles of Architecture - CT7130 ..... 1 credit
Level 2: Architectural Design I - CT7124 ..... 1 credit
Level 3: Architectural Design II - CT7121 ..... 2 credits
Level 4: Practicum in Architectural Design I - CT7129 ..... 2 credits

▶ Construction Technology Pathway

Level 1: Principles of Construction - CT7127 ..... 1 credit
Level 2: Construction Technology I - CT7125 ..... 2 credits
Level 3: Construction Technology II - CT7122 ..... 2 credits
Level 4: Practicum in Construction Technology - CT7132 ..... 2 credits

Arts, Audio Video Technology & Communication Cluster

Middle School Course Option: Principles of Arts & AV - CT7024

▶ Digital Communications: Animation Pathway

Any Level: Arts & Entertainment Technology OnRamps - U7819 ..... 1 credit
Level 1: Digital Media - CT7503 ..... 1 credit
Level 2: Animation I - CT7204 ..... 1 credit
Level 3: Animation II - CT7213 ..... 2 credits
Level 3 or 4: 3D Modeling and Animation - CT7835 ..... 1 credit
Level 4: Practicum in Animation - CT7216 ..... 2 credits

▶ Digital Communications: AV Production Pathway

Level 1: Principles of Arts, AV Technology & Communication - CT7200 ..... 1 credit
Level 2: Audio Video Production I - CT7205 ..... 1 credit
Level 3: Audio Video Production II - CT7206 ..... 2 credits
Level 3 or 4: Digital Audio Technology - CT7217 ..... 1 credit
Level 4: Practicum of Arts, AV Comm I - CT7211 ..... 2 credits
Level 5: Practicum of Arts, AV Comm II - CT7247 ..... 2 credits

Business, Marketing & Finance Cluster

▶ Entrepreneurship Pathway

Level 1: Foundations of Business Comm. and Technologies - CT7222 ..... 1 credit
Level 2: Entrepreneurship I - CT7608 ..... 1 credit
Level 3: Entrepreneurship II - CT7609 ..... 1 credit
Level 4: Pract in Entrepreneurship - CT7612 / Career Prep I - CT7248 ..... 2 or 3

▶ Marketing & Sales Pathway

Level 1: Digital Media - CT7503 ..... 1 credit
Level 2: Sports and Entertainment Marketing I - CT7602 / II - CT7614 ..... 0.5/0.5
Level 3: Social Media Marketing - CT7607 / Advertising - CT7613 ..... 0.5/0.5
Level 4: Pract in Entrepreneurship - CT7612 / Career Prep I - CT7248 ..... 2 or 3
Level 5: Career Prep I - CT7248 / Career Prep II - CT7251 ..... 3 credits

▶ Dual Credit PTECH Business Management Pathway

Level 1: PTECH Foundations of Business Comm. & Tech. Dual - CT7222D ..... 1 credit
Level 2: PTECH Business Management Dual - CT7226D ..... 1 credit
Level 3: PTECH Accounting I Dual - CT7305D ..... 1 credit
Level 4: PTECH Practicum in Business Management Dual - CT7227D ..... 2 credits

Students must complete at least 3 courses for 4 or more credits in the same pathway to be a CTE Completer. For more information visit **www.risd.org/cte**.

PUBLIC SERVICE ENDORSEMENT

Education and Training Cluster

▶ On Level or Dual Credit Teaching & Coaching Pathway

Level 1: Principles of Education & Training - CT7240D ..... 1 credit
Level 2: Child Development - CT7424 or Dual Credit - CT7424D ..... 1 credit
Level 3: Instructional Practices - CT7242 or Dual Credit - CT7242D ..... 2 credits
Level 4: Pract in Education & Training I - CT7232 or Dual Credit - CT7232D . 2credits

Health Science Cluster

**It is HIGHLY recommended that Health Science students choose Anatomy and Physiology as a Science credit*
Middle School Course Option: Med Term - CT7033

▶ Dual Credit Emergency Medical Technician (EMT) Pathway

Level 1: Dual Credit Principles of Health Science - CT7339D ..... 1 credit
Level 2: Dual Credit Health Science Theory - CT7332D ..... 1 credit
Level 3: Dual Credit Practicum in Health Science I - CT7323D ..... 2 credits
Level 4: Advanced Practicum in Health Science II EMT - CT7343 ..... 3 credits

▶ Dual Credit Patient Care Technician (PCT) Pathway

Level 1: Dual Credit Principles of Health Science - CT7339D ..... 1 credit
Level 2: Dual Credit Health Science Theory - CT7332D ..... 1 credit
Level 3: Dual Credit Practicum in Health Science I - CT7323D ..... 2 credits
Level 4: Dual Credit Practicum in Health Science II - CT7334D ..... 2 credits

Human Services Cluster

Middle School Course Option: Principles of Cosmetology - CT7049

▶ Barbering Pathway

Level 1: Introduction to Barbering - CT7439 ..... 1 credit
Level 2: Barbering I - CT7437 ..... 2 credits
Level 3: Barbering II - CT7438 ..... 2 credits
Level 4: Microbiology & Safety for Barbering - CT7910 ..... 1 credit

▶ Cosmetology Pathway (Begins in Grade 11)

Level 3: Cosmetology I + Cosmetology I Lab - CT7428 ..... 3 credits
Level 4: Cosmetology II + Cosmetology II Lab - CT7429 ..... 3 credits
Level 4: Microbiology & Safety for Cosmetology - CT7910 ..... 1 credit

Law and Public Safety Cluster

Middle School Course Option- Principles of Law, Public Safety, C & S - CT7052

▶ Law Enforcement Pathway

Level 1: Principles of Law CT7520 ..... 1 credit
Level 2: Law Enforcement I - CT7521 ..... 1 credit
Level 3: Law Enforcement II - CT7522 ..... 1 credit
Level 4: Correctional Services - CT7523 ..... 1 credit
Level 5: Practicum in Law - CT7525 ..... 2 credits

STEM ENDORSEMENT

Information Technology Cluster

Middle School Course Option: Fundamentals of Computer Science - 7026

▶ Programming & Software Development Pathway

Level 1: Computer Science I - 7808 / OnRamps - U7808 ..... 1 credit
Level 2: AP Computer Science A - 7805 / Computer Sci II - 7809 ..... 1 credit
Level 3: Computer Science III - 7815 ..... 1 credit
Level 4: Practicum of Info Tech - CT7515 ..... 2 credits

DUAL CREDIT PATHWAY OPTIONS:

- Associates of Arts, Business Level 1
- Certificate Criminal Justice Level 1
- Certificate Health Science Level 1
- Associate Arts in Patient Care Tech
- Associate of Arts in Teaching and Coaching

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