

PATHWAYS TO GRADUATION co2020+

Options for Grad Pathway (must fulfil ELA & Math)

1. SBA (ELA 2546/MATH 2595)
 - All students will complete in 10th grade
2. SAT or ACT
 - SAT (ELA 410/MATH 430)
 - ACT with Writing (ELA 14/MATH 16)
3. Dual Credit Courses
 - Running Start - 100 level or higher courses in English and Math passed
 - CTE Dual Credit Classes
 - Financial Algebra CDM 201,202 (MATH)
 - Intro to Engineering Design (PLTW) CDM 801,802 (MATH)
4. ASVAB (31 or Higher) - fulfills both ELA/Math pathways
5. AP (C+ grade each term or score of three (3) or higher on the AP exam)

The following AP credit courses/exams qualify for this pathway

ELA Pathway

- English Language and Composition
- English Literature and Composition
- Macroeconomics
- Microeconomics
- Psychology
- US History
- World History
- US Government and Politics
- Comparative Government and Politics

Math Pathway

- Statistics
- Computer Science A
- Computer Science Principles
- Calculus

6. Sequence of Career and Technical Education (CTE) Courses (fulfills both ELA/Math pathways)
 - Must include a 2-credit sequence of CTE courses (*See course list below*)
 - To be considered a sequence, the CTE courses must fall **within a single CTE Career Pathway area**.
 - **Additionally**, one of the courses in the sequence must:
 - a. Lead to a state or nationally recognized certificate, **OR**
 - b. Allow students to earn dual credit through CTE Dual Credit, Advanced Placement or other program

LWSD CTE Courses

Career Pathway	Course Name	Course Codes	Dual Cr	2:1 Subject	Cert
Agricultural Education	Environmental Science	CVC601,602	N	Science (lab)	
Agricultural Education	AP Environmental Science	CVC611,612	AP	Science (lab)-State	
Agricultural Education	Urban Agriculture I	CDX231,232	Y		
Agricultural Education	Urban Agriculture II	CVX233,234	Pend.		
Agricultural Education	Marine Science	CVC615, 616	N	Science (lab)	
Business and Marketing	Business and Mktg. Foundations	CDX401,402	Y		
Business and Marketing	Personal Finance	CDX651, 652	Y		
Business and Marketing	Financial Algebra	CDM201,202	Y ¹	Math	
Business and Marketing	Accounting	CDM101,102	Y*	Math	
Business and Marketing	AP Statistics	CVM301,302	AP, Y ¹	Math-State	
Business and Marketing	Economics	CVS621,622	N	Social Studies	
Business and Marketing	AP Microeconomics	CVS351,352	AP	Social Studies	
Business and Marketing	AP Macroeconomics	CVS353,354	AP	Social Studies	
Business and Marketing	Business and Personal Law	CDS631,632	Y	Social Studies	
Business and Marketing	Sports and Entertainment Mktg.	CDX413,414	Y		
Business and Marketing	Digital Marketing and Social Media	CVX415,416	N		
Business and Marketing	Retail Operations	CDX421,422	Y*		Y
Business and Marketing	Retail Management	CDX423,424	Y		Y
Business and Marketing	Business and Mktg. Management	CDX403,404	Y		
Business and Marketing	Leadership Development	CVX151,152	N		
Business and Marketing	Leadership & Project Management	CVX153,154	N		
Business and Marketing	Microsoft Office Specialist I	CDX301,302	Y		Y
Business and Marketing	Microsoft Office Specialist II	CDX303,304	Y		Y
Business and Marketing	Introduction to Computer Science	CDX901,902	N		
Business and Marketing	AP Computer Science Principles	CDM913,914	AP, Y ¹	Math	
Business and Marketing	AP Computer Science A	CDM911,912	AP, Y ¹	Math-State	Y
Business and Marketing	Advanced Projects in JAVA	CVX931,932	N		Y
Business and Marketing	Data Structures	CVX921,922	N		
Business and Marketing	Video Game Design	CDX905,906	Pend.	Math	
Health Sciences	Anatomy and Physiology	CDC561,652	Y	Science (lab)	
Health Sciences	Biotechnology	CDC121,122	Y	Science (lab)-State	

Career Pathway	Course Name	Course Codes	Dual Cr	2:1 Subject	Cert
Human Services	American Sign Language I	CDL011,012	Y	World Language	
Human Services	American Sign Language II	CDL021,022	Y	World Language	
Human Services	American Sign Language III	CDL031,032	Y	World Language	
Human Services	Family Health	CDH511,512	Y	Health	Y
Human Services	Career Connections	CVX507, 508	N		
Human Services	Child Development I	CDX501,502	Y		Y
Human Services	Child Development II	CDX503,504	Y		Y
Human Services	Psychology	CVS551,552	N	Social Studies	
Human Services	AP Psychology	CVS561,562	AP	Social Studies	
Human Services	Teacher Education Academy I	CDX221,222	Y		
Human Services	Teacher Education Academy II	CDX223,224	Y		Y
Human Services	Interior Design	CDX251,252	Y		
Human Services	Culinary Arts I	CVC731,732	N	Science (lab)-State	Y
Human Services	Culinary Arts II	CDC741,742	Y*	Science (lab)-State	Y
Human Services	Culinary Arts and Catering	CVC751,752	N	Science (lab)-State	Y
Human Services	Food Science	CDC721,722	Y*	Science (lab)	
Human Services	International Foods	CVX711,712	N		
Skilled and Tech.	Photography I-A	CVA411	N	Fine Arts	Y
Skilled and Tech.	Photography I-B	CDA412	Y*	Fine Arts	Y
Skilled and Tech.	Photography II-A	CVA413	N	Fine Arts	Y
Skilled and Tech.	Photography II-B	CDA414	Y*	Fine Arts	Y
Skilled and Tech.	Video Production I	CDA201,202	Y	Fine Arts	
Skilled and Tech.	Video Production II	CDA203,204	Y	Fine Arts	Y
Skilled and Tech.	Broadcast Communications	CVX207, 208	N		
Skilled and Tech.	Digital Design	CDA351,352	N	Fine Arts	Y
Skilled and Tech.	Graphic Production	CDA361,362	Y	Fine Arts	Y
Skilled and Tech.	Art and Design	CVA321,322	N	Fine Arts	Y
Skilled and Tech.	AP Art and Design	CVA341,342	AP	Fine Arts	Y
Skilled and Tech.	Commercial Art and Design	CVA331,332	N	Fine Arts	Y
Skilled and Tech.	Industrial Design-3D Printing	CVA371,372	N	Fine Arts	
Skilled and Tech.	Technical Theater	CDA511,512	Y	Fine Arts	
Skilled and Tech.	Theater Production Workshop	CVA501,502	N	Fine Arts	
Skilled and Tech.	Yearbook I	CDA151,152	Y	Fine Arts	
Skilled and Tech.	Yearbook II	CVA153,154	N	Fine Arts	
Skilled and Tech.	Community Emergency Response Team	CVX211,212	N		Y
Skilled and Tech.	Forensic Science	CDC821,822	Y	Science (lab)	
Skilled and Tech.	Architecture and Const. Found. (PLTW)	CDX851,852	Y*		
STEM	Intro to Engineering Design (PLTW)	CDM801,802	Y ¹	Math-State	
STEM	Principles of Engineering (PLTW)	CDC803,804	Y	Science (lab)	
STEM	Aerospace Engineering (PLTW)	CDC807,808	Y	Science (lab)	
STEM	Engineering Design and Dev. (PLTW)	CVX809,810	N		
STEM	Computer Integrated Manuf. (PLTW)	CVC805,806	N	Science (lab)	
STEM	Architecture and Engineering I	CDC831,832	Y	Science (lab)	
STEM	Architecture and Engineering II	CDC833,834	Y	Science (lab)	
STEM	Engineering and Computer Science	CDC881,882	Y*	Science (lab)	
STEM	Engineering & Entrepreneurship Foundations	CVX431,432	N		
STEM	Engineering I (EYW)	CDA841,842	Y	Fine Arts	
STEM	Engineering II (EYW)	CVX843,844	N		
STEM	Engineering III (EYW)	CVX845,846	N		
STEM	Material Science I	CDC811,812	Y	Science (lab)	
STEM	Material Science II	CVC813,814	N	Science (lab)	
STEM	Sustainable Design & Environmental Engineering	CDC621,622	Y	Science (lab)	
STEM	Robotics I	CVX861,862	Pend.		
STEM	Robotics II	CVC863,864	N	Science (lab)-State	
Apply to All Areas	Career Choices	CVX101,102	N		
Apply to All Areas	Worksite Learning	CVX111,112	N		
Business and Marketing	WANIC-Cisco Networking Academy	CTZ131, 132	Y		Y
Business and Marketing	WANIC-Cisco Networking Academy 2	CTZ133, 134	Y		Y
Health Sciences	WANIC-Health Science Careers	CTZ501, 502	Y	Science (lab)/Health	Y
Health Sciences	WANIC-Medical Careers	CTZ531,532	Y	Science (lab)/Health	Y
Health Sciences	WANIC-Dental Careers	CTZ541, 542	Y	Science (lab)/Health	Y
Health Sciences	WANIC-Sports Medicine	CTZ591, 592	Y	Science	Y
Human Services	WANIC-Culinary Arts 1	CTZ331, 332	Y		Y
Human Services	WANIC-Culinary Arts 2 - Advanced	CTZ333, 334	Y		Y
Skilled and Tech.	WANIC-Automotive Technology Year 1	CTZ901, 902	Y	Science (lab)/PE	Y
Skilled and Tech.	WANIC-Automotive Technology Year 2	CTZ905, 906	Y	Science (lab)/PE	Y
Skilled and Tech.	WANIC-DigiPen Video Game Programming 1	CTZ153, 154	Y	Math/Science (lab)	
Skilled and Tech.	WANIC-DigiPen Video Game Programming 2	CTZ155, 156	Y	Math	
Skilled and Tech.	WANIC-FIRE & EMS Year 1	CTZ751, 752	Y	Science (lab)/PE	Y
Skilled and Tech.	WANIC-FIRE & EMS Year 2	CTZ753, 754	Y	Science (lab)/PE	Y
Skilled and Tech.	WANIC-Buildng Industry Tech-Core Plus	CTZ811, 812	Y	Math	
Skilled and Tech.	WANIC-DigiPen Art & Animation 1	CTZ181,182	Y	Social Studies	
Skilled and Tech.	WANIC-DigiPen Art & Animation 2	CTZ185,186	Y	Fine Arts	
Skilled and Tech.	WANIC-DigiPen Music & Sound Design 1	CTZ061,062	Y	Fine Arts	
Skilled and Tech.	WANIC-DigiPen Music & Sound Design 2	CTZ063,064	Y	Fine Arts	

Y*=Must take two semesters (full year) for Dual Credit