

Northridge High School CTE Pathways 2019-2020

Career Cluster

>Career Pathway Student Organization

Courses in **Black** currently taught at NHS

Complete Pathways at NHS

Concentrate Pathways need classes not currently taught at NHS

Workplace Skills is a 2 period Internship

Architecture & Construction

>CAD Architectural Design

Join: TSA

Concentrate

Required (2.00 Cr.)

Intro to Engineering Design CE– 1.00

Elective (1.00 Cr. Required)

Workplace Skills - .50

>Interior Design

Join: FCCLA

Concentrate

Required (1.00 Cr.)

Interior Design 1 - .50

Interior Design 2 CE - .50

Elective (2.00 Cr. Required)

Apparel Design and Productions 1 – .50

Entrepreneurship CE - .50

Workplace Skills - .50

>CAD Mechanical Design

Join: TSA

Concentrate

Required (2.00 Cr.)

Intro to Engineering Design CE – 1.00

Principles of Engineering CE – 1.00

Elective (1.00 Cr. Required)

Workplace Skills - .50

Art, audio/Visual Technology& Communications

>Fashion Design Manufacturing & Merchandising

Join: FCCLA

Concentrate

Required (1.50 Cr.)

Fashion Design Studio CE - .50

Elective (1.50 Cr. Required)

Accounting I - .50

Fashion Design Merchandising - .50

Entrepreneurship CE - .50

Workplace Skills - .50

Business Management /Finance/ Marketing

>Accounting and Finance

Join: FBFA

Concentrate

Required (1.00 Cr.)

Accounting I - .50

Accounting II - .50

Elective (2.00 Cr. Required)

Business Management- .50

Business Office Specialist - .50

Retailing (Student Store)- .50

Workplace Skills - .50

>Business Administrative & Technical Support

Join: FBFA

Concentrate

Required (1.00 Cr.)

Business Office Specialist - .50

Digital Business Applications - .50

Business Office Specialist CE - .50 (2018-19)

Elective (2.00 Cr. Required)

Accounting I - .50

Business Management - .50

Business Web Page Design - .50

Desktop Publishing I - .50 (Yearbook)

Desktop Publishing 2 - .50 (Yearbook)

Digital Media I – 1.00 (2017-18)

Web Development 1 – 1.00

Workplace Skills - .50

>Entrepreneurship and Management

Join: DECA / FBFA

Concentrate

Required (1.00 Cr.)

Entrepreneurship CE- .50

Elective (2.00 Cr. Required)

Accounting I - .50

Business Web Page Design - .50

Digital Business Applications - .50

Marketing I - .50

Sports & Entertainment Mkt. - .50

Workplace Skills - .50

>Marketing

Join: DECA

Complete

Required (1.00 Cr.)

Marketing I - .50

Marketing II CE- .50

Elective (2.00 Cr. Required)

Accounting I - .50

Accounting II - .50

Business Management - .50

Retailing (Student Store) - .50

Sports & Entertainment Mkt. - .50

Hospitality & Tourism - .50

Workplace Skills - .50

Education and Training

>Early Childhood Education

Join: FCCLA

Complete

Required (2.00 Cr)

- Child Development - .50
- Early Childhood Education I (A&B) - 1.00
- Food & Nutrition I - .50

Elective (1.00 Cr. Required)

- Accounting I - .50
- Adult Roles & Financial Literacy – 1.00
- Early Childhood Education II - .50*
- Early Childhood Internship (Center) - .50
- Food & Nutrition II - .50
- Foundations of Nutrition CE - .50*
- Human Development CE – 1.00
- Workplace Skills - .50

>K12 Teaching as a Profession (NEW)

Requirements are in Process

- Child Development - .50
- Early Childhood Education I (A&B) - 1.00
- Human Development CE – 1.00
- Introduction to Education CE– .50

Engineering and Technology

Project Lead the Way (National Pre- Engineering Program)

>Engineering (Mechanical Engineering)

Join: TSA

Complete

Required (2.0 Cr.)

- Intro to Engineering Design CE – 1.00
- Principles of Engineering CE– 1.00

Elective (1.0 Cr. Required)

- Digital Electronics (PLTW) CE – 1.00
- Engineering Design and Development CE– 1.00
- Critical Workplace Skills - .50
- Robotics 1 - .50
- Robotics 2 - .50
- Workplace Skills - .50

> Robotics

Join: TSA

Complete

Required (1.0 Cr.)

- Robotics 1 - .50
- Robotics 2 - .50

Elective (2.0 Cr. Required)

- Computer Programming I A&B– 1.00
- Digital Electronics (PLTW) CE – 1.00
- Manufacturing Principles - .50 (on-line)
- Physics with Technology – 1.00
- Workplace Skills - .50

Health Science

>Biotechnology

Join: HOSA

Complete

Required (1.00)

- Biotechnology CE – 1.00

Elective (2.00 Cr. Required)

- Entrepreneurship CE- .50
- Intro. to Health Science - .50
- Medical Anatomy & Physiology CE - 1.00
- Medical Forensics – 1.00
- Medical Terminology (With Med Anat&Phys CE)-.50
- Workplace Skills - .50

>Clinical Laboratory & Medical Forensics

Join: HOSA

Complete

Required (1.00 Cr)

- Medical Forensics – 1.00

Elective (2.00 Cr. Required)

- Biotechnology CE – 1.00
- Intro. to Health Science - .50
- Medical Anatomy & Physiology CE - 1.00
- Medical Terminology (With Med Anat&Phys)- .50
- Workplace Skills - .50

>Emergency Medical Services

Join: HOSA

Complete

Required (3.0 Cr)

- Intro. to Emergency Response – .50
- Medical Anatomy & Physiology CE - 1.00

Elective (2.00 Cr. Required)

- Intro. To Health Science - .50
- Medical Terminology (With Med Anat&Phys CE)-.50
- Workplace Skills – 1.00 (EMT at DTC)
- Human Development CE-.50
- Foundation of Nutrition CE-.50
- Certified Nurse Assistant (CNA)- .50

>Nursing

Join: HOSA

Complete

Required (1 .00 Cr)

- Medical Terminology (With Med Anat&Phys CE)-.50
- Certified Nurse Assistant - .50

Elective (2.00 Cr. Required)

- Intro. to Emergency Response CE- .50
- Food & Nutrition I - .50
- Food & Nutrition II - .50
- Foundations of Nutrition CE- .50
- Human Development CE– 1.00
- Intro. to Health Science - .50
- Medical Anatomy & Physiology CE- 1.00
- Workplace Skills - .50

>Therapeutic Rehabilitation/Exercise

Join: HOSA

Complete

Required (2.00 Cr)

- Exercise Science/Sports Medicine CE– 1.00
- Medical Anatomy & Physiology CE- 1.00

Elective (1.00 Cr. Required)

- Foundation of Nutrition CE-.50
- Intro. To Health Science - .50
- Medical Terminology (With Med Anat&Phys)-.50
- Workplace Skills - .50

Hospitality & Tourism

>Food Services and Culinary Arts

Join: FCCLA or SkillsUSA

Complete

Required (1.00 Cr)

- Food & Nutrition I - .50
- Food & Nutrition II - .50
- ProStart I – 1.00

Elective (2.00 Cr. Required)

- Foundations of Nutrition CE- .50*
- ProStart II (Culinary Arts) – 1.00
- Travel and Hospitality - .50
- Entrepreneurship CE- .50
- Workplace Skills - .50

>Hospitality & Tourism

Join: DECA /FCCLA

Complete

Required (1.00 Cr)

Marketing I - .50
Hospitality & Tourism - .50

Elective (2.00 Cr. Required)

Accounting 1 - .50
Entrepreneurship CE - .50
ProStart I – 1.00
ProStart II (Culinary Arts)– 1.00
Retailing (School Store) - .50
Workplace Skills - .50

Human Services

>Family and Human Services

Join: FCCLA

Complete

Required (1.50 Cr.)

Child Development - .50
Food & Nutrition I - .50
Adult Roles & Financial Literacy – 1.00

Elective (1.50 Cr. Required)

Food & Nutrition II - .50
Foundations of Nutrition CE - .50*
Human Development CE – 1.00
Teen Living - .50
Workplace Skills - .50

Information Technology Education

>Digital Media

Join: FBLA / SkillsUSA / TSA

Complete

Required (2.00 Cr)

Digital Media I – 1.00 (2017-18)
Digital Media II – 1.00

Elective (1.00 Cr. Required)

Basic Digital Photography - .50
Business Web Page Design - .50
Entrepreneurship CE- .50
Gaming Fundamentals (Development)- .50
Intro. To Information Technology - .50
Workplace Skills - .50

>Programming Software Development Join: FBLA /SkillsUSA/ TSA

Complete

Required (2.00 Cr)

Computer Programming I (A&B) – 1.00

AND Choose 1.00 Cr from the following:

Computer Programming II – 1.00
Database Development – 1.00
Exploring Computer Science - .50

Elective (1.00 Cr. Required)

Intro. To Information Technology - .50
Workplace Skills - .50

Law, Public Safety, Corrections &Security

>Protective Services

Join: SkillsUSA

Concentrate

Required (1.0 Cr.)

Intro. to Emergency Response – .50
Law Enforcement - .50 at WSU

Elective (2.00 Cr. Required)

Basic Digital Photography - .50
Criminal Justice - .50 at WSU
Introduction to Automotive - .50
Medical Forensics – 1.00
Workplace Skills - .50

Manufacturing

>Aerospace Manufacturing

Join: SkillsUSA

Magnet to Layton or Syracuse High School

Required (3.00 Cr.)

Composites DTC - .50
Metal Working - .50*
Workplace Skills - .50
Manufacturing Principles - .50

>Machine Tool

Join: Skills USA

Required (1.0 Cr.)

Machining 1 - .50
Machining 2 - .50

Elective (2.0 Cr. Required)

PLTW Engineering Design & Development- 1.00
Welding Technician- .50
Manufacturing Principles - .50
Business Management CE-.50
Entrepreneurship CE-.50
Workplace Skills - .50

>Welding

Join: Skills USA

Required (2.0 Cr.)

Welding Technician Entry Level-1.00
Welding Technician Intermediate Level-1.00

Elective (1.0 Cr. Required)

Machining 1 - .50
Machining 2 - .50
Welding Technician Advanced Level- .50 **(DTC)**
Business Management CE-.50
Entrepreneurship CE-.50
Workplace Skills - .50

>Composites

Join: Skills USA

Required (1.0 Cr.)

Composites 1- .50
Composites 2- .50

Elective (1.0 Cr. Required)

Business Management CE-.50
Entrepreneurship CE-.50
Manufacturing Principles - .50
Welding Technician- .50
Workplace Skills - .50

Transportation, Distribution & Logistics

>Automotive Service Technician **Join: SkillsUSA**

Complete

Required (1.5 Cr.)

Introduction to Automotive CE - .50 (2016-18)
ASE Automotive 1 CE- 1.00
ASE Brakes CE- .50
ASE Electronics CE- .50
ASE Engine MLR CE- .50
ASE Steering and Suspension CE- .50

Elective (1.50 Cr. Required)

Accounting I -.50
Business Management CE - .50
Digital Electronics (PLTW) CE – 1.00
Entrepreneurship CE- .50
Workplace Skills - .50

>Aviation Technology

Join: SkillsUSA

Concentrate

Required (1.00 Cr.)

Aircraft systems - .50
Private Pilot - .50

Magnet to Clearfield

Elective (2.00 Cr. Required)

Accounting I -.50
Basic Digital Photography - .50
Business Management CE - .50
Entrepreneurship CE- .50
Introduction to Automotive - 50 (2016-18)
Workplace Skills - .50

As of May 2020