



NCHS Plan of Study 12th Grade Student 2018-2019



Name: _____ (print please)

This form allows students to carefully plan out their 12th grade class schedule based upon graduation requirements and post high school goals/interests. For the complete NCSD high school course catalog please scan the QR code to the left.

** Seniors must be enrolled in a minimum of 6 Classes + Mustang Connections.*

Graduation Requirements:



English Language Arts	4 credits	U.S. History Comp	1 credit
Math	3 credits	Modern U.S. History	1 credit
Science	3 credits	World History	1 credit
PE	2 credits	Financial Lit.	1 credit
Elective	10.5 credits		



** Fourth year of Math and Science required for the top 3 levels of the Hathaway Scholarship.*

** Two years of the same foreign language for the top 2 levels of the Hathaway Scholarship.*

For more information regarding the Hathaway Scholarship program please scan the QR code to the right

Current Mustang Connections Teacher: _____ (print please)

12th Grade Course Requirements

**** Please note advanced courses must obtain signature of current teacher.**

English Language Arts: _____ <i>**Teacher Signature:</i>	<input type="checkbox"/> English Lit/Comp <input type="checkbox"/> English Language Arts IV <input type="checkbox"/> English Language Arts IV Advanced (Casper College 1010) <input type="checkbox"/> IB Language Arts IV Honors
Math: _____ <i>**Teacher Signature:</i>	<input type="checkbox"/> Algebra III <input type="checkbox"/> Trig/Alg. III Advanced <input type="checkbox"/> Pre Calculus Honors IB <input type="checkbox"/> Math Analysis Advanced <input type="checkbox"/> IB Mathematics Studies SL Advanced/ Honors <input type="checkbox"/> Calculus Honors <input type="checkbox"/> Calculus II Honors <input type="checkbox"/> Other:
Science: _____ <i>**Teacher Signature:</i>	<input type="checkbox"/> Chemistry I <input type="checkbox"/> Conceptual Physics <input type="checkbox"/> Physics IA Advanced <input type="checkbox"/> Part Topics in Biology <input type="checkbox"/> Anatomy & Physiology Advanced <input type="checkbox"/> Anatomy & Physiology Honors <input type="checkbox"/> IB Chemistry I Honors <input type="checkbox"/> IB Chemistry II Honors <input type="checkbox"/> IB Environmental Systems and Societies Honors <input type="checkbox"/> Environmental Science <input type="checkbox"/> IB Biology I Honors <input type="checkbox"/> IB Biology II Honors <input type="checkbox"/> Other:
Social Studies (if needed)	<input type="checkbox"/> IB History II <input type="checkbox"/> Other:
Financial Literacy	<input type="checkbox"/> Financial Literacy (Required, if not previously taken)
Elective Requests – options on subsequent pages	
1.) _____	2.) _____
3.) _____	4.) _____
5.) _____	
Alternate Electives: 1.) _____ 2.) _____ 3.) _____	_____ Parent Signature

(While every effort is made to grant students' elective requests, there is no guarantee they will be placed in every requested class; therefore, choose alternate electives as well.)

If your student has an I.E.P. please obtain the signature of the current case manager as well:

Case Manager Signature: _____

P.I.C. Electives (Each P.I.C. elective must be paired with a P.I.C. core class)

Vet. Science 1
Vet. Science 2
Horticulture Science 1
Horticulture Science 2
Agriculture-Animal Production/Science 3
Agriculture-Agribusiness Mgmt 4
Construction 1
Construction 2
Art Portfolio 1
Art Portfolio 2
Visual Communications Design 1
Visual Communications Design 2
Computer Assisted Art 1
Computer Assisted Art 2
Film/TV 3
Prostart 1
Prostart 2
Nursing 1
Nursing 2
Computer Science Principles
Exploring Computer Science
Computer Programming
§ Welding 2 FCAW/GTAW
§ Welding 3 SMAW/GMAW
Advanced Welding & Manufacturing Fabrication 3 & 4
Computer Integrated Manufacturing
Auto Brakes & Suspension
Auto Drivetrain & Axles
Auto Electricity & Electronics/Engine Performance
Diesel Mechanics
Robotics Engineering II
§ Cabinetmaking 1
Heavy Equipment Operator (application process required)
Psychology
Sociology
ROTC
Public Policy Challenges in the 21 st Century
Legal Issues

P.I.C. Core Offerings –paired with an elective course

ELA 3 & ELA 3H; ELA 4 & ELA 4H
Environmental Science
Anatomy & Physiology
Astronomy A
Algebra 2 & Algebra 2 H
Principles of Algebra & Geometry
Trig./Algebra 3 & Trig/Algebra 3A
Trig/Math Analysis A
World History
Financial Literacy
Problem-based studies in history & science (integrated course of World History and Scientific Research and Design)
Problem-based studies in public policy & science (integrated course of Contemporary U.S. Issues and Scientific Research and Design)
Biology 2

§ -- Denotes courses that require a lab fee

NCHS Electives

<i>Business/Computer Science</i>	
Foundations of Business	
Marketing Comprehensive	
Introduction to Hospitality & Tourism (NEW!)	
Workplace Experience	
App Development (NEW!)	
E-Commerce Web Page Design (NEW!)	
Cisco I	
Cisco 2	
<i>Family & Consumer Science</i>	
Career Exploration Public & Prof. Services	
Health & Life Management (Semester)	
Family Living (Semester)	
Child Development /Parenting	
§ Food & Nutrition (Semester)	
§ Culinary Arts	
§ Food Service	
§ Clothing & Textiles	
§ Apparel Construction	
§ Apparel & Textiles Services	
§ Home Furnishings 1 (Interior Design)	
<i>Fine & Performing Arts</i>	
Drama 1, 2 & 3	
Drama-Stagecraft 1, 2 & 3	
Acting /Performance	
IB Theatre	
Orchestra	
Chamber Orchestra (Audition Only)	
Concert Band	
Jazz Band (Must be enrolled in Concert Band/0 hour only)	
Commercial Music (Band, Choir, Guitar, or Orchestra experience) (NEW!)	
Guitar1 (Non-audition- Guitars not provided)	
Guitar 2, 3 & 4 (Guitars not provided)	
Percussion	
Chorus 1	
Chorus 2 & 3 (Auditions required)	
Vocal Ensemble (Audition)	
Music Theory	
IB Music- H	
§ Color Theory & Design	
§ Creative Arts- Drawing	
§ Creative Arts- Painting	
§ Creative Arts- Sculpture 1 & 2	
§ Photography 1 & 2	
§ Computer Assisted Art 1 & 2	
Visual Arts Independent Study (taken w/ IB art)	
§ IB Art/Design 1, 2, Honors and SL	
<i>Foreign Language</i>	
Spanish I	
Spanish 2A	
IB Spanish 3H	
IB Spanish 4H	
IB Spanish 5H	
IB Spanish 6H	
Spanish for Heritage Speakers 1 & 2	
French I and 2A	
IB Language B – French 3H	
IB Language B – French 4H	
IB Language B – French 5H	
IB Language B - German 3A & 4A	
American Sign Language 1 & 2	
Russian IA, IIB, IIIB	

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§ -- Denotes courses that require a lab fee

Industrial Technology
Agriculture/Comprehensive (1)
AG & Natural Resources Comp (2)
Animal Production/Science (3)
Agribusiness Management (4)
Film and Television 1, 2,
Film and TV 3 (@PIC, taught by Mr. MadZ)

Engineering and Design
Robotics Engineering 1
§ Engineering Graphics 1 & 2
§ Intro to Robotics Engineering
§ Pinterest Woodcraft (Semester) (NEW!)
§ Woodworking
§ Cabinetmaking
§ Welding Technology
§ Welding Technology 2 FCAW, GTAW
§ Welding Technology 2 SMAW, GMAW
§ Engine Fundamentals
§ Auto 1

Language Arts
Creative Writing
Journalism 1 & 2
Publication Production
Literature: Myths and Legends (Semester)
Literature Period – Holocaust (Semester)
Strategic Reading (Semester)

Physical Education
§ Specific Sports Activities (Semester)
§ Recreation Sports (Semester)
Aquatics (Semester; intermediate swim skills required)
Weight Training & Conditioning (Boys/Semester)
Weight Training & Conditioning (Girls/Semester)
Individual/Dual Sports (Semester)

ROTC
ROTC
ROTC Drill

Social Studies
World Area Studies/Africa (Semester)
World Area Studies/Asia (Semester)
Psychology
IB Psychology H 1 & 2
Sociology
IB World Religions H
Part Topics in U.S. Government
U.S. and Wyoming Political Science H

Miscellaneous
§ Drivers Education (Semester)
Leadership
IB Theory of Knowledge – 12 th
Care of Athletes
Tutoring Practicum

§ -- Denotes courses that require a lab fee

Dear NCHS Community,

The registration process is an extremely important activity that requires all stakeholders working together. Student course requests determine the number of sections created with the intention of giving every student an opportunity to experience as many class offerings as physical space allows. For this reason, students and their families are a huge part of the process. When choosing classes, please thoughtfully consider the students' educational and career goals. With attentive course selection, NCHS will be more able to create a master schedule that meets the needs and wants of our students.

This coming school year, P.I.C. will have a different flavor to it. First, NCHS students are presented the opportunity to take courses in the afternoons, which will be offered in the alternate block format that perfectly aligns with the NC schedule. Second, the integrated course offerings will no longer be an option. Instead, upper level elective courses must be taken in conjunction with a core class.

Please know that the NCHS Counseling Department is eager to help students prepare for next year, as well as their futures. If you have any questions, don't hesitate to call the Counseling Main Line at 253-1517, Ms. Hall or Mrs. Brooks will connect you with the appropriate grade-level counselor. Our counselors can also be contacted using their email addresses:

Lana Bolan 9th grade: lana_bolan@natronaschools.org

Jamie Freymuth 10th grade: jamie_freymuth@natronaschools.org

Missy Nack 11th grade: missy_nack@natronaschools.org

Cari Langley 12th grade: cari_langley@natronaschools.org

Marvin Birzer IB students: marvin_birzer@natronaschools.org

Thank you so much for your help as we begin preparing for the 2018-2019 school year. Also, thank you for choosing NCHS because "Every Day is a Great Day to be a Mustang!"

Sincerely,
NCHS Counseling Department

