

# FOUR-YEAR PLANS FOR HIGH SCHOOL

This booklet was designed to prepare NCHS students for their high school career. Please notice that not all career and college options are represented, but hopefully this will give you a better idea of what the next few years will look like. Also, note that these plans are subject to course offerings, grade/prerequisite restrictions and course conflicts.

## KEY

- / Denotes 1 semester (.5 credit) courses
- ( ) Suggested but not required courses
- \* Offered every other year

# TABLE OF CONTENTS

High School 4-year plan.....	2
Auto/Welding 4-year high school plan.....	3
Cosmetology 4-year high school plan.....	4
Nursing 4-year high school plan.....	5
Agriculture 4-year high school plan.....	6
Art 4-year high school plan.....	7
Business/Computers 4-year high school plan.....	8
Math/Science 4-year high school plan.....	9
Medical 4-year high school plan.....	10
Music 4-year high school plan.....	11
Teaching 4-year high school plan.....	12

# HIGH SCHOOL

## 4-YEAR HIGH SCHOOL PLAN

*Driver Education subject to freshman/sophomore year depending on birthday.*

<b>FRESHMAN</b>	<b>SOPHOMORES</b>	<b>JUNIORS</b>	<b>SENIORS</b>
English I	English II	English III	English IV or Pre-College English IV
Math I	Math II	Math III or Practical Math	Government / Economics or Resource Mgt
Earth Science or Biology I	Biology I or Ag Science	American History	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Health/Driver Education	Elective	Elective	Elective
Physical Education	Physical Education	Physical Education	Physical Education

# AUTO/WELDING

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a 2-year college)

*Driver Education subject to freshman/sophomore year depending on birthday.*

<b>FRESHMAN</b>	<b>SOPHOMORES</b>	<b>JUNIORS</b>	<b>SENIORS</b>
English I	English II	English III	English IV or Pre-College English IV
Math I	Math II	Math III or Practical Math	Government / Economics or Resource Mgt
Earth Science or Biology I	Earth Science, Ag Science, Biology I or II	American History	Transportation II (2 periods)
Intro to Ag	Ag Mechanics	Transportation I	“
Trans Tech/Elective	Elective	Ag Power Mechanics I	Ag Power Mechanics II
Driver Education/health	Elective	Agribusiness Mgt	Elective
Physical Education	Physical Education	Physical Education	Physical Education

# COSMETOLOGY

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a 2-year college)

*Driver Education subject to freshman/sophomore year depending on birthday.*

FRESHMAN	SOPHOMORES	JUNIORS	SENIORS
English I	English II	English III	Pre-College English IV
Math I	Math II	Math III or Practical Math	Government / Economics or Resource Mgt
Earth Science or Biology I	Biology I or II or Chemistry I	American History	Speech/Psychology (dual credit)
Art I	Art II	Art III	Art IV
Elective	Elective (suggestion: Business or graphic design)	Elective	Elective (suggestion: Career Practicum)
Health/Driver Education	Elective	Elective	Elective
Physical Education	Physical Education	Physical Education	Physical Education

*Although chemistry is not required, the cosmetology program will be easier if chemistry is taken in high school.  
( ) Suggested Elective, but not required.*

# NURSING

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a 2-year college)

*Driver Education subject to freshman/sophomore year depending on birthday.*

FRESHMAN	SOPHOMORES	JUNIORS	SENIORS
English I	English II	English III	Pre-College English IV
Math I	Math II	Math III	Liberal Arts/Intro to Stats or Trigonometry
Biology I	Biology II	Chemistry I	Chemistry II
History	Electives (Spanish I)	American History	Government / Economics
Health Occ I / Health Occ II	Elective	Health Occ Core of Skills (CNA) ** / Elective (dual credit: Speech/Psychology)	Elective (Career Practicum)
Health/Driver Education	Elective	“ / Elective	Elective
Physical Education	Physical Education	Physical Education	Physical Education
<b>** 2 hours, 1 semester</b> <b>() Suggested elective, but not required.</b>			

# AGRICULTURE

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a university)

*Driver Education subject to freshman/sophomore year depending on birthday.*

<b>FRESHMAN</b>	<b>SOPHOMORES</b>	<b>JUNIORS</b>	<b>SENIORS</b>
English I	English II	English III	Pre-College English IV
Math I or II	Math II or III	Math III or Trigonometry	Trigonometry or Calculus
Earth Science or Biology I	Biology I, II or Chemistry I	American History	Government / Economics
Health/Driver Education	Ag Mechanics or Ag Science	Biology II, Chemistry I, II or Physics	BSAA
Intro to Ag	History	Agribusiness Mgt.	Ag Power Mechanics II
Spanish I	Spanish II	Ag Power Mechanics I	Elective
Physical Education	Physical Education	Physical Education	Physical Education

# ART

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a university)

*Driver Education subject to freshman/sophomore year depending on birthday.*

<b>FRESHMAN</b>	<b>SOPHOMORES</b>	<b>JUNIORS</b>	<b>SENIORS</b>
English I	English II	English III	Pre-College English IV
Math I	Math II	Math III	Government/ Economics
Earth Science or Biology I	Biology I or II, Chemistry I	Biology II or Chemistry I or II	Liberal Arts/Intro to Stats or Trigonometry
Art I	Art II	Art III	Art IV
Driver Education/Health	Elective: Graphic Design	American History	Elective (Dual credit or Career Practicum)
History	Spanish I	Spanish II	Elective (Dual credit or Career Practicum)
Physical Education	Physical Education	Physical Education	Physical Education
<i>() Suggested elective, but not required.</i>			



# BUSINESS/COMPUTERS

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a university)

*Driver Education subject to freshman/sophomore year depending on birthday.*

<b>FRESHMAN</b>	<b>SOPHOMORES</b>	<b>JUNIORS</b>	<b>SENIORS</b>
English I	English II	English III	Pre-College English IV
Math I or II	Math II or III	Math III or Trigonometry	Trigonometry or Calculus
Earth Science or Biology I	Biology I, II or Chemistry I	Biology II, Chemistry I, II	Government / Economics
History/ Intro to Business **	Spanish II	American History	Elective/Intro to Stats
Spanish I	Business Elective	Accounting I/Accounting II	Elective: ( dual credit, Career practicum, business)
Health/Driver Education	Business Elective	Elective (dual credit or Spanish III)	Elective
Physical Education	Physical Education	Physical Education	Physical Education

***Recommend CEO class either junior or senior year.***

***\*\*Offered every other year.***

***()Recommended elective, but not required.***

# MATH/SCIENCE

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a university)

*Driver Education subject to freshman/sophomore year depending on birthday.*

<b>FRESHMAN</b>	<b>SOPHOMORES</b>	<b>JUNIORS</b>	<b>SENIORS</b>
English I	English II	English III	Pre-College English IV
Math I or II	Math II or III	Math III or Trigonometry	Trigonometry or Calculus
Biology I	Biology II	Chemistry II	Physics
Spanish I	Spanish II	American History	Government / Economics
History	Chemistry I	Liberal Arts/Intro to Stats	Speech/Psychology
Elective	Elective	Elective	Elective
Physical Education	Physical Education	Physical Education	Physical Education

# MEDICAL

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a university)

*Driver Education subject to freshman/sophomore year depending on birthday.*

<b>FRESHMAN</b>	<b>SOPHOMORES</b>	<b>JUNIORS</b>	<b>SENIORS</b>
English I	English II	English III	Pre-College English IV
Math I or II	Math II or III	Math III or Trigonometry	Trigonometry or Calculus
Biology I	Biology II and/or Chemistry I	Chemistry I or II	Physics
Spanish I	Spanish II	American History	Government / Economics
History	Health Occ I Health Occ II	Elective (dual credit, Spanish III, or Health Occ Core of Skills (CNA))	Elective (Dual credit or Career Practicum)
Health/Driver Education	Elective	" / Elective	Elective (Intro to Statistics)
Physical Education	Physical Education	Physical Education	Physical Education

*( )Suggested elective, but not required.*

# MUSIC

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a university)

*Driver Education subject to freshman/sophomore year depending on birthday.*

<b>FRESHMAN</b>	<b>SOPHOMORES</b>	<b>JUNIORS</b>	<b>SENIORS</b>
English I	English II	English III	Pre-College English IV
Math I or II	Math II or III	Math III or Trigonometry	Trigonometry or Calculus
Earth Science or Biology I	Biology I, II or Chemistry I	Biology II, Chemistry I, II	Government / Economics
Band	Band	Band	Band
Chorus	Chorus	Chorus	Chorus
Health/Driver Education	Spanish I	Spanish II	History
Physical Education	Physical Education	American History**	Physical Education

**\*\*Student MUST attend four-year university for PE waiver to be an option.**

# TEACHING

## 4-YEAR HIGH SCHOOL PLAN (To prepare for a university)

*Driver Education subject to freshman/sophomore year depending on birthday.*

<b>FRESHMAN</b>	<b>SOPHOMORES</b>	<b>JUNIORS</b>	<b>SENIORS</b>
English I	English II	English III	Pre-College English IV
Math I or II	Math II or III	Math III or Trigonometry	Trigonometry or Calculus
Earth Science or Biology I	Biology I, II or Chemistry I	Biology II, Chemistry I, II, or Physics	Government / Economics
Spanish I	Spanish II	American History	Dual Credit Speech/Psychology
History	Child Development/Elective	**Child Care Occupations Two periods	Dual Credit Liberal Arts/Intro to Stats
Health/Driver Education	Elective	“	Elective: Career Practicum
Physical Education	Physical Education	Physical Education	Physical Education

**\*\*Offered every other year so may be taken at junior or senior year.**