Career & Technical Education
Coherent Sequences

2017-2018 School Year
Comprehensive High Schools

DRAFT ONLY
© 2017 Northside ISD (San Antonio, TX)
Public Services
*The final course in any sequence may be Career Prep I or II if the course addresses a field from a cluster listed in the clauses of the Endorsement.
Cosmetology

No Freshman Course

No Sophomore Course

#8469 Introduction to Cosmetology Design & Color Theory
1 credit

#8470 Cosmetology I
2 credits

#8471 Cosmetology II
2 credits

Prerequisite:
Cosmetology I

&

#8472 Principles of Cosmetology Design & Color Theory
1 credit

*The final course in any sequence may be Career Prep I or II if the course addresses a field from a cluster listed in the clauses of the Endorsement.

Dashed border indicates advanced course.
HEALTH SCIENCE

CLINICAL

#8358
Medical Terminology
1 Credit

#8352
Principles of Health Science
1 Credit

#8357
Health Science Theory
Prerequisites: Principles of Health Science & Biology

&

Health Science Clinical
2 credits
Prerequisites: Principles of Health Science & Biology

#8370
Practicum in Health Science
2 credits
Prerequisites: Principles of Health Science, Health Science Theory, & Biology

#8380
Anatomy & Physiology
1 credit
Prerequisites: Biology & 2nd Science credit
Or

#8361
Medical Microbiology
1 credit
Prerequisites: Biology & Chemistry

*The final course in any sequence may be Career Prep I or II if the course addresses a field from a cluster listed in the clauses of the Endorsement.

Dashed border indicates advanced course.
NEW SEQUENCE

HEALTH SCIENCE SERVICES

#8358 Medical Terminology
1 Credit

#8352 Principles of Health Science
1 Credit

&

#8380 Anatomy & Physiology
1 credit
Prerequisites: Biology & 2nd Science credit

Or

#8361 Medical Microbiology
1 credit
Prerequisites: Biology & Chemistry

#8356 Health Science Theory
1 credit

#8370 Practicum in Health Science /Emergency Medical Technician
2 credits
Prerequisites: Principles of Health Science, Health Science Theory, & Biology

#8350 Pharmacology
1 credit
Prerequisites: Biology & Chemistry

New course: Pharmacology

*The final course in any sequence may be Career Prep I or II if the course addresses a field from a cluster listed in the clauses of the Endorsement.

Dashed border indicates advanced course.
**NEW SENIOR OPTION**

**Law Enforcement**
- #8550 Principles of Law, Public Safety, Corrections, & Security 1 credit
- #8552 Law Enforcement I 1 credit
- #8556 Law Enforcement II 1 credit

or
- #8553 Forensic Science 1 credit
  Prerequisites: Biology & Chemistry
  &/Or #8555 Court Systems & Practices 1 credit

or
- #8554 Criminal Investigation 1 credit
  &/Or #8555 Court Systems & Practices 1 credit

*The final course in any sequence may be *Career Prep I or II* if the course addresses a field from a cluster listed in the clauses of the Endorsement.

Dashed border indicates advanced course.
Fire Science

#8550 Principles of Law, Public Safety, Corrections, & Security 1 credit

#8560 Fire Fighter I 2 credits

#8553 Forensic Science 1 credit

#8561 Fire Fighter II 3 credits
Prerequisite: Fire Fighter I

*The final course in any sequence may be Career Prep I or II if the course addresses a field from a cluster listed in the clauses of the Endorsement.*

Dashed border indicates advanced course.
Science, Technology, Engineering & Mathematics (STEM)

*The final course in any sequence may be Career Prep I or II if the course addresses a field from a cluster listed in the clauses of the Endorsement.
Engineering Principles of Applied Engineering 1 credit

#8701 Engineering Design & Presentation I 1 credit
Prerequisite: Algebra I

#8710 Robotics 1 credit
Prerequisite: Robotics I

#8730 Robotics II 1 credit

*The final course in any sequence may be Career Prep I or II if the course addresses a field from a cluster listed in the clauses of the Endorsement.

Dashed border indicates advanced course.