Career & Technical Education
Coherent Sequences

2018-2019 School Year
Comprehensive High Schools

DRAFT ONLY
© 2017 Northside ISD (San Antonio, TX)
Animal Science 2017-2018

#8050 Principles of Agriculture, Food, & Natural Resources 1 credit

#8054 Professional Standards in Agribusiness ½ credit
& #8164 Professional Communications ½ credit

#8052 Equine Science ½ credit
& #8164 Professional Communications ½ credit

#8051 Livestock Production 1 credit

&/Or

#8052 Equine Science ½ credit
& #8164 Professional Communications ½ credit

#8053 Advanced Animal Science 1 credit

&/Or

#8056 Wildlife, Fisheries & Ecology Management 1 credit
&/Or #8055 Agribusiness Management & Marketing 1 credit

#8048 Veterinary Medical Applications 1 credit
Prerequisite: Livestock Production or Equine Science

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Dashed border indicates advanced course.
Plant Science

#8050 Principles of Agriculture, Food, & Natural Resources 1 credit

#8049 Greenhouse Operation and Production 1 credit
&/Or
#8154 Wildlife, Fisheries, and Ecology Management 1 credit
&/Or
#8056 Agribusiness Management & Marketing 1 credit

#8057 Floral Design 1 credit
&/Or
#8059 Horticulture Science 1 credit
Or
#8154 Professional Standards in Agribusiness ½ credit
&
#8164 Professional Communications ½ credit

Career Prep I or II

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Agriculture
Mechanics

#8050 Principles of Agriculture, Food, & Natural Resources 1 credit

&/Or

#8054 Professional Standards in Agribusiness ½ credit & #8164 Professional Communications ½ credit

#8061 Agriculture Mechanics & Metal Technologies 1 credit

&/Or

#8062 Agricultural Structures Design & Fabrication 1 credit &/Or

#8042 Agricultural Equipment Design and Fabrication 1 credit

&/Or

#8055 Agribusiness Management & Marketing 1 credit

&/Or

#8064 Practicum in Agriculture, Food, & Natural Resources 2 credits

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Marketing

#8206 Principles of Business, Marketing, & Finance 1 credit

#8650 Advertising ½ credit & #8655 Sports and Entertainment Marketing ½ credit

#8652 Entrepreneurship 1 credit

#8657 Practicum in Marketing 2 credits

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Graphic Design

#8500 Principles of Information Technology 1 credit

#8520 Digital Media 1 credit

#8155 Graphic Design & Illustration I 1 credit

#8156 Graphic Design & Illustration II 1 Credit
Prerequisite: Graphic Design & Illustration I

Audio Video Production

#8500 Principles of Information Technology 1 credit

#8520 Digital Media 1 credit

#8153 Audio Video Production I & Audio Video Production I Lab 2 credits
Prerequisite: AV I

#8154 Audio Video Production II & Audio Video Production II Lab 2 credits
Prerequisite: AV I

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Photography

- #8500 Principles of Information Technology 1 credit
- #8520 Digital Media 1 credit
- #8158 Commercial Photography I 1 credit
- #8159 Commercial Photography II 1 Credit

Animation

- #8500 Principles of Information Technology 1 credit
- #8520 Digital Media 1 credit
- #8151 Animation I 1 credit
- #8152 Animation II 1 Credit
  Prerequisite: Animation I

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Hospitality & Tourism

- #8450 Principles of Human Services 1 credit
- #8043 Hotel Management 1 Credit
- #8425 Hospitality Services 2 credits
- #8426 Practicum in Hospitality Services 2 credits

Culinary Arts

- #8450 Principles of Human Services 1 credit
- #8422 Introduction to Culinary 1 credit
- #8420 Culinary Arts 2 credits
- #8421 Practicum in Culinary Arts 2 credits
- #8430 Food Science 1 credit

Prerequisite: 3 units of Science including Chemistry & Biology

Prerequisite: Culinary Arts

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Manufacturing

#8600 Principles of Manufacturing
1 credit

#8601 Introduction to Welding
1 credit

#8610 Precision Metal Manufacturing I
2 credits

#8611 Precision Metal Manufacturing II
2 credits

Prerequisite: Precision Metal Manufacturing

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Public Services
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HEALTH SCIENCE

#8358 Medical Terminology
1 Credit

#8352 Principles of Health Science
1 credit

#8357 Health Science Theory
Prerequisite: Biology
&
Health Science Clinical
2 credits
Prerequisite: Biology

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

#8380 Anatomy & Physiology
1 credit
Prerequisites: Biology
& 2nd Science credit
Or
#8361 Medical Microbiology
1 credit
Prerequisites: Biology & Chemistry

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Brandeis Only

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Science, Technology, Engineering & Mathematics (STEM)

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