

# Northfield High School (060014)



## SCHOOL OVERVIEW:

### MISSION:

Northfield High School, an International Baccalaureate School, offers a progressive, challenging, and exciting academic program. In addition to core curriculum, NHS has a full array of electives, including four Career Connect Pathways. A comprehensive athletic program, and a robust activity program driven by student interests and passions, round out the student experience.

### VISION:

NHS promotes an inclusive school community that encourages student creativity, self-awareness, independence, and collaboration among students with different interests. NHS teachers inspire students to become enthusiastic lifelong learners, creative problem solvers, and effective communicators. The focus on collaborative and global learning ensures that graduates are prepared to be fully informed, principled, and engaged citizens of the world.

## ACADEMIC OVERVIEW

### INTERNATIONAL BACCALAUREATE:

Northfield is one of the newest and fastest growing International Baccalaureate Diploma Programmes in the state of Colorado. Through rigorous coursework, independent research, and community service, students develop the skills to understand the world as it is while also reimagining what it could be.

IB at NHS places a premium on both rigor and equity. All juniors take at least two IB classes, and students can choose to take the full Diploma Programme, which includes six classes, the Extended Essay (EE), a Theory of Knowledge (TOK) Course, and IB CAS (community service) program.

### CAREERCONNECT:

CareerConnect offers engaging, project-based courses and experiential learning opportunities in relevant career pathways in Business, Engineering, Computer Technology, and Bio-Medical Sciences. Students can graduate from Northfield High School with college credit, industry experience, invaluable soft skills, and even industry certifications.

## CONTACT INFORMATION

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## COUNSELING STAFF

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### Denver Public Schools: Graduation Requirements

Northfield High School uses the high school graduation requirements set by Denver Public Schools. Two-hundred and forty semester hours (240 units) shall be required to receive a high school diploma. Students graduating in 2021 and beyond are required to have two years of a foreign language and 75 hours of community service.

**English:** 40 credits = 4 units = 4 years = 8 semesters

**Social Studies:** 30 credits = 3 units = 3 years = 6 semesters

**Science:** 30 credits = 3 units = 3 years = 6 semesters

**Math:** 40 credits = 4 units = 4 years = 8 semesters

**Physical Education:** 10 credits = 1 unit = 1 year = 2 semesters

**Fine Arts:** 10 credits = 1 unit = 1 year = 2 semesters

**Academic Electives:** 10 credits = 1 unit = 1 year = 2 semesters

**Electives:** 50 credits = 5 units = 10 semesters

### Northfield High School: International Baccalaureate Diploma

Diploma Programme students must fulfill the following requirements:

- ° Pursue course work in groups 1-5, plus 1 more
  - ° 3 or 4 courses at the Higher Level (HL)
  - ° 2 or 3 courses at the Standard Level (SL)
- ° Score at total of 24 of 45 pts on 6 IB exams
- ° Complete the TOK course with a passing grade (D or higher)
- ° Complete 7 learning outcomes of Creativity, Action, and service (CAS)
- ° Complete the EE with a passing grade (D or higher)
- ° Receive no grade 1 in a subject/level
- ° Receive no more than two grade 2s awarded (HL or SL)
- ° Receive no more than three grade 3s awarded (HL or SL)
- ° Must gain 12 points or more points on HL subjects
- ° Must gain 9 points or more on SL subjects

**IB COURSES:**

- ° IB Language and Literature 1 & 2 (SL) & (HL)
- ° IB History of the Americas 1 & 2 (HL)
- ° IB Spanish Ab Initio 1 & 2 (SL)
- ° IB French Ab Initio 1 (SL)
- ° IB Mandarin Chinese 3 & 4 (SL)
- ° IB Chemistry 1 & 2 (SL)
- ° IB Environmental Systems and Societies 1 (SL)
- ° IB Math Studies 1 & 2 (SL)
- ° IB Visual Arts 1 & 2 (SL) & (HL)
- ° IB Global Politics 1 (SL) & (HL)
- ° IB Creativity, Action, and Service (CAS)
- ° IB Business & Management (SL)
- ° IB Computer Science 1 & 2 (SL) & (HL)
- ° IB Spanish 3, 4, & 5 (SL)
- ° IB French 3 & 4 (SL)
- ° IB Biology 1 & 2 (SL) & (HL)
- ° IB Design Technology 1 & 2 (SL) & (HL)
- ° IB Sports, Exercise, and Health Science (SL)
- ° IB Mathematics 1 & 2 (SL) & (HL)
- ° IB Theory of Knowledge (TOK) 1 & 2
- ° IB Theatre Arts 1 & 2 (SL) & (HL)
- ° IB Extended Essay (EE)

**2018 EXAM RESULTS:**

Subjects Taken: Environmental Systems and Societies; Global Politics

Total Exams Taken: 57

Percentage of students scoring a 4 or higher: 53%

**AP COURSES:**

- ° AP US History
- ° AP Studio Art 2D
- ° AP Computer Science Principles
- ° AP Computer Science A

**2018 EXAM RESULTS:**

Subjects Taken: Human Geography; United States History; Calculus AB; Computer Science Principles

Total Exams Taken: 207

Percentage of students scoring a 3 or higher: 37%

**CONCURRENT ENROLLMENT/CU SUCCEED:**

Colorado state law allows high school students to concurrently enroll in college coursework to earn both high school and college credit. While some students elect to take these courses at the college campus, CU Succeed is a partnership with the University of Colorado Denver to bring UCD professors to Northfield High School to teach these courses. CU Succeed courses offered at Northfield High School: Math, Ethnic Studies, Political Science, Introduction to Media Studies, and Fundamentals of Communication.

**CLASS OF 2019—A QUICK GLANCE**

**DEMOGRAPHIC SNAPSHOT**

161 Seniors

- ° 46.75 % participate in Federal Free and Reduced Lunch Program
- ° 36% Hispanic/Latino
- ° 33% White
- ° 23% Black or African American
- ° 4 % Asian
- ° 4% Multiple Races

**GRADING SCALE**

	Traditional	Weighted
A (93% - 100%)	4.0	5.2
A- (90% - 92%)	3.697	4.77
B+ (88% - 89%)	3.33	4.33
B (83% - 87%)	3.0	3.9
B- (80% - 82%)	2.67	3.47
C+ (78% - 79%)	2.33	3
C (73% - 77%)	2.0	2.6
C- (70% - 72%)	1.67	2.17
D (60% - 69%)	1.0	1.3
W/F or F	0	0

**END OF JUNIOR YEAR GRADE DISTRIBUTION**

