

## SCHOOL & COMMUNITY CONTEXT

- CEEB code: 870002
- Independent, non-profit
- Location: Monterrey, Mexico (urban)
- Established: 2015
- Student population: 409
- Student demographic:
  - 100% low-income, in bottom quartile of Mexico's income average
  - 100% Mexican national
  - 100% of students apply and are accepted to 4 year universities and colleges
- Grades served: 10 - 12
- Counselor caseload: 2 counselors : 409 students
- Curriculum: National & Advanced Placement (AP)
- Academic calendar:
  - Semester
  - Late July - early June
  - Instructional hours per week
    - Grade 10: 31
    - Grade 11: 33.5
    - Grade 12: 27
    - 3 additional hours for AP students
    - 2 additional hours for ESL students
- Accreditation: Ministry of Education, Nuevo León
- Memberships: College Board & New York Academy of Sciences

## MISSION & VISION STATEMENT

Preparatoria Alfa Fundacion (PAF) provides students opportunities to actualize and achieve their full potential and increase and sustain their social mobility. PAF does this by offering a tuition-free rigorous high school education, requiring accountability and providing co-curricular opportunities to develop students' creative and human development. A key objective is to increase access to higher education and pave the way for degree completion and securing employment.

### CONTACT INFORMATION

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<https://alfalive.mx/alfa-fundacion/>



## SCHOOL HISTORY

Recognizing the responsibility to provide a rigorous education for high-potential, low-resourced students, Grupo ALFA (one of the largest industrial conglomerates in Mexico) began an initiative, Alfa Fundacion (AF), as their social-corporate venture. AF opened three after school centers in 2013 which serve a total of 900 students from 56 low-resourced public schools. These centers are feeders for Preparatoria Alfa Fundacion (PAF), the secondary school the Foundation established in 2015.

In a commitment to eliminate barriers to attaining an education, PAF is a tuition-free school. Additionally, Alfa Foundation provides financial sponsorship to students towards a portion of university tuition and expenses on an annual renewable basis.

## ADMISSION PROCESS

Approximately 2,500 students apply to the three after school centers and of those 900 are selected. The evaluation process is holistic and includes cognitive assessments, interviews, nominations and academic performance. Participation in the after school centers begins in 7th grade and in 9th grade students may apply to PAF where admission is based on committee evaluation and includes quantitative and qualitative criteria inspired by Renzulli's three-ring model. This includes GPA, standardized test scores, awards, extracurricular activities, leadership roles and social and community projects. Students are evaluated in the context of their life circumstances. Character traits of curiosity, critical thinking and motivation are also assessed.



**RENZULLI'S THREE RING MODEL**

## STUDENT LIFE & EXTRACURRICULAR OPPORTUNITIES

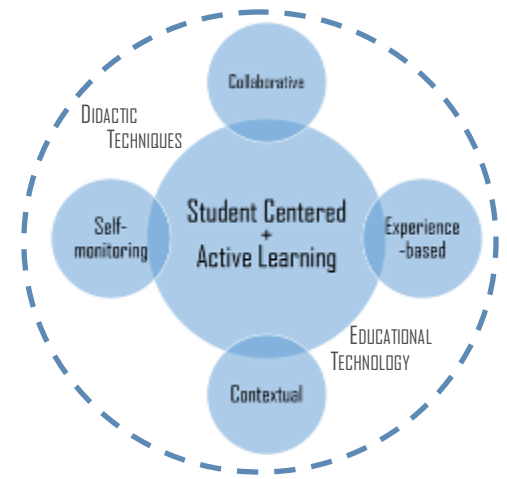
PAF offers clubs and organizations to diversify and extend students' learning, hone their strengths, develop new skills and give them the opportunity to engage with their passions.

- Standard offerings: IT Coding, Model UN, Creative Writing, Entrepreneurship, Mural painting, Community Service projects & Rock Band
- Specialized offerings: International Olympiad training (Physics & Math), STEAM & Biotechnology Lab
- Intramural Athletics Program: Soccer, Basketball, Volleyball & Ping Pong



## FACULTY & CLASSROOM ENVIRONMENT

- 13:1 student-faculty ratio
- Average class size: 25
- 30 faculty & 8 administrative staff
- 9.6% international faculty
- 64% of faculty hold advanced degrees



## PEDAGOGICAL MODEL

## COLLEGE AND UNIVERSITY ACCEPTANCES (2018 — 2022)

New York University

University of Texas at Austin

University of Illinois at Chicago

Boston University

Loyola Marymount University

University of Pennsylvania

Northwestern University

University of Rochester

University of Wisconsin— Madison

Baylor University

Furman University

Ringling College of Art and Design

Rochester Institute of Technology

University of the Arts

School of Visual Arts

Maryland Institute College of Art

Savannah College of Art and Design

University of Minnesota Twin Cities

University of Miami

University of North Carolina Chapel Hill

Dartmouth College

Emerson College

Michigan State University

Agnes Scott College

Instituto Tecnológico y de Estudios Superiores de Monterrey

Universidad de Monterrey

Universidad Autónoma de Nuevo León

Universidad Nacional Autónoma de México

Universidad Autónoma de Guadalajara

## CURRICULUM, GRADING & GRADUATION REQUIREMENTS

- National curriculum ("General Baccalaureate"), Honors and Advanced Placement (AP) courses offered
- 2 Honors courses available in grades 10-11 & 2 AP courses available in grade 12
- Enrollment in Honors and AP courses based on academic performance and teacher recommendation
- Dual enrollment not offered

Subject Areas	10th grade		11th grade		12th grade	
Mathematics	Mathematics I * Credits: 7	Mathematics II * Credits: 7	Mathematics III * Credits: 7	Mathematics IV * Credits: 7	Differential Calculus Calculus AB ** Calculus BC ** Credits: 5	Integral Calculus Calculus AB ** Calculus BC ** Credits: 5
Natural Sciences	Chemistry I Credits: 7	Chemistry II Credits: 7	Geography Credits: 4	Biology I Credits: 5	Biology II Credits: 5	Ecology & the Environment Credits: 4
			Physics I Credits: 7	Physics II Credits: 7		
Spanish Literacy	Reading & Writing Workshop I Credits: 5	Reading & Writing Workshop II Credits: 5	Literature I Credits: 5	Literature II * Credits: 5	Literature III Spanish Literature & Culture ** Credits: 4	Literature IV Spanish Literature & Culture ** Credits: 4
English as a Second Language	Foreign Language I English Credits: 5	Foreign Language II English Credits: 5	Foreign Language III English Credits: 5	Foreign Language IV English Credits: 5	Business English Credits: 5	Business English Credits: 5
Social Sciences	Introduction to Social Sciences Credits: 4	Mexican History I Credits: 4	Mexican History II Credits: 4	Mexico's Socio-economic structures Credits: 4	Contemporary World History Credits: 5	Philosophy Credits: 5
Wellness	Physical Health & Wellbeing Credits: 2	Human Development Credits: 2	Critical Thinking Credits: 2	Carreer Guidance Credits: 2	Career Guidance Credits: 2	Life Competencies Credits: 2
Technology	Information Technology I Credits: 5	Information Technology II Credits: 5	Electronics Workshop Credits: 5	Graphic Design & Communication Credits: 4	Research Methodology Credits: 5	Extended Essay Credits: 2
Humanities	Ethics & Values I Credits: 4	Ethics & Values II Credits: 4	Social Entrepreneurship Credits: 2	Entrepreneurship I Credits: 4	Entrepreneurship II Credits: 4	Entrepreneurship III Credits: 4

Note: credits = hours of instruction per week

\* Honors course option    \*\* Advanced Placement (AP) course option

## GRADUATION REQUIREMENTS

- Earn a total of 228 credits in six semesters
- Pass every course; course retakes not permitted
- Complete 80 hours of regional community service
- Complete two interdisciplinary research-based projects

## GRADING & RANKING POLICY

- Percentage grading (scale of 0-100)
- Minimum passing grade is 70
- AP courses are weighted at 1.12% and Honors courses are weighted at 1.06%
- PAF does not rank students

