



Edison Career and Technology High School | 2021-22 Profile

Location and Description

The Rochester City School District (RCSD) is one of the largest urban districts in New York State and is located in Rochester, New York. Rochester City School District serves a diverse population of students in grades PreK -12 at 55 Pre-K sites, 46 elementary and secondary schools, and 10 alternative programs. There are 26, 078 students enrolled in the district. The demographics are as followed: Black or African American - 53.1%, Hispanic - 32.7%, White -9.6%, Asian -2.9%, and Other - 1.7%.

Mission: to foster students' individual talents and abilities in a nurturing environment of equity.

Vision: The Rochester City School District's vision is to ensure all students have equitable access to high-quality education and graduate each student as a productive member of society.

School Mission

Starting with the 2015-16 school year, we have united Edison Career and Technology High School in the City School District, poised to be a positive force in the Rochester and Finger Lakes regional economy.

Edison Tech students take rigorous academic and technical coursework along with work-based learning in four distinct career pathways. Our mission is to ensure that an Edison Tech graduate is exceptionally well prepared for jobs in high-demand, rewarding career fields.

Career Pathways are central to that mission. The four pathways are: Construction/Architecture and Design, Engineering and Manufacturing, Digital Media, and P-Tech. At the heart of all of these pathways is the theory of linked learning, where students have the opportunity not just to gain education in the classroom but also from hands-on training and on-the-job experiences.

The bedrock for our pathways approach to education is the idea of linked learning which ties academics, technical training, work-based learning, and support services to create a valuable and relevant education that will inform and excite students.

Highlight/ Summary of your school

Why do students come to Edison Tech?

- Teachers provide relevant hands-on instruction in labs, shops, and classrooms
- Career pathways link academic and technical coursework
- Students gain work experience at every grade level, including workplace visits, mentoring opportunities, internships, and work-based experience
- Graduates can earn industry credentials and college credits. P-TECH students will earn a two-year degree at no-charge along with their Edison diploma
- Students can take an alternate assessment option in place of one Regents exam
- Sports, music, clubs, and extra-curricular activities provide a well-rounded education

Career Technical Education (CTE) programs in the Rochester City School District provide high school students with academic and technical skills, knowledge and the training necessary to succeed in future careers. Programs have been developed with industry and post-secondary partnerships to ensure curriculum is current with industry standards. Students who graduate from CTE programs have multiple options for their future, including continuing their education at colleges and universities, entering the workforce or enter technical training.

Curriculum Information

Relevant hands-on instructions in classrooms, labs, and shops Career pathways linking academic and technical coursework Work experience at every grade level including workplace visits, mentoring and internships Graduates can obtain industry credentials and college credits Sports, music, clubs, and other extra-curricular activities are well-represented at Edison Four Pathways

Advanced Manufacturing and Engineering

- Automotive Systems
- Automotive Technology
- Engineering and Optics
- Precision Machining
- Welding

Construction, Architecture, and Design

- Carpentry
- Computer Aided Design and Drawing
- Electrical Technology
- Masonry

Digital Media Arts and Communication

- Advertising Design
- Interactive Media Design
- Video and TV Production
- Music Production

Cohort Data and Post-Secondary option

Number of students in 2017 cohort: 386

Number of students in 2016 cohort: 450

National Assessments

Average SAT Scores

| | Edison | RCSD | State |
|-------------------|--------|------|-------|
| Reading & Writing | 410 | 467 | 528 |
| Mathematics | 420 | 451 | 523 |
| Cumulative | | 917 | 1052 |

Course Descriptions

Social Studies:

Social Studies education is required for all students every year of their school careers from Kindergarten through grade twelve. In the early grades, students explore their own families, communities, and the communities of others as they build their historical thinking skills. As the years progress, students conduct more in-depth investigations of peoples in the United States and the rest of the world in order to develop a better understanding of the core areas of social studies: government, economics, geography, and history. Ultimately, it is the goal of the social studies program to help students develop the critical skills needed to be active citizens in our community, our country, and our world.

English

English I – English IV

Four units of English and the English Regents are required for high school students to graduate in New York State. Our program is designed to foster the reading, writing, listening, speaking, language, and critical thinking skills necessary to be college and career ready. Students will be required to read, analyze and synthesize across literary and informational texts, write for multiple audiences, tasks, and purposes, listen and speak in collaborative discussions with their peers, and demonstrate a solid command of the English language. English classes are selected with students according to reading and writing skill level, as determined by state assessments, student performance and student interest. Students who demonstrate a need for additional assistance with English skills will receive these services through supplemental instruction. All students are required by New York State to take the Common Core English Regents Examination; a student must pass this

exam in order to earn a diploma in New York State. Eligible students may take the exam in other grade levels.

Science

Science offerings for the secondary level include the following: Living Environment, Physical Setting/Earth Science, Physical Setting/ Chemistry, Physical Setting/ Physics, General Chemistry, Environmental science and Anatomy & Physiology.

Mathematics

There are a variety of mathematics offerings to meet the needs of scholars. The following courses are offered at the secondary level. Algebra 1 Regents, Algebra I Math lab (taking currently with Algebra I R), Geometry, Algebra- Geometry Blend, Geometry Regents, Advanced Algebra with Financial Applications, Algebra 2, Algebra II Regents, Algebra II Regents Honors, Pre-Calculus, AP Statistics and AP Calculus.

CTE

CTE offers work-based learning, Career Pathways to Public Safety programs as well as the following pathways: Automotive, Manufacturing and Engineering, Construction and Design, Digital Media Arts and Communication

World Languages

RCSD World language courses offers scholars American Sign Language, French, Latin, Spanish, Mandarin Chinese and AP offerings.

Visual Arts

Offerings include Studio in Art I, Student in Art II, Studio in Draw & Paint, Studio in Sequence, Studio in Photo II, Three-D I, Three D-II, Three-D III, Video Art I, Video Art II, Video Art III, Media I, Media II, Media III, Draw/ Paint I, Draw/Paint II and Draw/Paint III. Other Visual Arts electives include Art History, Principles of Design, Printmaking, AP Art History and Art Portfolio.

Music

Offerings include Music in Our Lives, Piano I, Piano II, Chorus I, Chorus II, Chorus III, Voice I, Voice II, Voice III, Percussion I, Percussion II, Percussion III, Beginner’s Band, Intermediate Band, Advanced Band, Beginner’s Orchestra, Intermediate Orchestra and Advanced Orchestra. Other music electives will include History of Music, Music Theory, Jazz Band, and AP Music History.

Health

Health courses include Death and Dying, Health 10 -12, and Global Health

Letter/Numeric Grade Conversions

| | |
|----|-----------------------|
| A+ | Superior (95-100) |
| A | Excellent (90-94) |
| B+ | Very Good (85-89) |
| B | Good (80-84) |
| C+ | Above Average (75-79) |
| C | Average (70-74) |
| D | Below Average (65-69) |
| F | Failure (Below 65) |

Grade Point Average

| Grade Achieved | Honors Class | Regents Class | Non-Regents Class |
|----------------|--------------|---------------|-------------------|
| A+ | 6.5 | 5.5 | 4.5 |
| A | 6.0 | 5.0 | 4.0 |
| B+ | 5.5 | 4.5 | 3.5 |
| B | 5.0 | 4.0 | 3.0 |
| C+ | 4.5 | 3.5 | 2.5 |
| C | 4.0 | 3.0 | 2.0 |
| D | 3.0 | 2.0 | 1.0 |
| F | 0 | 0 | 0 |

Graduation Requirements

| COURSE | CREDITS | LOCAL DIPLOMA | REGENTS DIPLOMA | REGENTS DIPLOMA WITH ADVANCED DESIGNATION |
|-----------------------|------------|---|---|---|
| English | 4 | English Language Arts | English Language Arts | English Language Arts R or C.C. |
| Soc. Studies | 4 | 1 Regents Social Studies | 1 Regents Social Studies | Global History Regents and US History Regents |
| Math | 3 | 1 Regents Math | 1 Regents Math | Integrated Algebra R or C.C., Geometry R or C.C., & Algebra 2/ Trigonometry Regents or C.C. |
| Science | 3 | 1 Regents Science | 1 Regents Science | 2 Regents Sciences |
| LOTE* | 1 or 3 | 1 Science, Social Studies, Math or LOTE | 1 Science, Social Studies, Math or LOTE | LOTE Comprehensive Exam |
| Fine Arts | 1 | | | |
| Health | .5 | Passing Score | Passing Score | Passing Score |
| Physical Education | 2 | Only for students with an IEP or a 504 Plan | 65+ on 5 exams | All Cohorts: 65+ on all 8 or 9 exams |
| Electives | 1.5 to 3.5 | Safety Net Option: 55% - 64% on 5 required exams | | |
| Min. Credits Required | 22 | Compensatory Safety Net Option: Up to two scores of 45% - 54% (except in English & Math) can be compensated by another exam with the score of 65% or higher | | |

Superintendent of Schools
Lesli C. Myers-Small, Ed.D.

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