

BTHS ENTRANCE EXAM

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Is Brooklyn Technical High School hard to get into? This means that the acceptance rate for Brooklyn Tech is approximately 5%.

What is the minimum score to get into Brooklyn Tech? Brooklyn Tech: The lowest admission score is 503 out of 800 points. Queens Science: The lowest admission score is 527 out of 800 points. Stuyvesant: The lowest admission score is 561 out of 800 points. Bronx Science: The lowest admission score is 521 out of 800 points.

Is Brooklyn Tech prestigious? Brooklyn Technical High School is ranked #67 in the National Rankings. Schools are ranked on their performance on state-required tests, graduation and how well they prepare students for college.

Is Brooklyn Tech an Ivy feeder? Brooklyn Tech also sends students to prestigious universities across the US, including every single ivy league institution, Stanford, MIT, CalTech, Duke, Vanderbilt, Amherst, Williams, UC-Berkeley, UCLA, USC, etc.

What is the controversy with Brooklyn Tech High School? Shocking student sex abuse probe bungled by Brooklyn Tech: lawsuit. Prestigious Brooklyn Tech High School bungled a probe of shocking student-on-student sex abuse -- erasing evidence of child porn and even accusing the young victim of orchestrating an harassment campaign...

What is the hardest high school to get into NYC? Midwood High School once again took the top spot with 10,142 applicants, edging out Townsend Harris—a selective program that only admits students with top grades and test scores—and Francis Lewis, which has topped the list for several years. Midwood and Francis Lewis are massive—each serving more than 4000 students.

Is 500 a good SHSAT score? Below are the approximate cut-off scores for three of the schools: Brooklyn Tech: 475–480. Bronx Science: 495–500. Stuyvesant: 560–570.

What famous people went to Brooklyn Tech?

Can you get into Brooklyn Tech without SHSAT? Admission. Admission to Brooklyn Tech is based exclusively on the Specialized High Schools Admissions Test (SHSAT), open to all eighth-grade and first-time ninth-grade New York City students.

Where do most Brooklyn Tech students go to college? About one-third of graduates go to private or out-of-state colleges and many attend CUNY and SUNY schools, including the highly competitive Macaulay Honors College.

Is Brooklyn Tech overcrowded? Brooklyn Tech's size is a draw for many students, but there have also been concerns about overcrowding as a result. For example, the school library usually reaches its maximum admittance in the first few minutes of each period, and this year's club fair had to be shut down early because of the unsafe rush of students.

Is Brooklyn Tech competitive? Brooklyn Tech is a school of champions. Our teams have filled the hallways with countless banners, medals and shelves overflowing with trophies. However, in a school of over 6,000 students, only a select few can partake in its competitive activities.

Is Brooklyn Tech hard to get into? Based on ranking and test scores, admission is allotted. In order to raise your chances, it is suggested the students prepare well and score high on SHSAT. The school is known to have the 6th highest score cut-off. It was 506 for the year 2022.

How many kids are in BTHS? editorial. Brooklyn Technical High School is a top rated, public school located in BROOKLYN, NY. It has 5,940 students in grades 9-12 with a student-teacher ratio of 20 to 1.

When did Brooklyn Tech allow girls? In 1970, Tech underwent a major change when female students were admitted to Tech for the first time. Two years later, Tech

welcomed a new principal when Dr. Louis Weiss, former Chemistry Department Chairman and Acting Principal, was appointed.

How to get into Brooklyn Technical High School? Admission. Admission to Brooklyn Tech is based exclusively on the Specialized High Schools Admissions Test (SHSAT), open to all eighth-grade and first-time ninth-grade New York City students. The test has math (word problems and computation) and verbal (reading comprehension and grammar) sections.

What is the hardest tech school to get into? 1. California Institute of Technology Caltech Admissions are very selective, making this school one of the hardest colleges to get into in the U.S. The Caltech acceptance rate is 3%—tied with Harvard for the top spot on our list of lowest acceptance rate colleges.

What is the prestigious high school in Brooklyn?

What is the toughest high school to get into?

What sections did the Roman Empire break into in 395 _____? After Diocletian, the Empire would be permanently split in 395 CE after the death of Theodosius I leaving his two sons to split the Empire into western and eastern halves.

What was one of the factors that caused the decline of the Roman Republic? Economic problems, government corruption, crime and private armies, and the rise of Julius Caesar as dictator all led to the eventual fall of the Roman Republic in 27 BCE.

What measures did the government take to distract and control the masses of Rome? To distract and control the masses of Romans, the government provided free games, races, mock battles, and gladiator contests.

Which of the following was described as being an indication of the end of the Roman Empire? Odoacer. A soldier, who came to power in the Western Roman Empire in 476 CE. His reign is commonly seen as marking the end of the Western Roman Empire.

Who ruled over Rome from 379 to 395? Theodosius I , or Theodosius the Great in full Flavius Theodosius, (born Jan. 11, 347, Cauca, Gallaecia [Spain]—died Jan. 17, 395, Mediolanum), Roman emperor of the East (379–392) and of East and West (392–395).

What happened to Rome in 395? In 395, after winning two destructive civil wars, Theodosius I died. He left a collapsing field army, and the Empire divided between the warring ministers of his two incapable sons. Goths and other non-Romans became a force that could challenge either part of the Empire.

What killed the Roman Empire? What caused the fall of Rome? Corruption, the division of the empire, and invasion by Germanic tribes were the three main causes of the fall of Rome. Some scholars believe that there were other contributing factors as well.

Who defeated the Roman Empire? The fall of Rome was completed in 476, when the German chieftain Odoacer deposed the last Roman emperor of the West, Romulus Augustulus. The East, always richer and stronger, continued as the Byzantine Empire through the European Middle Ages.

Why did the Roman Empire split? The Tetrarchy (“rule of four”) was created by Diocletian in 293 CE. In the third century, the Roman Empire had grown too large and impossible to administer. To solve this problem, Diocletian divided the Roman Empire into four distinct territories, each to be governed by a different ruler.

What were the main reasons for Romans success in controlling a large empire? The military was one of the key reasons for Rome's success. The Roman army was highly trained and disciplined, growing in reputation as the best army in the world. With their success in war, the empire was able to expand its control over 3 separate continents including Asia, Africa, and most of Europe.

How did the Roman Empire keep control? The Roman government maintained control over conquered territories using the strength of its military, political system, and economy. The empire was divided into provinces with local governments and military forces that ensured taxes were collected and order was preserved.

How did the Roman government keep poor Romans from rebelling responses?

The Emperor Augustus was well aware of this risk and was keen to keep the poorest plebeians happy enough and reasonably well fed so that they would not riot. He began the system of state bribery that the writer Juvenal described as 'bread and circuses'.

What were the four major reasons that the Roman Empire finally collapsed?

What things do historians suggest helped end the Western Roman Empire?

Many historians have postulated reasons for the collapse of the Western Roman Empire. Their conclusions usually belong in two broad schools: (1) external factors, such as military threats and barbarian invasions or (2) internal factors, such as a decline in "civic virtue" and military and economic capability.

What factors caused the decline of the Roman Empire?

Who ruled Rome in 1000?

How did the Roman government view Jesus and the first Christians? To the Romans, Jesus was a troublemaker who had got his just desserts. To the Christians, however, he was a martyr and it was soon clear that the execution had made Judaea even more unstable. Pontius Pilate – the Roman governor of Judaea and the man who ordered the crucifixion – was ordered home in disgrace.

Who ruled Rome in 800 AD? Charlemagne (born April 2, 747? —died January 28, 814, Aachen, Austrasia [now in Germany]) was the king of the Franks (768–814), king of the Lombards (774–814), and first emperor (800–814) of the Romans and of what was later called the Holy Roman Empire.

Which empire still thrived after 476? While the Western Roman Empire fell in 476 CE, the Eastern Roman Empire, centered on the city of Constantinople, survived and thrived.

Who divided the Roman Empire in 395? In 391 A.D., Theodosius ordered the closing of all temples and banned all forms of pagan cult. After his death in 395 A.D., the empire was divided between his sons, Honorius (Western Roman emperor) and Arcadius (Eastern Roman emperor).

Who took over Rome around 600 BC? Ancus Martius is said to have built Rome's seaport Ostia at the mouth of the Tiber. Shortly before 600 BC Rome was conquered by several Etruscan princes from across the Tiber River.

How was the Roman Empire divided in 395? After his death in 395 A.D., the empire was divided between his sons, Honorius (Western Roman emperor) and Arcadius (Eastern Roman emperor). The West, separated from the East, could not long survive the incessant barbarian invasions.

What areas did the Roman Empire split into? In AD 286 the Roman Empire was split into eastern and western empires, each ruled by its own emperor. The western empire suffered several Gothic invasions and, in AD 455, was sacked by Vandals. Rome continued to decline after that until AD 476 when the western Roman Empire came to an end.

What empire was divided in 395 and the eastern part became the Byzantine Empire? The Byzantine Empire existed from approximately 395 CE—when the Roman Empire was split—to 1453. It became one of the leading civilizations in the world before falling to an Ottoman Turkish onslaught in the 15th century.

Who was the Roman emperor in 395 CE? Theodosius I (Greek: Θεοδοσιος; 11 January 347 – 17 January 395), also called Theodosius the Great, was a Roman emperor from 379 to 395.

Q1: What is the frequency response of a microelectronic circuit?

A: The frequency response of a microelectronic circuit refers to how the circuit's behavior changes with respect to the frequency of the input signal. It describes the circuit's gain, phase, and input/output (I/O) impedance as a function of frequency.

Q2: Why is understanding the frequency response important?

A: Understanding the frequency response is crucial for designing and analyzing microelectronic circuits. It allows engineers to determine the circuit's bandwidth, stability, and overall performance over different frequency ranges. It also helps identify potential resonances, noise issues, and other frequency-dependent effects.

Q3: What are some key factors that affect the frequency response of a microelectronic circuit?

A: The frequency response of a microelectronic circuit is influenced by various factors, including the circuit topology, component values, and the type of signal processing being performed. Inductors, capacitors, and transistors all exhibit frequency-dependent behavior, which affects the overall response of the circuit.

Q4: Can you provide an example of a practical application where the frequency response is important?

A: Consider a high-speed data transmission system. The frequency response of the associated amplifier circuits determines the maximum data rate that can be transmitted without excessive signal distortion. Understanding the frequency response helps engineers optimize the circuit for the desired bandwidth and minimize data loss.

Q5: Are there any resources for further exploring the frequency response of microelectronic circuits?

A: Yes, there are numerous resources available, including textbooks, online forums, and dedicated websites. For a comprehensive guide, I recommend "RF Microelectronics" by Behzad Razavi, which provides a thorough analysis of frequency response and other fundamental concepts in microelectronics.

What is the latest edition of Perry's chemical engineering Handbook? Perry's Chemical Engineers' Handbook (also known as Perry's Handbook, Perry's, or The Chemical Engineer's Bible) was first published in 1934 and the most current ninth edition was published in July 2018.

Is Chem Eng the hardest? Novik's list ranks chemical engineering as the hardest major in this field. This might be because chemical engineers' unique training involves concepts from across many other STEM disciplines, including chemistry, biology, math, and physics.

How many points needed for chemical engineering? Minimum overall average of 70% (excluding LO) Minimum mathematics mark of 75% Minimum physical science

mark of 65%

Which exam is best for chemical engineering? Overall, to get admission to B. Tech Chemical Engineering programs, candidates must give national-level entrance exams such as JEE Main, and JEE Advanced, and some state-level entrance exams like OJEE, MHT-CET, etc.

Who is the famous chemical engineer? Linus Pauling, who won the Nobel Prize in Chemistry in 1954 and the Nobel Peace Prize in 1962, was a chemist and chemical engineer. Lee Raymond, a former Chairman and CEO of ExxonMobil, is a chemical engineer.

What is the biggest chemical engineering company?

Is a Masters in Chem Eng worth it? Benefits Of A Master's Degree Gaining a master's degree in chemical engineering is an investment that can pay dividends for years to come. With the right program, students will have access to internships and networking opportunities that help them stay current on industry trends while building valuable soft skills.

Is Chem Eng a good degree? Overview of Chemical Engineering The job outlook for chemical engineers is expected to grow at an above-average rate, with most job openings in research and development. Chemical engineers can also find employment in industries such as biotechnology, pharmaceuticals, food processing, and energy production.

Is Chem or physics harder? Some people find Physics easier because it involves mainly mathematical concepts and logic, while others prefer Chemistry due to its mix of concepts, memorization, and hands-on lab work.

What is the latest edition of rules of thumb for chemical engineers? Resources. Rules of Thumb for Chemical Engineers, Sixth Edition, is the most complete guide for chemical and process engineers who need reliable and authoritative solutions to on-the-job problems. The text is comprehensively revised and updated with new data and formulas.

What is the latest edition of Lange's Handbook of chemistry? There are other editions of this item. This is the most recent edition. The go-to reference for chemists

for more than 70 years—completely updated to include today's essential topics.

What is the latest technology in chemical engineering? Industry 4.0 technologies, such as artificial intelligence (AI), machine learning, big data analytics, and the Internet of Things (IoT), will enable chemical engineers to optimize processes, improve efficiency, and make data-driven decisions.

What is the AIChE journal? The AIChE Journal is a broad-based monthly that publishes significant research results in all areas of chemical engineering. The field of chemical engineering is extremely broad. We seek papers that convey the breadth yet meet the highest standards in rigor, novelty, and innovation.

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