

Eagle Pathways® STEM + Soft Skill Development + Innovative Thought

The Thinking Company

Building Innovative Mindsets





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About Eagle Pathways

Eagle Pathways® is an education management company headquartered in Shenzhen, China and in Silicon Valley, United States. Eagle Pathways offers global perspectives to China's youth, entrepreneurs, and business professionals through studies in innovation, creativity and idea exchange.

Eagle Pathways offers clients the best one-stop source for all US University admissions needs. We are dedicated to providing clients with the personalized attention, guidance, and skills necessary to be successful in the US University application process, in university studies, and in life.

The Eagle Pathways team of US university lecturers, teachers, former admissions interviewers, and industry experts advise our clients on admissions trends, what universities look for, key preparation tips, and how to navigate an increasingly complex and dynamic admissions process.

- 1. We pay attention to the best interests of students
- 2. Positive relationships are important.
- 3. Advantages of American experts.



Let's Imagine

Catalog

ApplyWrite®-Individualized Education Consulting Services	. 4
Preparation Strategy: Understanding the Differences of ED, EA and RD Application in American Universities	. 5
1: Do High Scores and Perfect Scores Guarantee that You will Enter the Top Universities in the United States?	
2: Difference Between Graduate and Undergraduate Applications to U.S. Universities1	L2
3: Eight Tips for Applying to an MBA Program in the U.S	۱5
4: Guide to Studying Engineering in the U.S.	۱9
5: 3 Essential Tips for Applying to a Graduate Program in the U.S	23
6: What is the First Determinant of the Enrollment of Famous Universities in the United States?	27
7: What should You Do After the Application is Submitted?	29
WriteRight- Online 1v1 writing coaches platform	32
8: Citation Styles at U.S. Universities and Common Citation Mistakes to Avoid	33
9: Improve Your Academic Writing with These 7 Writing Tools	38
10: Academic Writing Made Easy and 8 Academic Writing Tools	11
InitialView®- Interview Coaching Program	14
11: What Do You Need to Prepare for the Recruitment Interview?4	15
Emeritus®-AN ENRICHMENT PROGRAM	17
12: With Artificial Intelligence Replacing Humans, What Work Skills Will Be in Demand?4	19
13: The Symbiotic Relationship Between Artificial Intelligence and Psychology	55
14: The influence of artificial intelligence (AI) on the admission of American universities in the future	58
15: What's the relationship between marshmallows, honeybees and AI?6	51

EAGLE PATHWAYS EDUCATION MANAGEMENT

Your Personal Guide to the Best US University Education

Let's Imagine

Mindstorms®	64
16: What is Design Thinking?	66
17: Why critical thinking is a necessary skill for students studying in the United States?	71
18: How to cultivate critical thinking through debate?	75
Little Engineers®- WORLD CLASS STEM TRAINING FOR KIDS AND TEENS	79
20: 6 Things You Can Do to Teach STEM at home?	80
21: 10 Reasons Why Playing Minecraft is Good for Kids	84

3



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ApplyWrite®-Individualized Education Consulting Services



ApplyWrite® is a premium, individualized education consulting service that helps young people get the U.S. university education they need to succeed in today's competitive world.

The ApplyWrite process draws on ideas from other highly individualized services like private wealth management – a dedicated team who works with you without conflicts of interest. We don't accept payments from universities, agents, or other providers. We are your partner!

- 1. We take a higher perspective. We want your student to not only get into a great U.S. university; we want your student to succeed at university and in life after.
- 2. We help build skills in students so they can compete with U.S. students. Each year, more than 10,000 Chinese students are reportedly sent home from U.S. universities, mostly because they simply can't compete.
- 3. No ApplyWrite student has ever been sent home for failure to compete.



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Preparation Strategy: Understanding the Differences of ED, EA ,RD and RO Application in American Universities



Getting the right information at the right time is the key to everything in life. The same is true for applications to the U.S. higher education program. The first step in the application process of American universities is to know the application time. There are three types of university applications in the United States: early admission ed, early action EA and regular admission Rd. Let's take a closer look at what these terms mean for your American university application dream.

Early Decision (ED)

The early decision-making application of American universities is called ed because the universities decide the admission of students in advance. Therefore, if you want to start applying for the U.S. university program in the fall of 2020 (September), your ed must be completed by **November 1, 2019.** You will be informed of your admission in December 2019. The advantage of ED is that if you are not accepted, you still have enough time to apply to other universities in the United States.

Important: Although ED can let you know your destiny more quickly, we suggest that you apply this option only when you are fully convinced that "this is my ideal university and course". First, you are only allowed to submit ed applications to one university. Third, ED is a binding early application option. If someone chooses ed, the applicant must be admitted to the selected university.

If you are accepted by the American university that ED applied for, but you do not sign up for this university, you will not be able to enter other American universities.



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Early Action (EA)

Unlike ED, EA applications are not binding. This means that even if you have been admitted to the ideal target university, but want to have more options, then this plan is particularly suitable for you.

The deadline for early action applications will vary, but it usually ends in November each year. You will be informed of your offer in December, but in May of the following year you will have to make a choice in your university. At the same time, please make sure that you are ready to apply for regular admission to the University.

Applying to ED or EA requires you to thoroughly study the universities that offer these options. About 450 universities in the United States offer ed or EA application options, and some offer both. In addition, the details of ED and EA programs vary slightly from school to school.

Before deciding to submit an ED or EA application to the University, you should know whether your academic and other qualifications match the University's admission requirements. Although only a small percentage of applicants choose the ED or EA route, the competition is still fierce, because you are facing competition with other highly valued applicants, who may have made every effort to ensure enrollment through ed or EA.

Regular Decision (RD)

RD application is the preferred option for most American University applicants. You can apply to more than one university and wait to see which one you will be admitted to. Then you can choose your best option. The deadline of RD application is between November and March. Generally, you can accept or reject the acceptance notice before May.



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Rolling Admissions (RO)

Rolling admission means that after the suggested deadline, the school will adopt the rolling admission mode for students who submit applications after these dates. Colleges and universities that adopt the rolling enrollment policy will evaluate the application materials of students after receiving the application. They will issue the notice of enrollment decision to students regularly, sometimes even every day, rather than uniformly on a specific day. "If students submit their applications early, they will receive decisions from the University in advance," said Kellie Kane, Dean of admissions at the University of Pittsburgh Although the school will always accept the application for admission, it is likely that the school will fill the required students in a short period of time, and then the students who submit the application, even if the school wants to admit you do not have enough places, can only wait silently in the waiting list.

This form summarizes the basics of the application decision options:

				Can	
		Receive		you	When do you
		admission		submit a similar	want to confirm
	Application	notice in	Is the decision	application to other	your
	deadline	advance	binding?	schools?	acceptance?
ED	to Nov.	yes	yes	no	Auto
EA	to Nov.	yes	no	yes	May 1st
	Nov. to				
RD	Mar.	no	no	yes	May 1st
	Faster is				
RO	better	Case by case	\	Yes	\



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Understanding the U.S. college application process may seem like, you just learned to swim, accept a challenge in a fast-flowing river upstream! But don't worry. This is the value we can give. We will break down the application process of American universities into easy to understand small steps to help you master all the information of American universities, courses and Application guide. The aim is for you to successfully apply to the ideal university at the right time.



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1: Do High Scores and Perfect Scores Guarantee that You will Enter the Top

Universities in the United States?



There is a common misconception that a high score or a perfect score will guarantee admission to the top American Universities of dreams. This time of year is when students receive offers or rejections from American universities. Some students will receive admission notice from dream university, while others will wonder why their perfect scores have not been seen by top universities like Harvard, Stanford or Princeton?

It's not easy to achieve perfect scores and high scores. Less than 1% of the students who apply for act every year can get 36 perfect comprehensive scores. Although the statistics of sat this year have not been published, few of them get 1600 perfect scores according to the historical records of previous



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years (act and sat are two main tests recognized by the American college enrollment system). Still, Stanford has turned down 70% of applicants for perfect scores in the past five years. Some people may be surprised. Why is that?

First, the most competitive universities in the United States admit only a small percentage of applicants each year. Let's take a look at the following set of data.

From this data, we can see that there are many applicants in the same university, because these are the best universities in the United States? It's not necessarily true that these universities are easily recognized by the public because they often appear in the rankings of some institutions, but the rankings are misleading because their reference standards may not be important to you. For example, the US News ranking includes such ranking parameters: how much is the endowment fund deposit of a university? Therefore, if we want to consider university rankings, it is necessary to study different rankings and find out their reference standards. It's important to choose the universities that rank first in your field of expertise, not the others.

Moreover, many American universities will deliberately control the number and proportion of international students they want to enroll. Therefore, international students from Asia need to have higher scores than average American applicants to be admitted. According to a study from Princeton University, Asian students need to have an average SAT score of 140 points higher in order to have the same opportunity to be admitted to a competitive American University. The reality is so cruel!

The most profound lesson is that almost all American college admissions officers value more than just high scores and perfect scores. Stanford University calls this practice "holistic consideration", while other universities use similar terms, but the same thing is that their criteria for admission all exceed high scores and perfect scores. As they say, the applicants' emotional intelligence, activities and experiences outside academic and leadership ability are what they really recognize. This is the main reason why American colleges and universities require applicants to submit documents to demonstrate the above ideal characteristics they value.

So, in order to improve your chances of admission to American universities, what important measures can you take to meet your needs?

I. Formulate application strategy



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Select the reference coefficients that meet the requirements of your ideal university: geographical location, school size, class size, academic reputation of your chosen major, etc. You can study more than 6000 colleges and universities in the United States and apply for the right schools. If you need help, Eagle Road has a number of experienced and knowledgeable American consultants (as well as customer service teams in China) who can find the most suitable American universities for you and develop application strategies for you.

2. Tap the flash of personality and talent

Learn how to write an application that meets the requirements of an American university to show your personality and talent. These are not easy for international students, but don't worry. Eagle Road's U.S. professional document coach can guide you how to write and polish application documents, and help you present your best.



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2: Difference Between Graduate and Undergraduate Applications to U.S. Universities



For international students applying to U.S. universities and colleges, it is essential to understand the differences between graduate and undergraduate school applications. You see, an individual entering college is a teenager who over the next four years of college will mature into an adult. On the other hand, a graduate school applicant has experienced campus life and has had enough time to clear their thoughts on the career they want to pursue. Since the expectations from graduate and undergraduate students are different, the parameters used to evaluate their applications also differ.

While there are commonalities in both undergraduate and graduate applications, such as academic scores, essays, recommendation letters, and standardized test scores, the emphasis given to each of these aspects in evaluating applicants to undergraduate and undergraduate courses certainly vary.

Let's delve into this some more.



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Desired Elements in Undergraduate Applications for U.S. Universities

The teaching in undergraduate courses at U.S. universities and colleges focuses on imparting education as well as developing the student as a holistic individual. Although a student must indicate their area of interest in the application form, the student once admitted is free to choose whatever majors they would like to study.

While the academic score is one of the most important criteria for assessing an undergraduate applicant, admission officers are also looking for qualities such as perseverance, positive attitude towards study, and the ability to contribute to the campus community.

International applicants applying to undergraduate courses should focus on submitting an application that includes high academic grades, SAT and TOEFL scores, and personal essays which exhibit the ability to think creatively. Also, letters of recommendation from a teacher, coach, advisor, mentor, or school counselor who can vouch for the applicant's commitment to study, passion for a subject, or individual perseverance, can go a long way in impressing admission officers at U.S. universities and colleges.

Graduate Applications for U.S. Universities

While undergraduate courses can have classroom sizes of a couple of hundred students, graduate school involves smaller class sizes with a great deal of interaction between students and faculty and amongst students. At the same time, there is much less hand-holding of students from administrators and professors. Generally, students who have excellent social interaction skills tend to perform better at the graduate level.

The graduate school experience requires students to communicate well with others, meet deadlines, work effectively on team projects and manage a higher level of stress. There is a greater focus on research projects where students are required to present ideas and defend their arguments with a well thought out hypothesis and data.

So most graduate school committees when evaluating applications are looking at more than just the academic achievements of a candidate or the applicant's passion for the chosen field of study. They are also looking for candidates who have demonstrated qualities of flexibility, the ability to function independently, take initiatives, formulate and express ideas convincingly, and are adept at social and personal interactions. If you are applying for a research degree, then evidence of your ability to do



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research (e.g., letter of recommendation from a college professor, an independent research program that you undertook as an undergraduate) carries significant weight.

Overall, if you compare the assessment of graduate and undergraduate applications, academic scores figure prominently in the decision to grant admission to an undergraduate applicant, while at the graduate level, a candidate is evaluated on the entirety of the application.

International students applying to the U.S. for graduate and undergraduate programs often struggle with the application process; for instance, identifying universities that best match their interests, knowing when to apply, and completing the various sections of the application forms is challenging. To successfully steer the application process at U.S. universities and programs, international students must seek the advice of an experienced U.S. education consultancy.

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3: Eight Tips for Applying to an MBA Program in the U.S



If you want to build an international career, an MBA from the U.S. is a pretty good place to start. MBA programs in the U.S. are recognized as among the best in the world. Institutions such as Stanford, Harvard, Wharton, MIT-Sloan, and Columbia University (to name a few), offer international students a chance to learn from the best business minds, as well as gain exposure to an environment steeped in innovation and entrepreneurship.

So, if you want to make your dream of getting through a top MBA program in the U.S, here's what you need to do



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Get the Basics Right

1. Improve your American English

Business schools are all about using your communication skills. Whether it's applications essays, video interviews for admission, group projects, or internships you need to be fluent in expressing your ideas in written and holding a conversation in American English. Also, as part of the admission process, you will have to submit TOEFL and GMAT scores which will test your fluency in English as a foreign language.

Assess where you are at with your English proficiency. For instance, if you can't easily read and grasp American publications such as the Wall Street Journal, you need to work on your American English skills.

Reading and writing more in American English is the first step to achieving your goal. It's also advisable that you recruit the services of a North American English language teacher with experience in working with international students applying to the U.S.

2. Keep academic transcripts ready

To be eligible for an MBA program in the U.S international you must hold an undergraduate degree that is equivalent to a four-year American bachelor's degree. At the time of application, you will have to send the transcripts of your academic record to the prospective business schools.

However, the problem arises when you attempt to convert the home country college/ university scores into the American college level grading system, or when the transcripts issued by your domicile university need to be submitted with certified English translations.

Firstly, to avoid ambiguity, include details of all educational and professional courses undertaken after secondary education. Secondly, to help you translate your scores in a format that can be easily understood by admission committees, we recommend you recruit the services of an international educational consultancy with experience in admission to U.S. universities and colleges.

3. Guide your recommenders

Ensure that the persons you approach to write the letters of recommendation know your caliber. It may seem contrived, but it makes sense to share with your recommender the incidents, themes, or your qualities (which they have witnessed) you'd like them to mention in the letter.



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If the recommendation is not in English, ensure that you include an English translation as you submit the form.

4. Choose an MBA college that matches your career goals

Most MBA programs in the U.S. offer specializations in the field of marketing, finance, human resources, corporate strategy, etc. While specializations will influence your employment prospects, so will your choice of location. That's because MBA colleges typically build a network of associations with regional companies, as well as local business and community leaders.

So, for instance, if you study in New York, your MBA school may have a strong network with the banking and financial companies. On the other hand, schools based in San Francisco Bay Area may be more successful at placing their students in technology companies. Therefore, when deciding which MBA programs in the U.S you want to apply to look at the placements for the last three years by company and industry. Do they match your interests and career goals?

Make Your Application Stand Out

5. Understand what an MBA will prepare you for

"Why do you want to do an MBA," is a question that you will have to answer at different stages of the selection process. Understanding the MBA curriculum and the development experience it offers will help you craft an effective response to this question.

6. It's not the quantum but the quality of work experience you have

Work experience is important, but a candidate with higher work experience is not necessarily a better fit. On an average, the top MBA programs in the U.S admit candidates with a work experience of between four to five years.

In general, admission officers are looking for candidates with growth potential, and those who have demonstrated key qualities such as innovation, leadership, creativity in solving business problems, and perseverance. So share experiences that reflect these aspects.

7. Highlight strengths but also share weaknesses

When companies hire someone, they want to ensure that there are no surprises, and therefore, they'd like to know as much about the candidate as possible. Well, the same goes for your MBA application.



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Projecting yourself as the perfect applicant, who is brilliant in every aspect, will naturally beg the question, "Hey what is he/ she hiding?"

MBA admission committees are more likely to rate you higher if you share some of your weaknesses along with plans of how you intend to better yourself. You can link a personal drawback with your desire to do an MBA (i.e., how do you think an MBA program will help you improve).

8. Grades matter but so do other aspects of your life

MBA programs in the U.S want applicants who have more than just a strong academic background. Have you worked or studied in a global environment where you were dealing with people from diverse cultural and language backgrounds? What personal challenges have you overcome to achieve your goals? Sharing personal anecdotes can help the admission's committee see what you can bring to the program.

In conclusion, an MBA degree from an accredited institution in the U.S can be your springboard to professional success. Therefore, all the effort you put into preparing for the admission process will be worth it.

Initiate the paperwork to obtain a student visa as soon as you get admission to an MBA program in the U.S. The initial few weeks at your chosen MBA program in the U.S will be crucial for your orientation and networking, and you don't want to miss that opportunity.



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4: Guide to Studying Engineering in the U.S.



Of the over 3,60,000 Chinese students studying in U.S. colleges and universities in 2017-18, engineering was one of the top chosen fields of study.

Why is the U.S. a Popular Destination for Studying Engineering?

The U.S. offers a wide range of engineering specializations, including petroleum engineering, electrical engineering, computer engineering, aerospace engineering, biosystems, chemical engineering, agricultural engineering, biomedical engineering, and materials engineering. However, it is not just the array of engineering study options that attract a vast number of international engineering students to the U.S.

Engineering programs (both at the undergraduate and graduate level) in the U.S., boast of cuttingedge research projects and state-of-the-art research facilities backed by funding to the tune of millions, if not billions, of dollars. As an example, the University of Arizona College of Engineering boasts of an



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annual expenditure of US\$32 million across 100 projects covering biomedical systems and devices, defense and homeland security, sustainability and infrastructure, and advanced manufacturing and materials.

The U.S. engineering sector is booming and is at the center of leading innovations in the world. In the U.S., engineers are often at the top of the earning ladder compared to other graduates seeking entry-level positions. The average income of an engineer in the U.S. (according to PayScale) is US\$76,061 – compared to US\$64,000 in Germany, US\$42,000 in the UK and US\$15,000 in China). The higher earning potential is another big point in favor of the U.S. as a destination for engineering studies.

On completion of an engineering degree, international students can work in the U.S. if they have sponsorship from an employer. Leading business names such as Apple, Amazon, and American Express are among a vast number of companies that regularly visit campuses to recruit engineering graduates from U.S. universities and colleges.

Applying for an Engineering Degree at a U.S. University

Applicants to engineering programs at U.S. universities and colleges must demonstrate a strong background in the subjects of mathematics and science. Therefore, international students must take as many of these subjects in high school as they can. Also, they can undertake courses under the U.S. College Board's Advanced Placement Program (AP). The AP offers school students the opportunity to pursue university-level studies, earn extra credit through AP exams, and build skills essential for success at the college level before starting an undergraduate degree.

Most U.S. engineering colleges have a GPA requirement of at least 3.0. At a minimum, they expect applicants to be in the top 25 percent of their high school class.

To apply to an engineering program in the U.S., international students must fill an online application form, and submit their school academic transcripts, essays, personal statement, letters of recommendations, and standardized test scores. The standardized testing requirements may vary across schools, but international applicants must be prepared with TOEFL, SAT, ACT and SAT II subject test scores at the start of the application process.

Choosing a U.S. Engineering School

Deciding which engineering programs or schools in the U.S. to apply to, is one of the more time-consuming aspects of the application process. Massachusetts Institute of Technology (MIT), Stanford



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University, University of California—Berkeley, California Institute of Technology (CalTech), and Georgia Institute of Technology are among the top undergraduate engineering programs in the U.S.

But don't let university rankings or the size of the university be the primary influencers on your decision of which colleges to apply. Many lesser known engineering programs in the U.S. offer unique, high-quality engineering degrees and research opportunities as well. For instance, the engineering team at Auburn University is working on developing a polymer that is optimal for 3d printing of tissue and bones. They also have interesting scientific research projects on environmental conservation. Another example is Harvey Mudd, which despite being a small liberal arts school, offers one of the best engineering programs in the U.S.

We recommend that international applicants to engineering programs, choose schools based on factors that are important to them – for example, the school's location, tuition fee, and reputation.

One must also seek answers to the following when applying to engineering schools in the U.S.:

Is the U.S. engineering program ABET accredited?

ABET stands for Accreditation Board for Engineering and Technology. ABET accreditation signifies that the institution meets the minimum education standards set by ABET.

Does the school offer the engineering subjects you ultimately want to specialize in and are the research facilities up to the mark? Does the engineering school offer real-world exposure through engineering internships or foreign study programs?

Remember, all of this will give you an edge as you enter the job market. What is the student-instructor ratio?

A smaller classroom size will allow for more interaction with the faculty, versus a large classroom of say two hundred students. On the other hand, a larger classroom offers a certain degree of anonymity that some students prefer. Think about, what is your ideal learning environment.

An undergraduate engineering program in the U.S. is for four years. However, many students studying engineering in the U.S. prefer to take an extra year to complete the degree due to the difficulty of many of the courses in topics like Biology, Chemistry, Physics, and



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Mathematics. So instead of doing 30 credits per academic year (which is the four-year plan), you can opt to complete the engineering degree over five years.



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5: 3 Essential Tips for Applying to a Graduate Program in the U.S



International students searching for a graduate program in the United States have a wide range of options to choose from. Of the more than 4500 U.S universities, an estimated 1700 offer Master-level degrees on subjects such as business, technology, science, politics, media, education, and many others.

What is a Graduate Program in the U.S?

Before we proceed to share the essential information that every international student applying to a graduate program in the U.S. must know, let's clarify what a 'graduate program in the U.S' means.

In many countries, a bachelors-level course is called a graduate degree, that is followed up with a postgraduate degree or a master's degree. However, that is not the case in the U.S. A bachelor's program in the U.S. is known as an undergraduate degree, and a master-equivalent degree is called a graduate degree, which can be followed by a Ph.D. level qualification. A graduate program at a U.S. university is usually for two years, although some courses may be shorter.



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In the U.S, academic institutions that offer graduate programs are often referred to as 'grad schools'. Grad schools that provide professional training are classified by the kind of training they provide - for instance, business schools, medical schools, and law schools. A large U.S. university usually comprises of multiple grad schools.

Ready These Documents and Information

To be eligible for a graduate program at a U.S. university you must hold an undergraduate degree or an equivalent qualification from an internationally recognized institution. To apply to a graduate program in the U.S, you will need to provide the following information:

- 1. Academic transcript of your undergraduate degree showing the modules you have studied along with your performance on each. The U.S. university's admission office will convert your academic score into a Grade Point Average (GPA) to be able to compare your academic credentials to other applicants. In some cases, the international applicants may be required to obtain this comparable GPA score from their domicile university or pay for a third-party credential evaluation.
- 2. GRE (for general assessment) or GMAT (usually for an MBA) test results.
- 3. Proof of proficiency in the English language (if you are not a native speaker) i.e., the TOEFL or IELTS score. Check with the graduate school that you are applying to for the preferred tests.
- 4. Personal statements elucidating your background, interests, aspirations, and why you want to pursue the graduate program.
- 5. Two to three letters of recommendations. Ideally, one of the letters of recommendation should be from someone who can vouch for your career goals such as an academic tutor from college or a dissertation supervisor, and the other from someone who can speak of your character in a different context such as a work colleague or a music coach.
- 6. Some academic graduate programs at U.S. universities may also ask for a research statement, especially if the degree offers you the option of pursuing a Ph.D. in the U.S. While this may seem daunting, remember that the admissions committee only wants to assess your understanding of the subject and the basic research methodologies.

Based on the applications received, most U.S. universities create a shortlist of applicants whom they further evaluate through an interview. The admission interview may be done online via apps like



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Skype, or in person through a meeting with alumni (from the graduate school) in your country of residence.

Submit Your College Applications Early

To get through to a graduate program at a U.S. university, you must begin the application process before the end of the second year of your undergraduate degree in your home country. So, for example, to start a graduate program in the U.S. in the year 2020, your application should be submitted by March 2019. Some grad schools may have made an offer of admission to applicants in December 2018 as part of the early decision process. (Read our blog titled 'Early Decision, Early Action and Regular Decision U.S. University Applications – Understanding the Difference' for more information)

Apply for the Visa as Soon as You Have an Offer of Admission



As soon as you get a confirmation of admission to a full-time graduate program at a U.S. University that is SEVP (Student and Visitor Exchange Program) approved, you must apply for an F1 non-immigrant visa. Apart from a document certifying the offer of admission, you'll need to provide evidence of financial resources to meet your expenses while in the U.S, and a confirmation of your intention to leave the U.S. on completion of your degree.



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For your visa interview with the U.S. embassy you'll need to carry the following documents:

- Your passport
- Form I-20 which is proof of your admission to the U.S. University
- Evidence of financial resources
- Form DS-160 which is part of the online visa application
- Receipt for payment of visa fee
- Keep your academic transcripts handy as well

As an F1 visa holder you can apply to stay in the U.S. for a year of practical training on completion of the degree. You must seek the visa extension within 60 days of graduation. If you have completed a graduate program in a STEM subject, you may be eligible to extend your stay for practical training for up to 24 months.

To be able to work in the U.S. on graduation you must apply for a work visa separately. In case you do not intend to work in the U.S., ensure that you pick a graduate degree that will boost your chances of employment in your home country.

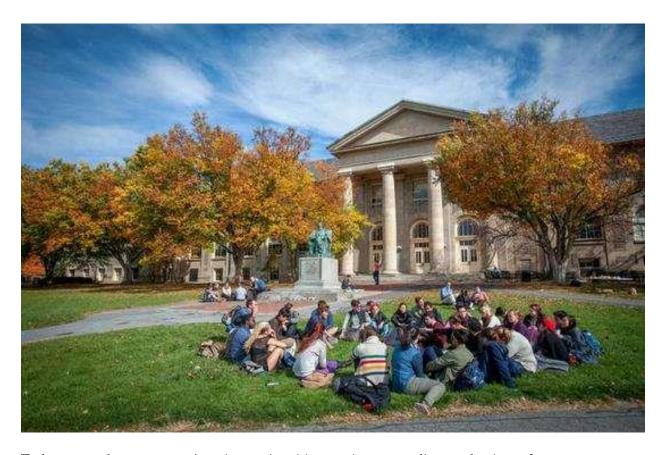
A U.S education can be a huge advantage in life but getting that education and being ready to take advantage of it after graduation can be difficult without the right assistance. Our ApplyWrite is a premium, individualized education consulting service that helps young people get the U.S. university education they need to succeed in today's competitive world. Contact us to know more how we can help you.



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6: What is the First Determinant of the Enrollment of Famous Universities in the United

States?



Today, more than ever, top American universities require outstanding academic performance as a prerequisite for admission. With the increase in the number and quality of University applicants from all over the world, academic standards are also improving. The competition is fierce, especially for Chinese students, despite their excellent test scores and academic rigor.

When asked "what requirements (or test scores) do I need to meet in order to be accepted by your school", many schools will reply: "it depends.". In fact, every school does have some conditions that applicants need to meet. Generally, it is impossible to be admitted without meeting these conditions. For example, SAT scores and national school rankings are important factors to consider.



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If admission doesn't just depend on test scores and academic achievements, how can top U.S. college admissions officers be more interested in you?

The first element of the school's investigation of students, especially the top national comprehensive universities and colleges of Arts and Sciences, is your integration with the school and your contribution to the school's community activities. This is not to say that you can do it or that you will.

The admissions officer will examine your performance both inside and outside the campus environment, such as your interests, campus cultural participation, role playing, and the level of subjects you are good at. These qualities are assessed by your personal articles, references, activities outside of school, and your vacation schedule. Admissions officers will work hard to understand your interest and emotional connection with their school, and they may even ask you to interview a school representative or alumni.

Admissions officers need to see your interest and enthusiasm. Your interest and enthusiasm will show whether you are well integrated into their extensive university community and contribute your talents. We found that applicants who take a strategic view, develop interpersonal skills and clarify their areas of interest are often accepted by top universities with a high degree of competition.



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7: What should You Do After the Application is Submitted?



After months of intense preparation, filling out forms and writing papers, congratulations on the completion of the application for all the schools on the school selection list. Next, you have to face a relatively quiet but restless result waiting period. But no matter how anxious you are, the result of the application will always surprise or surprise you in March to April according to its own rhythm.

During the period when you are anxiously waiting for the admission notice from American universities, we have some suggestions to help you make the most of your free time.

1. Keep your academic performance

The purpose of entering American universities is to continue their education and finish their studies. So in this period of time, focus on your current course and complete your study task in the last semester of high school.



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2. Share new information with admissions officers

It's a great idea to let the admissions officers of your target U.S. university know about any new awards or promotions you have received since your application was submitted. You can also send additional letters of recommendation from teachers and consultants.

Although it is uncertain how much of this additional information will be taken into account when evaluating your original application, we still recommend that you send these details to US schools.

3. It will help to show your interest

Most students apply to more than one school to improve their chances of admission. As a result, it is often difficult for American colleges and universities to distinguish which applicants will eventually accept the admission notice and choose to enter their schools. You can plan to visit the campus, interact with the staff, attend the class and show strong interest in going to dream school. In addition, participating in the regional events sponsored by the U.S. university can also help to increase your chances of being admitted to dream school.

Admissions officers at U.S. secondary schools and U.S. universities may welcome applicants to call to inquire about their application status, or you can directly ask other international students why they choose to enter the school and what advantages the school has to attract them.

However, you need to pay attention when using this strategy. Admissions officers at top universities in the United States are so busy reviewing a large number of applications every day that they may not be able to answer calls that are past the final application date. In addition, some admissions officers don't want to see the disadvantage of international applicants who can't visit American schools before admission, which is unfair to them.

4. Focus on your target American University Online

Follow your target university's official blogs and social media sites to keep up-to-date with announcements and learn more about these schools. You can also use social media to ask questions about admission procedures.

5. Check your email regularly

Check your email every day to see if there is an email from a U.S. University (they may need some additional information, such as asking for a few more documents). Respond to the recruiter's interview



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invitation in time and prepare to attend face-to-face talks (please read our article "how to flirt with American College recruiters").

6. Enrich your knowledge base

You may need to take some extra courses when you enter American universities for undergraduate or postgraduate courses. So, once you have completed your final exam in your home country, start reading some preparatory courses. You can use this free time to review the necessary basic knowledge to prepare for the undergraduate course, such as linear algebra, statistics, matrix, etc. You can even enrich your knowledge system through some online courses.

When you are waiting for the application result in anxiety, you can also do some personal preparatory work, such as starting for a school visit in the United States, saying goodbye to friends and family, saying hello and planning to keep in touch. Think about how and where you will spend your first summer vacation before you go to college. Plan your travel visa and the original I-20 form (processing time is being extended) to facilitate your travel.

Now that all the applications have been completed, enjoy yourself. You don't have to wait restlessly, check your email repeatedly to see if the University responds, let alone compare it with others. What belongs to you will come after all, enjoy this quiet time, because you may soon have to pack your bags and report to dream shoool.



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WriteRight- Online 1 vs 1 Writing Coaches Platform

The WriteRight service focuses solely on writing coaching for students who have already been admitted. However, instead of focusing on application essays and personal statements, the student and coach focus on writing assignments for the student's classes. If a teacher or professor assigns the student an essay or research paper, the writing coach can coach the student through it.

1 - for students aged 12-18 who want to improve their writing ability:

Tutors are mainly certified middle school teachers of the same age in the United States, who better understand the general weaknesses of students of that age and what should be done to help students improve their writing skills. How to narrate, how to express.

2 - for students over 18 years old who need to improve their academic writing ability:

Tutors will be mainly university professors / certified teachers / professional writers, tutoring students' academic essays / academic papers / assignments arranged by other schools, which will be matched according to students' conditions.



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8: Citation Styles at U.S. Universities and Common Citation Mistakes to Avoid



At U.S. universities and colleges, scoring well on academic assignments is no walk in the park. Apart from choosing a worthwhile topic, observing grammar rules, and meeting the writing standards of your professor, you have to stick to the guidelines of a specific citation style.

For the present generation of students that have grown up consuming much of their knowledge via the internet, the need to follow a citation style may seem outdated. However, we assure you, to score well in writing assignments at U.S colleges and universities, you need to master the skill of writing citations.

1. What is a Citation?

A citation involves giving credit to the owner or creator of the information that you have cited in a written assignment.

Whenever you reference an online source, a newspaper article, a research paper, a book, or even a television interview as part of your research, you need to give credit to the source of information.



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Typically, a citation includes the following information:

- Author's name
- Date
- Location of the publishing house
- The title
- The website page link (also known as the Digital Object Identifier or DOI)
- Page numbers

2. Why are Citations Important?

When you begin studies at a U.S college or university as an international student, learning the rigid conventions of citations may feel cumbersome, but these rules are there for a reason.

Firstly, citations protect you from being accused of plagiarism or copyright infringement. Secondly, using a standardized citation style conveys the extent of research that has gone into writing the paper. Thirdly, it helps the reader (your professor) verify the sources of information.

Failure to correctly cite as per the expected standards of citation at your U.S university or college will negatively impact the paper gradings. It may also adversely affect the general impression the faculty have of you as a student; the citation style is not an area where you want to stand out for doing things your way.

3. Common Citation Styles at U.S College and Universities

Each citation style has defined rules for different aspects of an academic paper, including the format for writing the title page, tables, and the sequence of citation information. The three main citation styles used for citing academic documents in the U.S. are as follows:

1 APA style: APA is the official writing style set by the American Psychological Association. The APA style is in the sixth edition and is the preferred citation style for courses in Sociology, Psychology, Medicine, Social Work, Education, and Engineering. The emphasis in the APA style is on the date of



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publication to track the currency and relevance. The author's name is followed by the date, title, publisher, and page number.

2 MLA style: The Modern Language Association is used for humanities subjects such as English, Art History, Philosophy, Music, Religion, Theatre, Language, and Linguistics. The MLA style emphasizes authorship. The author's name is followed by the title, information on the publisher, and the year.



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- 3 CMS style: The Chicago Manual of Style is in its sixteenth edition. It has two variants -
- Notes and Bibliography: Used for History and Humanities
- Chicago Author-Date: Used for Physical, Natural, or Social Sciences

APA and MLA are the most common styles used for undergraduate courses, and the CMS style comes in handy if you are doing post-graduate writing.

There are minor differences between the three citation styles, which if not used correctly, can impact your grade. For example, APA uses the term 'references,' while MLA style calls it 'works cited.' Regardless of the citation style you use, ensure that you follow the current writing guidelines of that citation style.

To stay updated on citation style guidelines, refer to these websites:

- APA style guidelines
- MLA style guidelines
- CMS style guidelines

Typically, depending on your academic discipline, you are most likely to use one citation style for most of your classes. As a new student on campus, it's advisable to check with your professor on which citation style is appropriate.

4. Common Citation Mistakes to Avoid

Here are some of the common citation mistakes that college students tend to make:

- 1 Not including the in-text or parenthetical citations in the reference list at the end of the paper.
- Writing a citation at the end, but not including the citation in the main body of the project. Every source of information you refer must be mentioned twice – once in the body and the second time as a full citation on the final page.
- 3 Incorrect placement of period and commas can make a citation completely wrong. For instance, placing the period before the parentheses is a common citation mistake.
- 4 Sometimes, students are asked to include a minimum number of citations in a paper. In such assignments, there is a tendency to stuff the paper with repetitive citations. For instance, including the



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same in-text or parenthetical citation at the end of every sentence, instead of mentioning it once at the end of the paragraph.

- 5 One of the common citation mistakes that students make is paraphrasing without citation. Paraphrasing is when you use someone else's ideas but rewrite it in your own words.
- 6 Switching between two citation styles. Depending on your discipline there may be more than one citation style in use, but that does not mean that you can switch between writing styles when writing an assignment.

Most of the errors can be avoided by paying close attention to the citation style guidelines and reading the handouts given by your college professor. Also, the writing center at the U.S. university or college will have information, and perhaps even individualized help, to get you up to speed with citation styles.

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9: Improve Your Academic Writing with These 7 Writing Tools



Good academic writing, like a gourmet dish, requires the right mix of several ingredients. A well-crafted academic paper must contain correct English grammar and punctuation, seamless sentence flow, logical content structuring, original content, and a detailed citation section as per the specified citation style. As if striking that balance wasn't hard enough, international students sometimes struggle with adhering to the high standards of academic writing expected at U.S. colleges and universities.

Although academic writing is not easy, it does not always have to seem like a chore. There are online writing tools which can make the task of academic writing more manageable. Luckily for you, we have collated a list of seven online writing tools you can use to improve the outcome of your academic writing efforts. So here goes –

1. Grammarly

Grammarly is an online writing tool that is used by writers at all levels and writing genres to check for accuracy of written English. Once you have written an academic paper, paste the content on



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Grammarly to correct spelling mistakes, grammatical errors, and incorrect word placements. The app identifies alternative words that may sound more appropriate for your content and highlights the use of passive sentences (which you can rewrite as active sentences to make for more impactful reading).

2. Hemingway editor

If you want to improve the readability of content, use the Hemingway Editor. Like Grammarly, paste your content on this app to assess the overall readability score of the document. The app highlights sentences and words which have simpler alternatives, sentences that are difficult to understand, as well as the use of passive sentences and unnecessary adverbs.

3. Online Dictionaries

Dictionary.com is a great free source for locating meanings, as well as antonyms and synonyms of English words. They also have a great blog that you can follow to improve your fluency of spoken and written English.

If you know what you want to express but can't find the right words, then use the OneLook Reverse Dictionary. Just enter the meaning or related phrases to search for appropriate English words. For example, when you type the phrase 'a large company,' the app suggests words such as conglomerate, consortium, and corporation.

4. Copyscape

Researching content on the web is easy, but expressing information in your own words, that can sometimes be tricky. Submitting academic papers with content that is a copy-paste of existing web content is a big no! While you cite the sources in the citation section, your writing should be original. Use Copyscape, to avoid plagiarism of web content.

Incidentally, the faculty at many U.S. colleges and universities actively use Turnitin as a tool to check plagiarism. Any content uploaded on the app is counterchecked for plagiarism across billions of pages of academic content which includes blogs, online books, academic journals, and previous submissions. The app also checks for citation mistakes.

Unfortunately, you cannot use Turnitin as a student since the company only gives access to its plagiarism prevention software to universities and other institutions. However, we recommend that you follow their resources section for information on how to avoid academic plagiarism.



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5. WriteBox

Writebox is a simple and distraction-free text editor for Chrome, iOS, and the web. It helps you write content as you think it (as you would when you use pen and paper) without having to worry about formatting, grammar, punctuation, or spelling mistakes. The content written on Writebox can be synced with your Dropbox or Google Drive.

6. StayFocusd

Staying focused on writing an essay or book review can be hard, especially when you feel the impulsive need to check your email and social media. Enabling StayFocusd on your digital devices will ensure that you don't spend too much time on these distracting tasks. All you need to do is assign the amount of time a day you wish to spend browsing certain websites. Once your allotted view time is up, these websites become inaccessible on your device for the rest of the day.

7. BibMe

BibMe is a comprehensive writing tool to improve the grammar, punctuation, sentence structure and style of content. More importantly, you can use the app to create accurate citations in multiple citation styles and check an academic paper for missing citations.

The above listed online writing tools can be of great help as you go about the task of completing various academic assignments at your chosen U.S. university or college. You can supplement these online resources with one-on-one writing mentoring by one of our experienced WriteRight writing coaches. All of Eagle Pathway's writing coaches are current or former university professors, State certified teachers or professional writers with years of experience with both writing and with coaching young people. Contact us to know more about the WriteRight service.



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10: Academic Writing Made Easy and 8 Academic Writing Tools



As a broad definition, academic writing refers to any writing assignment submitted in an academic setting. Graduate and undergraduate students at U.S. universities are required to complete vast amounts of academic writing assignments, the more common forms being book reports, research papers, thesis documents, essays, articles, an abstract document, and submissions for academic journals.

The prospect of having to do loads of academic writing can seem daunting to most students, irrespective of their English communication skills and academic credentials. International students face an additional challenge in that they come from educational backgrounds with different expectations of what constitutes good academic writing compared to the academic writing standards at U.S universities and colleges.

Your academic writing skills will improve as you complete more academic writing assignments at your chosen U.S university or college. However, as a start, it would be beneficial to understand the different types of academic writing and the tools you can use to meet the college-level writing standards.



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Understand the Different Types of Academic Writing

Typically, an academic paper will have three sections - an introduction, the main body, and a conclusion. The introduction is where you present the main idea, question, or problem that your assignment is going to address. The main body is where you elaborate on the fundamental idea of your paper. Your ideas must be presented logically with sentences and paragraphs flowing sequentially. The conclusion is typically the final paragraph in your paper summarizing the main points and leaving the reader with a final thought.

There are four main types of academic writing - descriptive, analytical, persuasive and critical.

A descriptive writing assignment is the simplest form of academic writing that you will come across. Here you will be describing places, people, incidents, experiences, emotions and so on. Descriptive writing assignments involve painting a picture for the reader, but with words.

The descriptive writing style offers you the most flexibility in presentation style. But the thing to remember is that instead of just stuffing your content with words, you must provide real insight to the reader. Examples of descriptive assignments include article summary, reporting the results of an experiment, and a book report.

However, academic writing assignments will rarely be purely descriptive. You will also be expected to analyze, compare, contrast and relate the information. Analytical writing involves clubbing information, identifying patterns, establishing relationships, and spotting differences. To present information analytically, you can use color-coding, flow charts, tree diagrams, and tables.

The next level is persuasive writing where once you have analyzed the information, you will have to present your point of view, submit recommendations, or write interpretations based on the work of others. In persuasive writing, you must substantiate every argument by citing published reports, research findings, logic, facts, examples and expert opinions. Therefore, including citations for all data referenced is crucial. Persuasive writing is the most common form of academic writing at U.S colleges and universities, but also one of the most demanding because of the extensive research process involved.

Students applying to the U.S for postgraduate degrees and research positions will be required to submit critical writing assignments. Critical writing assignments involve the evaluation of at least two points of view. You will have to evaluate the existing information on a topic (e.g., identify the



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strengths and weaknesses of existing research), and then argue your own alternative interpretation with supporting evidence.

Improve Your Academic Writing Skills

Most academic assignments involve a formal writing style. But stuffing your paper with academic jargon and loads of research citations, will not necessarily mean that your document is well received. Even though your target audience is likely to be an informed group of professors and peers, you still need to write clearly and concisely.

One way to achieve clarity in expression is to imagine yourself presenting that information in person. As you prepare to write, answer the following -

- What would be the flow of your presentation?
- What evidence would you use to emphasize the main points in your paper?
- What visuals (infographics, diagrams, tables, etc.) could you use to improve the ease of understanding for the viewer?

You must use writing tools such as Grammarly and the Hemingway Editor to improve the readability of your content and ensure that your academic paper does not have grammatical errors or incorrect word uses. MSWord has an inbuilt 'read aloud' feature to hear your written content, which will help you assess the flow of sentences and paragraphs.

To create citations correctly, use sites such as Cite This for Me and Mendeley. To verify that your content is plagiarism free, check it on websites such as Turnitin, Unicheck, and Viper.

Combining complex research data, studies and facts to write an academic paper that is fluid and easy to understand is a skill that requires practice and at times the help of an experienced writing coach. The EaglePathways 'WriteRight' is a writing coaching program aimed at helping students on different types of academic writing assignments. As part of this service, students have access to our proprietary Eagles Nest platform which allows them to communicate with their writing coach from almost anywhere in the world.



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InitialView®- Interview Coaching Program

Increasingly, U.S. Colleges and Universities require applicants to give an in-person or video interview. Many internships also now require interviews. Our certified, professional interview coaches, including former University interviewers and admissions officers, can teach your student the techniques needed to build confidence and excel in an interview.

Eagle Pathways will arrange interviews for you with third-party and University Alumni. The interview methods will be adopted by IBM and Ge to train their executives and will be customized by members of the eagle team composed of former admissions officers and alumni of top universities in the United States.

We believe that the interview can make the enrollment process more human-oriented. If there is an interview opportunity and it is helpful for the application, we suggest you take part in the interview

The InitialView® project includes a series of interview and training modules. The design idea is to help the applicant build self-confidence, improve interview skills and speech skills, and apply the skills learned in the course to academic and professional interview scenarios.



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11: What Do You Need to Prepare for the Recruitment Interview?



The admissions interview gives applicants an opportunity to show their own strengths. This is an opportunity for you to convey to the admissions officer important information that cannot be conveyed in writing, such as your personality, talent, life goals, interest and enthusiasm.

Generally speaking, you need to know whether the recruitment interview is optional or necessary. The top American universities usually require students to have interviews. However, some universities only inform those applicants who are more likely to be admitted to have an interview, which undoubtedly shows the importance of the interview. For those American universities that do not require applicants to have an interview, once they invite you for an interview, it shows that they are very interested in you and are more likely to be admitted.

Interview preparation skills

American college entrance interviews are usually conducted by alumni or recruiters who graduated from the University. Most American universities do not require students to attend in person.



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Interviews can be conducted by phone or Internet applications such as Skype. If a staff member of an American University happens to visit China, they may also invite applicants for face-to-face interviews.

Although performance in the interview is not a key indicator of admission, if you are similar to other applicants in other aspects of ability, then performance in the interview may determine your final admission results.

The use of simulation interview can exercise their own interview skills to deal with all kinds of problems. In an interview, you can't predict the test site, so the applicant has to rely on interview skills to arm himself. In addition, some questions in the interview come from the applicant's application documents, so you must ensure that your answers are consistent with the contents of the documents, but try to avoid repeating the original words in the documents. Applicants need to answer questions honestly, but don't show overconfidence. Applying for higher education in an English speaking country, your English level has a great influence on the interview results. The interview is actually to examine your oral English ability. Therefore, if you want to improve your interview skills, you should practice your oral English well in advance.

For applicants, the recruitment interview is a two-way communication. Examiners are looking at applicants, and applicants can learn more about their schools. After you have a complete understanding of the selected university, the applicant can actively prepare to explore why the university is your first choice and how to perfectly integrate your interests and professional courses.

Applicants through Skype and video interviews must know how to make a good impression. During the interview, you must dress neatly and behave appropriately (try not to wear T-shirts, but suits and ties are not necessary), and express your opinions clearly.

Although we can't guarantee that you will be admitted to your favorite university, we can help you train your interview skills. Our "interview preparation preview" project adopts the simulation interview method and integrates 16 interview training modules. We have professional clerical teachers to guide the applicants to complete the clerical writing, and adopt the executive training methods of IBM and GE company in the United States, so that you can deal with all kinds of questions on your own. The program allows applicants to review their own simulation training, assess their oral ability and pay attention to the cultivation of their language ability. The interview training module and evaluation program are developed by Eagle Road Education Management American team. The team consists of former university interviewers and well-trained English teachers, all of whom graduated from the first-class universities in the United States.



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Emeritus®-AN ENRICHMENT PROGRAM



Eagle Pathways® Emeritus® Program helps young people develop the personal qualities, experiences, and confidence they need to be accepted into top U.S. Universities and to be successful as university students and in life.

HIGHLIGHT

- Academically oriented
- •Tailored for you
- •Created from REAL life experiences
- •Prestigous & Selective Program

INSTRUCTORS & LECTURERS

Our program instructors and facilitators hail from some of best Universities in the US such as Stanford and Georgetown. Additionally, they are professionals – some retired – from companies such as IBM, Hitachi, Global Foundries, Western Digital where they held executive roles globally and in China and are functional experts in human resource management and education development. Additionally, by creating a group activity we can bring guest to China from Stanford, Harvard and MIT as lecturers on their subject expertise.



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LEADERSHIP COACHING

Emeritus® Enrichment: Center for Innovation, Research, Creativity, and Leadership through Education includes a robust coaching component using a proprietary 360-degree evaluation based on a tool adapted from IBM's Executive Leadership training and Stanford University's GSB LEAP program. The one on one coaching provides help to the participants to identify and address their strengths and weaknesses, build confidence and hone their leadership skills.



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12: With Artificial Intelligence Replacing Humans, What Work Skills Will Be in Demand?



Machines driven by artificial intelligence (AI) are making progress compared with human beings. The destructive potential of AI in the workplace is compared to the industrial revolution, which displaced millions of factory workers. What will the workplace look like in the future as AI replaces humans? Will it be as dark as the dystopian scenario predicted in the movie? If not, what kind of work skills will the next generation need to thrive in an AI driven environment?

AI in the workplace

- impact over the next two decades

Artificial intelligence is a kind of software and machine that has the ability to associate with human beings. For example, speech and visual recognition, learning, planning, reasoning and problem solving.



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Artificial intelligence has become a part of our daily life. Technologies such as Siri and Alexa on mobile devices, auto parking function in cars, spam filter, mobile check deposit provided by smart phones in banks, online advertising interceptor, even the news source recommended by you on news app are all examples of basic AI in work.

Over the next two decades, AI will take millions of tasks involving repetitive or basic problem-solving tasks, even beyond existing capabilities.

With the coming of the next wave of automation driven by artificial intelligence, most of the existing white-collar positions and positions requiring high-level human expertise (such as law, medicine, data Science) are in the chopping stage. All technology has been applied in the fields of health care, education, agriculture, energy, customer service finance, and is changing the rules of the game in the field of national security. Artificial intelligence is being used to perform complex human operations with higher accuracy than human doctors. There is even a humanoid hotel in Japan.

Some of the work roles that humans have been replaced by AI machines in tech savvy enterprises include:

- · underwriting of bank loans.
- first level assessment of university applications.
- respond to regular customer calls through an AI virtual Customer Assistant (also known as a chat robot).
- Data analysis to identify corruption and financial crimes.

45% of low education jobs, 38% of secondary education jobs and 12% of higher education jobs are automated. The future of employment: how easy is computerised work, a report by Carl Benedikt Frey

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and Michael A. Osborne in 2014?



The study estimates that up to 47% of jobs in the United States are at high risk of automation in the next year or two. But this sad conclusion is just one side of the story. Jobs that require social, emotional, and literary abilities will continue to be human jobs, so the possibility of being replaced by AI is much smaller. For example, creative writers, hospital nurses, psychologists and customer service staff (used to deal with escalating complaints). In addition, there will be many positive aspects to AI led workplaces, some of which are as follows:

- 1. Business expansion: like the previous major transformation from human-computer processing to machine processing, organizations deploying AI will gain higher efficiency, lower cost and higher profitability. Higher incomes will enable businesses to expand their geographical distribution, open more offices and create more jobs (especially in the service sector).
- **2.** Improve human achievements: in some industries, the deployment of artificial intelligence technology will improve human achievements. For example, machines have amazing speed and accuracy in evaluating large amounts of data. Lawyers and judges are using this ability to conduct a broader analysis of legal cases. According to a study from Harvard University, although AI algorithm



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can diagnose cancer scanning with 92% accuracy, and human doctors can scan cancer with 96% accuracy, when the two functions are combined, the accuracy can reach 99%.

- **3. More innovation:** as machines take over ordinary jobs, employees will be free to focus on work creativity, which will lead to more innovation and better customer satisfaction.
- 4. Enhance people's working ability: people and machines will develop a symbiotic working relationship. Humans will use AI through wearable AI technology to enhance their thinking and decision-making ability. Daily management tasks (e.g. email, appointment or phone call) will be done seamlessly through AI, which will save time and improve personnel efficiency. At the same time, based on the expected results, human beings will design and update artificial intelligence.
- **5. Higher employee satisfaction:** humans will perform tasks that can use their capabilities. For example, while customer service robots handle most of the queries received, human customer service representatives will focus on solving queries or complaints that require better context understanding and empathy.

Skills for the future workplace

There are two categories of human skills that will continue to be needed in the workplace:

- 1. Cooperate with AI and enhance the skills required by AI.
- 2. Skills that AI cannot replicate, or will take decades to acquire.

The first category will deal with AI creation, installation, management and maintenance, which will translate into advanced technical skills such as programming, data analysis and AI design. According to a McKinsey survey of five European countries (France, Germany, Italy, Spain and the UK), the biggest existing skill mismatch currently exists in highly automated areas such as data analysis. It, mobile and web design and development.

The education system will need to develop more stem qualified people to meet the need for AI management and creative skills. In addition to academic skills in these disciplines, young students will also need on-the-job training in areas related to science, technology, engineering, mathematics,

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programming and data science.



To meet the needs of the second type of skills, educational institutions and employers will need to focus on developing critical thinking, communication skills, social and emotional skills, and creative thinking skills among students and employees, respectively.

One of the most popular skills is the ability to communicate effectively, work with teams or manage teams, negotiate, use out of the box, express compassion and make decisions. For example, even if AI will be used for cancer diagnosis with a higher success rate, human doctors will still perform the task of informing patients and bringing hope to them. Although AI can assist legal teams in their research, it is up to human judges to decide.

Jobs that require creativity, such as craftsmen, writers, engineers, inventors, entrepreneurs, artists, musicians, etc., can be safe for a long time. Similarly, sports skills, such as expertise in competitive sports, will be required. People who are good at imagination and leadership, such as activists, entrepreneurs, visionaries, thought leaders, writers, speakers, etc., will continue to have obvious advantages over technology.

Therefore, young students who want to prove their importance in the future career market through AI must seriously think about their abilities / talents. Moreover, they must develop themselves to be better communicators, collaborators, leaders and problem solvers. Although stem based university



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degree is a reliable career strategy, it is necessary to supplement academic knowledge through practice to deal with practical work problems.

As AI technology matures and undertakes more human tasks, to keep pace with the times, existing employees will have to improve their skills repeatedly, and lifelong professional learning will become the norm.



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13: The Symbiotic Relationship Between Artificial Intelligence and Psychology



Three Clear Benefits of AI in Psychology

Psychology is a complex field of study involving the analysis of the human mind and behavior. It answers questions such as why we feel the way we do, why we react a certain way, and what motivates humans. It's a relatively new science and most of the concepts we know today have been developed over the last century and a half. Psychology includes other sub-fields such as human development, social behavior, and cognitive development.

At first, the role of AI-powered machines in psychology seems completely absurd. How can machines understand the workings of a human mind? After all, that's something that even human doctors and psychologists have not been able to figure out. And shouldn't psychology be one of those fields that remain the preserve of human experts?



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Although AI in psychology is in its nascent stages, here are three benefits that stand out from this unlikely collaboration –

1. Improve Understanding of Human Psychology

Psychology is not an exact science – every theory is open to interpretation depending on an individual's experiences. Unlike physics or chemistry, there is no given formula for achieving a specific outcome, and there are infinite possibilities to the way the human mind works. There can be no one-size-fits-all solution to treat a patient. Therefore, every person seeking help from a psychologist or a mental health therapist must be handled as a unique case.

For decades, researchers and industry professionals have tried to capture and analyze human behaviors by using information tools such as questionnaires and psychological tests. Studying the patterns hidden in psychological data (qualitative and quantitative) gathered across diverse demographic groups can improve the understanding of human psychology. And that's an area of study in psychology where AI can be a powerful ally. AI is capable of processing immense amounts of data with greater precision and speed, something that human researchers can never achieve.

2. Make Psychology More Accessible

Seeking the help of a mental health therapist or a psychiatrist is by no means cheap. The high cost of therapy can dissuade patients from seeking help. Some countries don't have the required number of mental health professionals, which means that a patient may have to wait months for an appointment or may not have access to a mental healthcare professional at all.

Already, AI startups are working on developing virtual therapists that can communicate with clients in real-time, at much more affordable rates than a human therapist. AI-powered chatbots can diagnose problems, prescribe treatments, and even read signs of distress through a patient's body language and speech patterns. A single AI chatbot can be programmed to offer help in multiple languages. All these features can be a boon in a situation where millions of people are affected (e.g., the refugee crisis

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created by the Syrian civil war) and thousands may need psychological help.



3. Help Doctors Understand Patients Better

One of the constraints of a patient-doctor relationship is that the patient may not be completely honest about their emotions and behaviors. A patient may withhold crucial information due to the fear of being judged by the therapist. On the other hand, when interacting with an AI bot, patients may feel a greater sense of freedom in being able to express themselves. The anonymity offered by AI-powered psychology software may provide doctors with more significant insights about their patients.

Will machines ever replace human therapists over the next two decades? The answer to that is no! Humans will always be superior to machines at offering empathy, at being able to analyze an individual's life patterns, and drawing conclusions from unrelated facts. As AI technology develops, AI and psychology will develop a symbiotic relationship.

AI can supplement the insight we have on psychology and make the benefits of psychology accessible to a wider audience. At the same time, for AI to be successfully integrated with all aspects of human functioning, we need AI machines with heightened emotional and social intelligence. And for that to happen, AI machines must be equipped with a deep understanding of human psychology.



Let's Imagine

14: The influence of artificial intelligence (AI) on the admission of American universities in

the future



In 2000, Google co-founder Larry Page said, "artificial intelligence will be the ultimate version of Google. The ultimate search engine will understand everything on the web. It can understand exactly what you want and provide you with what you want. We can't do that yet, but we can get closer. That's basically what we're doing."

Nearly 20 years later, artificial intelligence has penetrated into our daily life, which can be said to be everywhere. Interestingly, almost before we realize that there is an AI port, most of the AI is implanted into our daily life. For example, Siri / Alexa, a personal assistant on a smartphone, auto parking in a car, spam filters, palm banking, online ad blockers, and Facebook newsfeed recommendations are all examples of the application of artificial intelligence in work.



Let's Imagine

The application of AI in Education-where are we?

The application of AI in the field of education, as an academic research topic, has a history of more than 30 years. According to Pearson, a global training company, the development of AIEd (AI in Education) software focuses on three key areas: 1) individual tutors for each student, 2) intelligent support for collaborative learning, and 3) using virtual reality to provide experiential and interactive learning.

One to one tutoring is considered to be one of the most effective learning models, but it is difficult to promote, because one-to-one tutoring is relatively expensive, and it is difficult to find enough tutors to support this model. Intelligent tutoring system (ITS) uses intelligent technology to provide one-to-one human tutoring, which is most suitable for students' cognitive needs and does not need teachers' intervention. The "Mika" software of Carnegie Training is a good example. It uses cognitive science and artificial intelligence to provide one-to-one guidance for students and develop learning content. This application provides real-time feedback from the system to solve problems for students according to the set strategies.

It is better to have a tutor to help you than to study alone. But bringing a large number of students, even a small online course, will not be so easy to coach. The AIEd system can provide auxiliary information as needed, identify discussion areas that need human mediation, and improve the effect of collaborative learning. AIEd collaboration platform can also be used to evaluate the contribution of individuals in the group, which is often a big challenge for human teachers.

The combination of virtual reality (VR) and artificial intelligence (AI) enables educators to bring students into virtual simulation environment for immersion teaching. The future application of this technology includes the development of virtual guide with interpersonal interaction skills, which provides one-to-one guidance for students in virtual teaching. There are several ongoing research projects in the field of virtual artificial intelligence at USC Innovation Technology Research Institute.

With the progress of artificial intelligence (AI) and virtual reality (VR) technology, the role of teachers will change from the main source of knowledge to the supervisor of learning.

The influence of AI on the enrollment system of American Universities

So, in the next few decades or even years, how will AI affect the enrollment of American universities?

For starters, the way applications are submitted and evaluated will change dramatically. Many American universities will collect students' information in the form of virtual data. For example, in



Let's Imagine

addition to filling out forms online, students are also required to submit video based personal data and documents, which are evaluated based on their academic achievements. In the future, AI will be involved in evaluating the application of these multidimensional programs. By the way, it's a secret that AI has been able to rate college documents with an accuracy of about 80%.

The machine may not ultimately decide which student will be accepted, but it can be used to assess the authenticity and speed of data review for admissions officers. For example, compare with applicants from other countries or schools, evaluate the academic records of the applicant, evaluate the strength of the applicant according to the video documents, and identify whether the information in the application materials is consistent.

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With the rapid development of artificial intelligence, international applicants in the future may need to make a good impression on a machine before dealing with admissions officers. The accuracy of AI assessment will not be imitated or implied, and applicants must provide 100% real information to improve the chances of admission. Applicants also need to develop a comprehensive application strategy (such as writing, speaking and creative thinking skills) to meet the new enrollment system and achieve the desired enrollment results.

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Let's Imagine

15: What's the relationship between marshmallows, honeybees and AI?



It's hard for you to imagine the connection between the fragrant, sweet and soft marshmallow, the industrious and lovely little bee and the technology of artificial intelligence? Recently, in our emeritus ® project class, our tutor D and student C had such a brainstorming.

Stanford University once did an experiment on a group of children: in one room, the teacher gave a marshmallow to the test child and made a "deal" with him: he could eat the marshmallow now, or wait for the teacher to come back, so he would be rewarded with another marshmallow, and then the teacher put the marshmallow on a plate and left the room. During the waiting period, the children's performance was very interesting. Some of them stared at the marshmallow as if they could eat it with their eyes. Some of them picked up the marshmallow and put it back. Some of them even pinched it a little bit and put it in their mouths to eat, and then pinched it a little. Soon, the marshmallow was eaten by more than half.

After the test, the staff continued to track the growth and development of these children. The results showed that children with strong self-control in the test showed stronger leadership in both learning and work in the future and developed better in various fields. In the experiment, the children who couldn't help eating the marshmallow showed poor academic performance and poor working ability

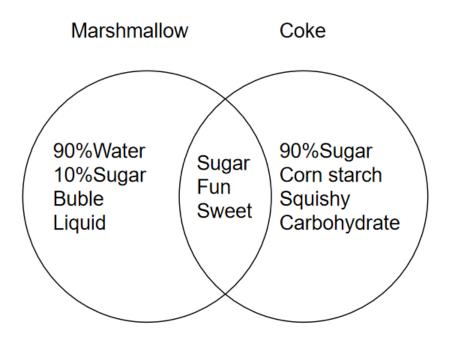


Let's Imagine

when they grew up. It can be seen that success is closely related to the way of thinking. Our curriculum of Emeritus ® focuses on the cultivation of children's soft skills in thinking and leadership. Instead of teaching them what to do, it gives them the ability to think actively and solve problems.

The student C who like to eat marshmallow is very interested in this test, so she also asked to do such a test. After the test, the tutor and C had a wonderful idea. They took a marshmallow and put it on a plate, drew a smile and picture on it, and finally put it in a corner of the room. They want to see what happens to marshmallow in ten days Changes. Then, the C who was drinking coke looked at the marshmallow and asked the instructor: which is healthier, marshmallow or coke?

VENN DIAGRAM



Conclusion: Coke is better for you, because it has less sugar than marshmallow.

Then they have an argument. In the Emeritus ® course, argument is a very important knowledge point and an important thinking skill in critical thinking. Complete a complete argument according to the steps of prepare - claim - conclusion. During this period, C and D held their own opinions, and then two people went online to investigate the composition of marshmallow and cola, as well as the nutrition and energy composition table. And draw the Venn diagram of cola and marshmallow, find



Let's Imagine

out the same and different points of marshmallow and cola, and finally draw the conclusion: Cola is more healthy, first of all, its composition is relatively simple, mainly composed of sugar and water, sugar content is 10.6%, water content is 89%, energy is 180 kJ / 100ml; while marshmallow is mainly composed of sugar and protein, sugar content is 67%, protein 4.4% and energy 1552 kJ / 100g. Second, cola contains water, which is also added to your sugar intake. Through this little debate, we can feel that life is full of arguments. For artificial intelligence, argument is also full of every step of this technology. When a programmer is writing programming code for a software, he is always faced with argument to solve such problems as choosing coke or marshmallow. However, a large number of information and materials on the Internet are actually the result of artificial intelligence analysis. In the face of these information and data, we should also maintain our own judgment and know how to distinguish their authenticity with critical thinking.

Teamwork of the bees

Bees have a strong sense of teamwork and cooperation. They seem to have negotiated. You go to collect nectar, I go to find food, who will attack when meeting human beings. In artificial intelligence, these bees with different responsibilities represent different modules with different functions. They implement the functions of each part accurately. Finally, they summarize the data together and conduct integrated analysis to realize mechanical intelligence. It's like how you program and design robots to make a bunch of stupid machines smart and have multiple functions, and even know how to cooperate with each other. This process, we call it design thinking, is to solve the practical problems of specific groups by putting forward meaningful ideas and ideas. In order to solve a specific problem, we should adopt the following thought and process: empathy - define - idea - prototype - test. This is a very important thinking skill in the future artificial intelligence research and development process. It will endow robots with emotion, intelligence and even empathy, and make them have the same ability of independent response as human beings.

With the continuous development of AI technology, children will face more and more challenges and difficulties in the future. How to help children maintain competitiveness in a competitive world is the mission of Eagle pathways ®. We are committed to cultivating future leaders, as well as becoming life mentors for children, giving them unlimited soft skills, helping them to become strong thinkers and future winners.



Let's Imagine

Mindstorms®

Critical Thinking® Program helps students learn to think not what to think, Critical Thinking aims to seek truth, solve problems, understand other points of view, and lead in a structured manner. It improves personal and formal communication. Our Thinking program builds three core skills: curiosity, skepticism and humility

Design Thinking® implies' thinking about design from a human perspective; a cognitive, strategic and iterative problem-solving approach. When applied to real-world challenges Design Thinking develops self-efficacy, collaborative confidence and emotional intelligence. Students learn to adopt feedback as useful and actionable information, and embrace the idea that effort is needed to push through foreseeable set-back.

Creative Thinking™ Program builds student skill to think "outside of the box". Creativity is frequently less ordered, predictable and structured. So, Creative Thinking Is a way of looking at problems or situations from a fresh perspective that suggests unorthodox solutions and can be stimulated both by an unstructured process such as brainstorming, and by a structured process such as lateral thinking. Creative Thinking, unlike critical and design thinking abilities, involves a lot more open and playful approach, Iterative idea formation and builds attitude.



Let's Imagine

Visual Thinking® Program a Is way of thinking visually. It Is about "image thinking" or thoughts that ore directed or associated with imagines, Visual Thinking comes in many forms, and chances or that you're already using a few of them already to help you organize your thoughts. Students are Introduced 10 tools and methods to help visualize ideas, perform thought experiments and express Ideas and thoughts non-verbally and to further collaboration.

Debate & Speech Program provides the fundamentals of argumentation and debate so that students learn the bedrock skills necessary to enter into more structured debate formats at more advanced levels. We will cover argument theory, basic debate research skills, "flowing". Our public speaking program teach many of the same skills as a traditional debate program, Just without the focus on direct head-to-head competition. And of course, we build on our core Thinking programs.



Let's Imagine

16: What is Design Thinking?



Global companies such as Samsung, Apple, Google, and GE have adopted Design Thinking. It is also taught in management and engineering programs in universities such as Stanford, Harvard, and MIT. So, what is meant by Design Thinking and why has it become so popular?

What is Design Thinking?

Put briefly Design Thinking implies 'thinking about design from a human perspective.' Whether you are designing a product, process, or a service, Design Thinking requires that you first understand what your customer needs, thinks, and experiences.



Let's Imagine

Design Thinking involves juxtaposing the known facts and data, with information that challenges existing assumptions to arrive at an out-of-the-box solution. To do that, you must first assess what's the user experience, how do they view the interaction, what are the unstated problems, and what's the emotional reaction. Design Thinking uses these (often) unquantified aspects of a problem to create a concise problem statement.

As the next step, Design Thinking requires designers to ideate the potential changes that can be made to a product, service, or process without being restricted by what is doable, desirable, or profitable for the business.

To quote Steve Jobs, from the New York Times article 'The Guts of a New Machine' -

"Most people make the mistake of thinking design is what it looks like. People think it's this veneer — that the designers are handed this box and told, 'Make it look good!' That's not what we think design is. It's not just what it looks like and feels like. Design is how it works."

Design Thinking has evolved from a range of fields including architecture, engineering, and business. But it is the human approach to problem-solving that makes Design Thinking the game changer.

Stages of Design Thinking

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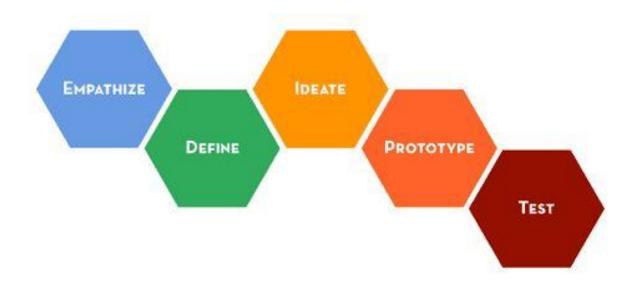
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Stage 1: Empathize

Step into the shoes of the user to understand their wants, needs, emotions, and objectives. It involves observing your customer as they interact with the product and engaging with your customer to understand the psychological and emotional experiences. As a designer, the empathize stage requires that you completely set aside your existing knowledge and assumptions.

Stage 2: Define

The define stage is when you make sense of the information gathered in the empathize phase. You assess the difficulties the users face, the problem you need to solve, and for whom. The problem statement should be clearly defined from a user perspective giving your team a clear understanding of the final desired outcome.

Stage 3: Ideate



Let's Imagine

The ideation state is where you allow a free-flow of thoughts and ideas as potential solutions to the defined problem. Some of the ideation techniques you could use are brainstorming, mind mapping, role play, and provocation technique. By the end of the ideation phase, you must narrow down to a few potential solutions that are worth evaluating further.

Stage 4: Prototype

The prototype stage involves converting the shortlisted ideas into scaled-down versions of the actual product. The fourth step is crucial to evaluate the customer benefit of the proposed solution versus the stated problem, understand the design flaws, and assess the business feasibility of the proposed solutions.

Stage 5: Testing

Based on the outcome of the testing stage you may want to go back to the ideation stage, amend the prototype design or move forward with the existing prototype to create an improved product.

Since Design Thinking is an iterative process, you can go back and forth between the stages depending on the outcomes. For example, you may need to go back to researching user needs (empathize stage) to achieve a better definition of the problem; or you may have to go back to the ideate stage depending on the outcome of the prototype and testing stage.

Benefits of Design Thinking

As the designer of products and processes, you want to ensure that any changes or innovations you make add value to both the customer and the business. Done right, Design Thinking has the following benefits:

Lower time-to-market: Since your start point is defining the problem from the customer/user perspective, the overall product development and testing is likely to be more attuned to what the customer needs. Therefore, you get the product to market faster.

Lower cost of product development: Greater accuracy in ideation and prototype creation means that you spend lesser on product design and development.

Improve customer loyalty: Listening to your customer and making the changes to enhance their experience will boost customer loyalty.



Let's Imagine

Build an organizational culture of innovation: Design thinking can be applied to every facet of a business. It encourages employees to challenge assumptions and think creatively. When applied company-wide, Design Thinking fosters a culture of innovation.

Design Thinking balances the scientific and rational approach to problem-solving with the human emotions and intuition aspect of a problem. By focusing on the human experience, Design Thinking encourages designers to make changes that people desire and create products that improve lives. For businesses, Design Thinking translates to happy customers and a stronger bottom line.



Let's Imagine

17: Why critical thinking is a necessary skill for students studying in the United States?



In today's highly competitive global job market, critical thinking is one of your unique skills. According to the 2013 national business and non profit organization leaders Survey (US), critical thinking and the ability to communicate and solve problems are considered more important than the undergraduate majors of job seekers.

What is critical thinking?

The dictionary defines critical thinking as a clear, rational, open-minded way of thinking with theoretical basis and dare to question.

Critical thinking is the ability to dare to question and ask questions, which represents a process in which a person can analyze problems and evaluate possible solutions from a 360 degree perspective, and finally determine actions. Critical thinking is different from our daily thinking. In most cases, the daily thinking is generated automatically, while critical thinking is intentional, an analytical and thoughtful way of thinking.



Let's Imagine

There is a strong internal relationship between creative thinking and critical thinking. Critical thinking involves explanation, analysis, evaluation, interpretation, sequencing, reasoning, comparison and questioning, while creative thinking requires students to generate and verify new ideas, examine the existing situation in a new way, and find alternatives that can produce positive results.

Critical thinking is a necessary skill for international students studying in the United States

For the students of American colleges and universities, critical thinking is a significant ability, because the American education system encourages "Applied Learning". Under this system, students are often given important learning tasks, requiring them to think beyond the written knowledge of textbooks. The teacher will evaluate the students' professional ability according to whether they can combine the knowledge of each subject for creative thinking and put forward the arguments supported by theory. Students usually need to think independently and complete their assignments through written assignments, classroom demonstrations and interactive communication with professors.

Dare to question, keep an open mind is the basic principle of critical thinking. The education system of American colleges and universities encourages students to question the current situation and analyze it; unfortunately, many Asian students who are undergraduate students in American colleges and universities often find it difficult to adapt to this education system; this is because most of these students accept the learning method of memorizing hard back in their countries. Some international students are addicted to academic plagiarism due to the lack of critical thinking ability and other factors such as the general level of English. Academic plagiarism, as a learning attitude, can lead to poor professional performance and, worse, expulsion.

It's possible to develop critical thinking skills

Specifically, if you plan to study in the United States in the future, it is necessary to improve your critical thinking ability. In fact, it will take several months before you can receive the admission notice after you submit your application to the American University. You can use this free time to focus on

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training your critical thinking ability.



Here is how to use critical thinking to solve problems.

- 1. Ask basic questions. After explaining the solution to the problem, ask yourself
 - what do you already know?
 - what do you want to prove?
 - what can you ignore?
- 2. Understand the information needed to solve the problem. In addition to academic research, you can also communicate with people with professional knowledge in this field, or people who have experienced similar situations.
- 3. At the same time, you must be aware of your own limitations. For example, what is your level of self-control when solving a problem, or do you have any restrictions on money, time and power? How do your thoughts, weaknesses and strengths, biases and personal preferences affect your assessment of the facts?



Let's Imagine

- 4. Carefully analyze and understand the information collected and draw reasonable conclusions.
- 5. Finally, list the possible solutions and assess the strengths and weaknesses of each before deciding to put them into action.

Drawing a visual image in your brain can help you think critically. For example, you can use mind maps to think freely about multiple options that can be used to solve problems, identifying limitations and possible opportunities associated with each solution.

For students applying to study in the United States, once they enter American colleges and universities, critical thinking can make you better and faster determine the major of the University, choose the graduation courses, and make professional choices that meet your qualifications and interests. Critical thinking skills are essential if you want to pursue a graduate or doctoral degree in the United States.



Let's Imagine

18: How to cultivate critical thinking through debate?



What is critical thinking?

Critical thinking is the ability to dare to question and put forward problems, which represents a process that a person can analyze problems and evaluate possible solutions from a 360 degree perspective, and finally determine actions. It is an analytical and thoughtful way of thinking.

When it comes to debate, it is closely linked to critical thinking.

Debate is a very critical skill. We live in the information age, where information is power, and debate is about how to turn information into power. Debaters learn how to treat information and can distinguish effective information from a large number of invalid information, and separate relevant information from irrelevant information.



Let's Imagine

In the debate, the debater must put forward his own views and reasons and defend his own views. Therefore, the debater cannot ignore the other side's point of view, and needs to use critical thinking to analyze other people's ideas.

Students will do a lot of information collection and research for the theme of the debate, and in-depth understanding of the theme of the debate, thinking about what they will put forward and what they represent. At the same time, they need to study and understand their opponents.

Students will communicate and advocate. They will adopt their own ideas and express their opinions to others in public. A good debater must be a good speaker, and he knows how to attract and resonate with the audience.

In debates, students listen to others' opinions and listen from the perspective of understanding, rather than just eliminating differences. They must understand their opponents' arguments in order to fight back effectively.

Students will respond to questions that others have refuted, not in the attack mode, but in an attempt to seek persuasion by asking the judges to vote for them.

Students will understand how others make decisions. In debates and in life, everyone will make a judgment and choose the best arguments and ideas.



Let's Imagine

19: Importance of Debate in Brainstorming



Engaging in brainstorming and debate is common occurrence in the workplace. The skills of debate and brainstorming are needed whether one is thinking of a new marketing pitch, solving an operational problem, or having an unplanned conversation with a colleague. While 'debate' is an older concept, 'brainstorming' became popular in the second half of the twentieth century as a tool to generate ideas. However, is brainstorming an idea the same as debating it? Or are they different methods of arriving at an alternative strategy?

In the late 1940s, advertising executive Alex Osborn in a book called 'Your Creative Power,' introduced the concept of brainstorming to the world. He described it as an aggressive approach to listing ideas as they occur.

Two conditions that Osborn felt were essential to a successful brainstorming session were -

- 1. Listing as many ideas as possible (quantity over quality) and
- 2. Refraining from criticizing any idea at the ideation stage; the weeding out was to be at a later stage.



Let's Imagine

Brainstorming can be done alone or in a group. Researchers have found that when done alone, brainstorming can be more effective than when ideas (or alternatives) are generated as a group. However, in a work environment, where the buy-in of other people is crucial to the success of any

proposed solution, a group brainstorming session tends to be the more successful approach.

Debate, on the other hand, is a 'for' and 'against' discussion on a specific statement. For example, debating the merits and demerits of opening a new branch of a bank or adopting a new sales strategy. Each debate participant must substantiate their stance on the debate by evidence and logic. Debate, by its very nature, is 'argumentative'; it causes people to become defensive and dogmatic in their thinking. Therefore, as a standalone evaluation tool, a debate is not entirely conducive to solution-finding.

Brainstorming and debate, though conceptually different, are two sides of the same coin. A 2003 study by researchers at the University of California, Berkley, found that one of the main pillars of brainstorming proposed by Osborn, i.e., 'no criticism,' was counter-productive to the goal of idea generation. The Berkley team found that groups that debated ideas where twenty percent more productive than groups that were instructed not to critique. Without evaluating the pros and cons of an idea, brainstorming can lead the discussion awry.

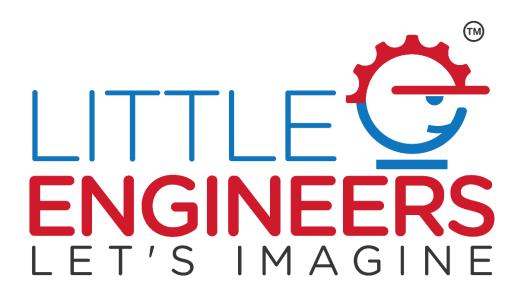
While brainstorming opens the discussion to a host of unknown possibilities, debate encourages a single-minded discussion on an idea to assess feasibility. Expression of critique can help people in a team to think in new directions and arrive at solutions that they would not have otherwise thought of in the absence of debate. Therefore, it follows that brainstorming and debate complement each other in the process of problem solving and idea generation.

In our post, "With Artificial Intelligence Replacing Humans, What Work Skills Will Be in Demand?", we highlighted the fact that as AI becomes pervasive in the workplace, human skills such as creativity, innovation, vision building, and leadership will continue to be in demand. Effective brainstorming and the ability to debate are at the heart of developing these skills. Hence, for the present generation of students who will be part of this futuristic workplace, learning the art of brainstorming and debate will be crucial to professional success.



Let's Imagine

Little Engineers®- World Class STEM Training for Kids and Teens



Stem + Learning

Little Engineers® programs inspire students to become global citizens by integrating design and critical thinking into our projects. We use project-based learning to teach robotics, programming, artificial intelligence and other technologies.

Cultural Atmosphere + Exchange Experience

Students take practical training courses and benefit from group activities. Little Engineers® will create an atmosphere similar to that of American teaching environment, where students participating in the program will follow foreign professional teachers.

Leadership + communication

Little Engineers® offers a customized stem immersive experience, combined with soft skills training on leadership, team activities, public speaking and ESL topics.



Let's Imagine

20: Six Things You Can Do to Teach STEM at home?



Science, technology, engineering, and mathematics are at the cornerstone of most discoveries, inventions, and innovations made by humans over the last few hundred years. From advancements in science and medicine to the construction of supersonic trains and driverless cars, to the launch of world wide web, we owe a lot to the scores of STEM professionals working behind the scenes.

However, despite the omnipresent nature of STEM in everyday life, there is a worrying global trend - a drop in proficiency in STEM subjects as well as the percentage of college graduates pursuing STEM-related careers. Academicians, entrepreneurs, and industrialists alike are cognizant of the gap in the demand and supply of young people with specialized STEM skills.

Many child education experts believe that to encourage more students to choose STEM education fields at the high school and college level, it's crucial to teach STEM concepts at an early age. Incidentally, the first few years of a child's life (0 to 5 years) is when children are the most curious. Exposing young children to STEM feeds this natural curiosity and builds the foundation of a curious and logical mind, which is a trait that will be vital to their success as adults.



Let's Imagine

You don't have to be a science whiz yourself to teach STEM to your kids. Nor do you have to buy expensive toys, science kits or workbooks for children to fill in. Here are six ways you can teach STEM to young kids at home.

1. Encourage them to observe

The ability to observe is fundamental to science. A walk in the park is an opportunity to teach your toddler to observe nature at work. For instance, discuss how flowers bloom from buds, how a caterpillar transforms into a butterfly, or how the plants sway in the direction of the wind. Most kids enjoy playing with mud, so the next time you are gardening, let your toddler sow seeds and track the progress as the seedbed grows saplings which then transform to plants.

2. Ask 'what' rather than 'why' questions

Experts say that asking questions that focus on the 'what' rather than the 'why' will encourage your child to respond to questions. For example, instead of asking a child 'why does the sun disappear at the end of the day', you should ask 'what happens to the sun at the end of the day.' Once the child responds with their simple understanding of the question posed to them, they can then be provided a more informed explanation.

3. Help your child develop spatial reasoning skills

Spatial skills are an important element of STEM. To develop your child's spatial skills encourage them to place things in terms of space. For instance, show them a map of your locality and ask them to pinpoint the location of your home, the school, or their favorite amusement park. When driving to the market, ask them to give directions or pinpoint important landmarks en route. Ask them to estimate distances, for instance, the distance between your home and the market.

4. Encourage them to use math in daily activities

Use playtime to reinforce the math your child learns in class. Ask your child to count the number of toy cars they have or the number of chocolates in their hand. Ask them to count the number of days left on the calendar until an important event. Let them handle payments at the candy store, which will require them to calculate how much to pay the store clerk and receive in exchange of the money paid. Board games are great for helping children understand simple mathematics, especially when they move their counter along the board according to the number rolled or spun.

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5. Use STEM vocabulary in everyday activities

The repeated use of correct scientific, mathematical, or tech terminology will help your child make the connection when they are taught the concepts in school. After the age of four or five, as your child plays with differently shaped blocks, show them the concepts of a sphere, hexagon, cube, and cylindrical shapes. When they see a rainbow, talk about how a rainbow forms, or what happens to the rainwater. Involving children in baking is a natural way to teach kids about fractions (measuring the ingredients), following a process (step-by-step baking instructions) and even concepts of heat and geometry (what size baking pan to use). The idea is to help children see STEM concepts at work in real life.

6. STEM-related extracurricular activities

Children as young as seven or eight can learn to appreciate math, science, and engineering concepts by participating in robotics. Learning to code is another STEM-related activity for young kids. Playing Minecraft, one of the world's most successful digital games, can boost your child's creativity, develop spatial reasoning, and reinforce mathematical concepts. Abacus is another proven tool for improving your child's mental math capabilities.



Let's Imagine

We hope that these six tips will guide you in the endeavor to teach STEM to your kids. Of course, not every child who is taught STEM will become a STEM professional, as should be the case. However, since most industries are already primarily driven by technology, a certain degree of understanding of STEM concepts will be imperative to achieving professional success, regardless of the career your child pursues.



Let's Imagine

21: 10 Reasons Why Playing Minecraft is Good for Kids



You have probably heard of the computer game called Minecraft. Targeted towards children between six and fourteen, Minecraft is one of the most successful digital games of all times, and its popularity continues to grow. But do you know that the Minecraft is also a powerful learning platform?

What is Minecraft?

Minecraft, a Microsoft game, is like digital Lego. It requires the player to collect materials (mine) to build new items (craft). The primary objective of the game is to design, build, and share elaborate digital-block structures.

Players can construct anything, from a single building to a sprawling city. At an advanced level, players can choose to battle monsters and survive a challenging Minecraft world.

Since young children tend to spend most of their spare time watching digital devices, parents are understandably skeptical about allowing their children to play yet another computer game. But when



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you consider the benefits of playing Minecraft (in a controlled manner), you will certainly want to introduce Minecraft to your youngster.

Benefits of Playing Minecraft for Kids

Here are ten ways your child can benefit from playing Minecraft.

1. Develops problem-solving skills

To stay alive in the game, players must do some quick thinking and critically evaluate options available to them. For instance, in the 'survival mode' of the game, players are placed in challenging environments. They must quickly figure out how to use scarce resources, build a shelter before nightfall, construct weapons, and manage food supplies - all of this as they tackle monsters and other obstacles.

2. Teaches collaboration

Achieving certain goals in Minecraft requires collaboration either with friends who are playing the game or with other players around the world. Together they must pool resources, build structures, rely on each other to defeat the enemy and reach their common goal. The communication and cooperation kids exercise in the online world develops their collaboration skills in real life.

3. Reinforces reading and writing skills

Playing Minecraft complements the skills of reading and writing. To begin with, children must have a good understanding of Minecraft rules that appear on-screen. Also, the multiplayer servers in Minecraft rely heavily on communication between the players through a chat session. Your child's reading and writing skills will develop as they continually type and read messages when playing with a team.

4. Teaches mathematics visually

Playing Minecraft develops spatial reasoning skills in children as they manipulate blocks and tackle geometrical problems. Being successful in the game requires the use of everyday math concepts. For instance, in the survival scenario, players must calculate the area they need to build a structure, determine the time they have left before nightfall, assess the amount of food they need before the start

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of an adventure, and divide the supplies amongst team members for collective survival.



5. Kids learn how to research information

The ability to study and co-relate information is a skill often required for completion of school projects. Playing Minecraft involves a similar effort. Some parts of the game require children to research the web via Wikipedia or YouTube and look up books at the school library. Kids must analyze the resources of information available and then use the relevant bits to advance in the game.

6. Sparks an interest in history

Playing Minecraft exposes children to both historical events and structures. Players can create digital versions of famous historical events. For instance, in 2016, the Museum of London shared a Minecraft map of the Great Fire of London in 1666.

Full-reconstructed versions of historical monuments such as the Great Pyramids, or the Coliseum, can be imported in Minecraft, giving kids a close-up view of these magnificent structures. Alternatively,



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kids can design something more modern, such as a virtual tour of their school building or favorite amusement park.

7. Introduces them to resource management

Within the game, players must be decisive in how they distribute the limited resources amongst the team as well as which new tools they can afford. Most game scenarios are carried out over a short interval, forcing the players to think quickly on their feet while making these resource management decisions.

Older kids who are tech-savvy can host a private server for two or more players to play Minecraft together. To start the server, the player must acquire and maintain the required hardware, update the server as per recent software launches, install product add-ons, and provide support to other players. In the grown-up world, a similar job is performed by system administrators who earn good salaries.

8. Nurtures creativity

There are no limitations to what a child can design on Minecraft. Whether it's a giant-sized version of their favorite superhero, a dinosaur park or an F-1 race event, kids can build anything they want on Minecraft. The only restriction is that everything is made up of digital building blocks. Many players share their Minecraft creations and gameplay on YouTube, which encourages others to create more elaborate structures.

9. Puts programming skills to the test

We just published an article on why every child must learn to code. The Minecraft customization feature gives children a chance to practice coding. Players can modify the original programming code of the game using Java. These modifications or 'mods' can be designed to make changes in the way the game plays out. Even kids who don't know how to code but play Minecraft may be tempted to learn Java to create a unique playing experience for themselves.

10. It's a fun family activity

Playing Minecraft can become an opportunity for siblings to do something fun and creative together. The scalable levels of complexity in the game mean that even parents can bond with their kids over a game of Minecraft.

Our children live in an age that is driven by technology, and the same goes for the workplaces they will experience in the future. Playing games like Minecraft helps children be comfortable with



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technology, while also building their cognitive, academic, and social skills. The best part is that Minecraft can be played by kids of all ages, starting at age four for the iOS version.

Minecraft Education Edition is already in use in schools around the world as a supplement to classroom learning on science, language arts, history and culture, computer science, math, and art and design.

With parental controls enabled, the game is perfectly safe for young children. Now is a good time as any to let your kid start exploring the advantages of playing Minecraft.



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People who never forget themselves to devote themselves to peak experience in their life. Only in the process of selflessness ourselves.	_
	——Richard Nixon
Education makes the man.	
	——James Cawthorn
I hope that this book will bring you more information about the direction of overseas knowledge, soft skills and the new trend and technology, so that you can not only better understand of also better understand the world!	d of modern science
	——Eagle Pathways

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(P.S.: red font is a key sub paragraph, blue font is the essence of the article)