

CTY IRELAND

WINTER 2020

Online Enrichment courses for
Secondary School Students
aged 13-17

ONLINE COURSES WINTER 2020

Course Structure

This Winter, CTYI is delighted to provide a series of online courses for secondary school students aged 13-17 years, who have qualified for CAT or CTYI courses. Courses will run on Friday evenings and Saturday mornings and afternoons.

Students choose one course from either the Friday evening, Saturday morning or Saturday afternoon options.

The dates and times are as follows: Fridays (6pm to 8pm), Nov 13, Nov 20, Nov 27, Dec 4 and Dec 11 and Saturdays, Nov 14, Nov 21, Nov 28, Dec 5 and Dec 12. On Saturdays there will be a morning session (10am to 12pm) and afternoon session (2pm to 4pm).

Class sizes are small with up to 20 students per class. Each course will run over five weeks, for two hours per session. Classes will have an instructor and a teaching assistant. CTYI staff are chosen on the basis of mastery of the subject, enthusiasm and good communication skills. Courses will take place over Zoom, therefore students will need access to a device which Zoom can be used on and the internet.

Students are assigned to courses on a first-come, first-served basis. If the course you are interested in is full, we would ask you to consider an alternative one.

To apply for one of these exciting courses please purchase the relevant ticket using the link below. Students who wish to take part in multiple courses will need to purchase a ticket for each course.

Application Process

- If you are interested in applying for one of these courses, please follow the link provided below each timetable, which will take you to our Eventbrite listing.
- As our team are all working remotely at the moment, we will not be processing application forms and payments as usual.
- To apply you need simply enter your details & your child's details and pay with credit/debit card for your chosen course through Eventbrite.
- Please note, as staff are still mainly working remotely, you will be required to fill out a section on the application form regarding whether your child has any special educational needs as the application site is not connected to our database which usually would show this information. Only the staff of CTYI will be able to access this information and it will not be shared anywhere else.
- Course places are limited & are on a **'first come, first served basis'** so please apply as soon as possible to avoid disappointment.
- Tickets on Eventbrite will close as soon as a course is full.
- The email address you use for eventbrite will be the email address that will be used to communicate class details such as the Zoom link which allows you to enter the class.



For course application queries, please contact
ctyi@dcu.ie

Course Fee

€125*

*** This fee does not include the Eventbrite booking fee, which will be included at checkout.**



TASTER EVENT

We are also pleased to invite you to a virtual Taster Event on the morning of **Saturday, October 31st**, which will offer secondary school students the opportunity to experience some of our fun courses, including Model UN, Psychology and Medicine. The event will take place over Zoom and is open to all secondary school students who are eligible for the programme. It will be approximately one hour and it is completely free. Instructors will take turns giving short presentations on their classes and explaining how the online courses run, below is an example of the timetable.

10.10 Online Course Information

10:10-10:30 Model UN

10:30-10:50 Psychology

10:50-11:10 Medicine

At the moment we hope to have two morning slots, beginning at 10am and 11.30am. If we are oversubscribed we will run an afternoon slot. **Please note these times are subject to change depending on sign ups!**

To apply simply fill in the google form: <https://forms.gle/f8Dic7CvrAqsd1te7>

You will be contacted on Friday, October 30th with the Zoom links.

Please note we will give priority to students who have not attended online courses before. Please feel free to forward any queries about this event to **tasterevent@ctyi.org**.

TIMETABLES

FRIDAY EVENING CLASSES

November 13th - December 11th

6PM - 8PM

Emergency Medicine

Model UN

SATURDAY MORNING CLASSES

November 14th - December 12th

10AM - 12PM

American Politics

Architecture

Neuroscience

SATURDAY AFTERNOON CLASSES

November 14th - December 12th

1PM - 3PM

Abnormal Psychology

Biotechnology

Book vs. Film

[CLICK HERE](https://www.eventbrite.ie/e/ctyi-os-online-winter-programme-tickets-125046165447)
[TO APPLY!](https://www.eventbrite.ie/e/ctyi-os-online-winter-programme-tickets-125046165447)

Alternatively, you can copy and paste this link into your browser;

<https://www.eventbrite.ie/e/ctyi-os-online-winter-programme-tickets-125046165447>

COURSE DESCRIPTIONS

Abnormal Psychology

Abnormal psychology is a discipline of psychology that studies individuals who are “abnormal” or “atypical” compared to the members of a given society. There are several fundamental questions for students to evaluate as they engage with the content of abnormal psychology. How do psychologists define and diagnose something as being abnormal? Who are key figures in the field, and how have views of mental health and illness changed over the years? How do psychologists use science to better assess and understand mental disorders? What are the primary theoretical perspectives and treatment options? These are all topics that will be explored in one of the most interesting branches of psychology.

American Politics

‘I love America more than any other country in this world, and, exactly for this reason, I insist on the right to criticize her perpetually.’ – James Baldwin

Could the immense success of *Hamilton: An American Musical* be considered a response to anti-immigration politics? How did the United States use cinema and television as a weapon in the Cold War? In what ways did popular music reflect political changes and disruption in the 1950s and 60s? This exciting new course will allow students to debate and discuss questions like this and to see how the cultural history of the United States influenced, and was influenced by, the country’s political climate. Analysis of important cultural texts including literature, television, music and film will give students an insight into United States politics and history, including shifting national perceptions of war, struggles for racial and gender equality, the nation’s emergence as a global superpower and how United States presidents have used television (and social media) for political influence.

Architecture

Architecture is the art and science of designing and building large structures. From the earliest huts and shelters all the way through to the skyscrapers commonplace in today’s cities, humans have designed some incredible buildings along the way. Architecture can define a city or a time period. But architecture is not just about impressive feats of engineering such as The Great Pyramid of Giza, the Parthenon, or the modern day Burj Khalifa. Look around any urban area and you will see the decisions made by an architect, from the creativity of the design, to the materials chosen to create the buildings. In this course you will learn about some of the history of architecture, along with the principles of construction and structural design.

Biotechnology

Biotechnology is the fascinating study of how living organisms can be manipulated to improve many areas of society. This course will investigate how animals and plants are cloned and why and how the fields of pharmaceuticals, medicine, food and agricultural have all advanced using this form of biological engineering. Famous case studies, such as Dolly the sheep, and the controversy behind Monsanto’s genetically modified fertilizers, will be discussed. The ethical dilemmas of using biotechnology, especially in the case of human and animal cloning, and also in genetically ‘designing’ babies to have particular traits, will be debated.

Book versus Film

Why are some stories retold time and time again? Is the book always better than the film? Is there a difference between adaptation and appropriation? Adaptations frequently arouse powerful responses from audiences and critics alike, generating stimulating discussion surrounding revision, fidelity, and intertextuality. In this course, we will look at the complex process of adaptation from text to screen and back again. We will also consider the influence of genre, authorship, and historical and cultural contexts. Students will also tackle the creative process head on, and attempt translations of their own. Are you up to the challenge?

Emergency Medicine

Emergency medicine is a field of medicine which provides care to patients who have experienced a sudden accident, traumatic injury or worsening of an existing medical problem. Medical emergencies can happen to anyone, at any time and at any age, which is why knowing how to help people calmly and effectively are skills that are not solely reserved for medical professionals. Identifying basic steps in managing acutely unwell patients in the pre-hospital setting can greatly improve patient outcomes and is the first step in returning that patient to good health. Skills which are necessary include; Injury recognition (bleeding, breaks and burns), bleeding management and bandaging injuries, recognising and treating heart attacks/strokes/epilepsy. Emergency medicine is much more comprehensive than the above skills, however by mastering these simple techniques, even the lay person can provide emergency care until paramedics arrive and can improve patient outcomes

Model UN

The world of the early 21st century is a global community of nations, all of which coexist in some measure of political and economic interdependence. Famine, disaster, war, epidemic and the environment; at the Model United Nations you will learn much about world politics through real life situations. Learning the skills of debate and negotiation, you will put forward your case for your country. Discuss, confer, bargain, agree, collaborate and cooperate with other countries. This is real world politics and every decision will have immense consequences for good and for bad! Students who are driven by the motivation to understand the driving causes of international co-operation, the imperatives that cause wars, trigger negotiations and implement trade agreements. Students that show a particular interest in politics and philosophy will be stimulated and deepen their knowledge.

This course will suit students who have an interest in debating and are concerned with world justice and fairness.

Neuroscience

Why do we sleep? How do some people 'smell' colour? How do our brains change throughout life? Why did the man mistake his wife for a hat? Is nature or nurture more important in how we behave? Are you interested in these questions? Then the Neuroscience course is for you! Neuroscientists now work in fields as varied as mechanisms of disease, drug development, sports medicine and psychology and we shall touch on all of these areas. Students will begin with the basics of cellular biology and neuroanatomy before taking a tour of the brain looking at both the normal function of different areas of the brain and what happens when these functions break down. We shall also look at more recently developed fields of neuroscience such as stem cell therapies and brain-computer interfaces. This course is of interest to anyone who has an interest into how our brains work, how we process the world around us and what happens when these systems break down. We shall also look at and discuss how this fascinating research that is carried out in laboratories in Ireland and around the world. The class will be lecture based but enthusiastic discussions are welcome!

CLICK HERE
TO APPLY!



***Application Deadline
Friday 6th November***



www.dcu.ie/ctyi ctyi@dcu.ie Centre for Talented Youth Ireland

@CTYI

**OVER 25 YEARS PROVIDING SPECIALISED COURSES
FOR GIFTED CHILDREN IN IRELAND**