

# Why lecture day?

- 1) to help you explore degree options by engaging with subject content (rather than just looking at a course outline on a course page). If you haven't decided on your degree, this can help you make a degree decision

AND

- 2) Provide evidence of super-curricular engagement (i.e. above and beyond A-level) with the degree, thereby strengthening your UCAS application, eg. personal statement

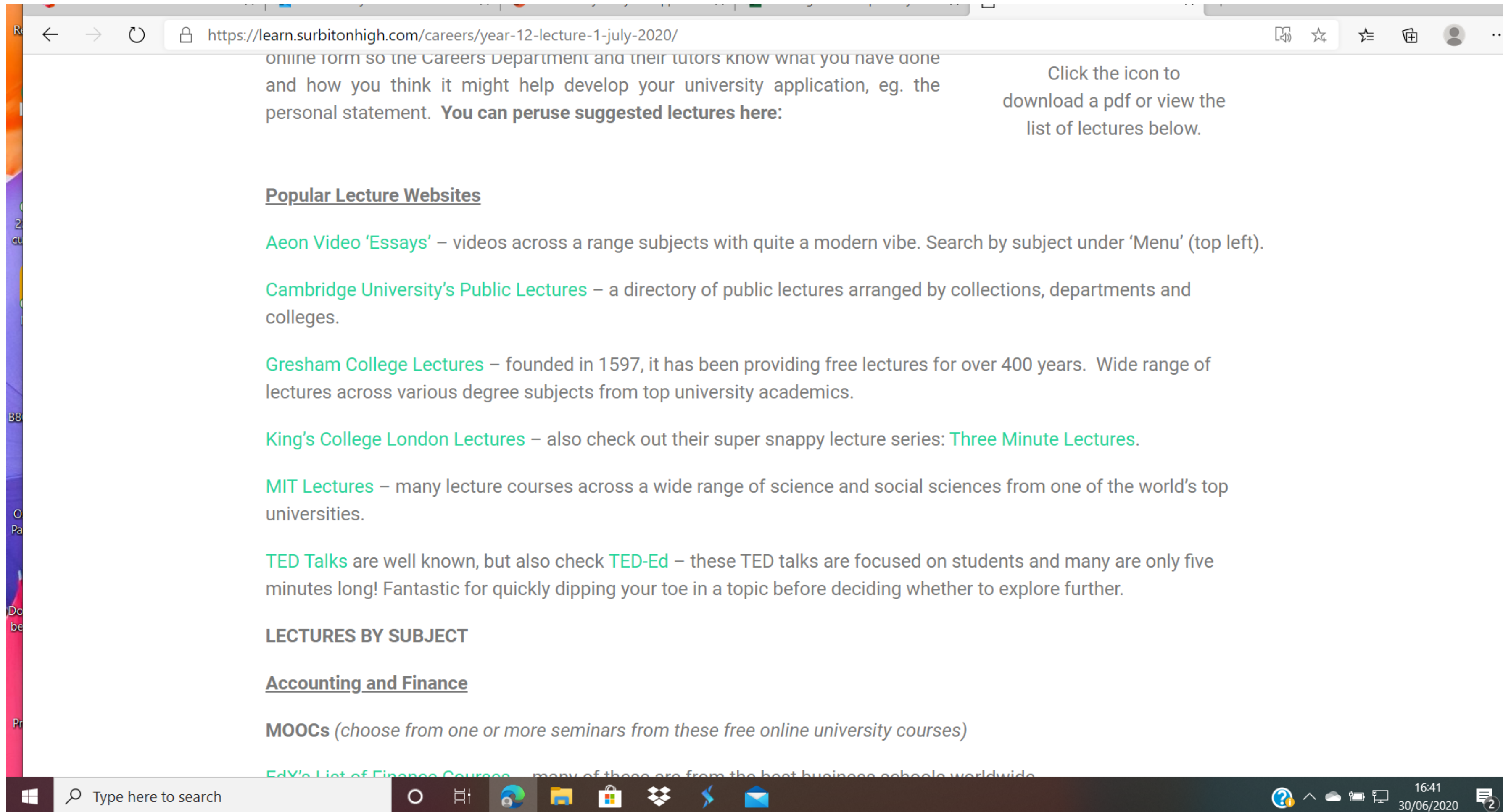


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# Lecture List and this PPT here:

<https://learn.surbitonhigh.com/careers/year-12-lecture-1-july-2020/>



online form so the Careers Department and their tutors know what you have done and how you think it might help develop your university application, eg. the personal statement. **You can peruse suggested lectures here:**

Click the icon to download a pdf or view the list of lectures below.

**Popular Lecture Websites**

- [Aeon Video 'Essays'](#) – videos across a range subjects with quite a modern vibe. Search by subject under 'Menu' (top left).
- [Cambridge University's Public Lectures](#) – a directory of public lectures arranged by collections, departments and colleges.
- [Gresham College Lectures](#) – founded in 1597, it has been providing free lectures for over 400 years. Wide range of lectures across various degree subjects from top university academics.
- [King's College London Lectures](#) – also check out their super snappy lecture series: [Three Minute Lectures](#).
- [MIT Lectures](#) – many lecture courses across a wide range of science and social sciences from one of the world's top universities.
- [TED Talks](#) are well known, but also check [TED-Ed](#) – these TED talks are focused on students and many are only five minutes long! Fantastic for quickly dipping your toe in a topic before deciding whether to explore further.

**LECTURES BY SUBJECT**

**Accounting and Finance**

**MOOCs** (choose from one or more seminars from these free online university courses)

[EdX's List of Finance Courses](#) many of these are from the best business schools worldwide



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# Example: Gresham College

The screenshot shows the Gresham College website at the URL <https://www.gresham.ac.uk/schools>. The page features the Gresham College logo (Founded 1597) and a navigation menu with links for Attend, Watch, Speakers, About Us, and LOG IN. A search bar is also present. The main content area is titled "Subjects" and displays a grid of subject categories:

Science	Music	History	Geography/ Environment
Religion	Information Technology	Maths	Medicine
Citizenship/ Law	English	Classics	Business
Astronomy/ Astrophysics	Art		

At the bottom of the page, there is a red text overlay: "Booking free student places at our lectures (in-person)".

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If struggling to find something relevant, you can look at podcasts, articles and activities – [see Super-Curricular Bible](#)

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# ALL SUBJECT RESOURCES

## MOOCS (MINI UNIVERSITY COURSES ONLINE)

### PORTALS:

- Coursea and EdX** - US portals with university courses from around the world. Many free, many instant access.
- Future Learn** - UK portal with university courses from around the world. Many free, many instant access.
- Open Culture Free Online Courses** - a one-page list of free online courses arranged by subject.

### Selected Universities offering MOOCs:

- MIT's Online Courses** - an absolutely huge range of courses, particularly in the sciences, from one of the world's most elite universities. See their most popular courses here.
- Nottingham University's Courses** - a list of their free MOOCs that are currently on offer. This updates from time to time.
- Edinburgh University's Free Online Courses**
- Southampton University's Free Online Courses, MOOCs and podcasts**
- Top 50 Most Popular MOOCs of all Time** - weighted towards the sciences, business and economics and mainly US universities, but many outstanding courses from the very best universities. Not all are currently live, but many are.
- Learning How to Learn** - rated as the world's most popular MOOC focused at helping you learn better across subjects. Relevant whatever subject you plan to study. *Recommended by Mr Salisbury.*

### Open University's Skills for studying social sciences

A range of courses that would suit students from a wide range of subjects such as Psychology, Politics and Sociology:

- Reading evidence
- Reading and note-taking
- Note-taking in relation to the social sciences (intermediate)
- Developing reading skills in relation to social sciences (intermediate)
- Reading visual images
- Getting started with SPSS (statistical data)
- How arguments are constructed and used in the social sciences

### LECTURES

- Cambridge University's Public Lectures** - a directory of public lectures arranged by collections, departments and colleges.
- Gresham College Lectures** - founded in 1597, it has been providing free lectures for over 400 years. Wide range of lectures across various degree subjects from top university academics.
- King's College London Lectures** - also check out their super snappy lecture series: **Three Minute Lectures.**
- MIT Lectures** - many lecture courses across a wide range of science and social sciences from one of the world's top universities.
- TED Talks** are well known, but also check **TED-Ed** - these TED talks are focused on students and many are only five minutes long! Fantastic for quickly dipping your toe in a topic before deciding whether to explore further.

### READING

- Open Culture's Free eBooks Free Audio Books** - 800+ free academic e- and audio books. Arranged by subject on one page.
- Oxford University Press - A Very Short Introduction To...** - over 500 titles, each circa 100 pages, across a huge range of subjects. Available as eBooks from your provider. Highly recommended as they give you a quality but quick introduction to a subject (some broad, like law, or some detailed, like environmental law).

17:28  
30/06/2020



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# Example - myheplus

Home Post 16 Pre 16

What do you want to **discover** today?

BIOLOGY	CHEMISTRY	ECONOMICS	ENGINEERING	ENGLISH	GEOGRAPHY	HISTORY
LAW	MATHEMATICS	MEDICINE	MODERN LANGUAGES	MUSIC	PHILOSOPHY	PHYSICS
POLITICS	PSYCHOLOGY	RELIGIOUS STUDIES	SOCIOLOGY	VETERINARY MEDICINE		

Follow us on Twitter [@BeCambridge](#)

**What is HE+?**

Tweets by [@BeCambridge](#)

Thinking about applying to University and looking for ways to explore your subject beyond the curriculum? Then this website is...

Type here to search

17:40 30/06/2020

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# MOOCs

The screenshot shows a web browser window with the URL <https://www.coursera.org/learn/moral-politics?authMode=signup>. The page is for the 'Moral Foundations of Politics' course by Ian Shapiro. A sign-up modal is open, showing options to 'Continue with Facebook' and 'Continue with Apple'. Below these are input fields for 'FULL NAME' (Terence McDermott), 'EMAIL' (careers@surbitonhigh.com), and 'PASSWORD' (masked with dots). A 'Join for Free' button is at the bottom of the modal. The background shows course details, including a 4.8 rating from 2,465 reviews and an 'Enroll for Free' button that starts on June 30. The Windows taskbar is visible at the bottom with the time 15:19 on 30/06/2020.

The image shows the logo for Surbiton High School, featuring a crest with the letters 'SH' inside a shield. Below the crest, the text reads 'SURBITON HIGH SCHOOL'. At the bottom of the image, the school's motto is displayed in all caps: 'INSPIRE ENCOURAGE EMPOWER'.



# Search according to interests

The screenshot shows a web browser window with the Coursera search page. The search query is "political theory". The results are filtered to show 204 total results. Three courses are visible:

- Moral Foundations of Politics** by Yale University. Course type: COURSE. Rating: 4.8 (2,482 reviews). 110K students. Status: Mixed.
- International Cyber Conflicts** by The State University of New York. Course type: COURSE. Rating: 4.5 (964 reviews). 27K students. Status: Mixed.
- Welcome to Game Theory** by The University of Tokyo. Course type: COURSE. Rating: 4.6 (1,231 reviews). 51K students.

The browser's taskbar at the bottom shows the date as 30/06/2020 and the time as 15:23.

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Look at syllabus to see if interests and if it starts today then it's instant access

The screenshot shows a web browser window with several tabs open: 'Political Theory Courses | Course', 'Moral Foundations of Politics | C...', 'Microsoft Office Home', and 'Lecture Day 1 July 2020.pptx'. The address bar shows the URL 'https://www.coursera.org/learn/moral-politics'. The Coursera logo and 'Explore' button are visible in the top left. A search bar contains the text 'What do you want to learn?'. In the top right, there are links for 'For Enterprise', a notification bell, and a user profile for 'Terence McDermott'. The main content area features a breadcrumb trail: 'Browse > Social Sciences > Governance and Society'. Below this, a yellow badge says 'Free' and text reads 'Access all lectures, readings, and assignments for free'. The course title 'Moral Foundations of Politics' is prominently displayed, followed by 'Offered By Yale'. The course has a 4.8 star rating from 2,465 reviews and a 'Share' button. The instructor is identified as 'Ian Shapiro'. A white button says 'Enroll for Free' with 'Starts Jun 30' and 'Financial aid available' below it. A note states '111,994 already enrolled'. At the bottom of the course card, it says 'Included with coursera PLUS' and 'Unlimited access to 3,000+ courses, Specializations and Professional Certificates. Learn More'. A navigation menu includes 'About', 'Instructors', 'Syllabus', 'Reviews', 'Enrollment Options', and 'FAQ'. The 'About this Course' section shows '609,949 recent views' and a snippet of the course description: 'When do governments deserve our allegiance, and when should they be denied it?'. A 'Learner Career Outcomes' button is also visible. The Windows taskbar at the bottom shows the search bar, task view, and various application icons. The system tray on the right shows the time '15:26' and date '30/06/2020'.

The image shows the logo for Surbiton High School, featuring a crest with the letters 'SH' inside a shield. Below the crest, the text 'SURBITON' is written in a large, bold, serif font, and 'HIGH SCHOOL' is written in a smaller, sans-serif font below it. At the bottom of the image, the school's motto is displayed in a large, spaced-out, sans-serif font: 'INSPIRE', 'ENCOURAGE', and 'EMPOWER' on three separate lines.



# Select do not certificate or equivalent

The screenshot shows a web browser window with several tabs open: 'Political Theory Courses | Course', 'Edit Account Profile | Coursera', 'Moral Foundations of Politics | C', 'Microsoft Office Home', and 'Lecture Day 1 July 2020.pptx'. The address bar shows the URL 'https://www.coursera.org/learn/moral-politics'. The Coursera logo and navigation menu are visible at the top. The main content area displays the course 'Moral Foundations of Politics' by Ian Shapiro, with a 4.8 rating and 2,465 ratings. A modal dialog box is open over the course, titled 'Moral Foundations of Politics', and contains two options:

- Purchase Course · £39  
Commit to earning a Certificate—it's a trusted, shareable way to showcase your new skills.
- Full Course, No Certificate  
You will still have access to all course materials for this course.

A blue 'Continue' button is located at the bottom of the dialog box. The background of the course page is dimmed. The Windows taskbar is visible at the bottom of the screen, showing the search bar and various application icons. The system tray shows the time as 15:33 on 30/06/2020.

The image shows the logo of Surbiton High School, featuring a crest with the letters 'SH' inside a shield. Below the crest, the text 'SURBITON' is written in a large, bold, serif font, and 'HIGH SCHOOL' is written in a smaller, sans-serif font below it. At the bottom of the image, the school's motto is displayed in a large, spaced-out, sans-serif font: 'INSPIRE', 'ENCOURAGE', and 'EMPOWER'.

Intro lecture/reading will quickly give you an idea of whether interests you

The screenshot shows a web browser window with several tabs: 'Political Theory Courses | Course', 'Edit Account Profile | Coursera', 'Moral Foundations of Politics | C', 'Microsoft Office Home', and 'Lecture Day 1 July 2020.pptx'. The address bar shows 'https://www.coursera.org/learn/moral-politics'. The Coursera logo and 'Explore' button are visible. A search bar contains the text 'What do you want to learn?'. The user profile 'Terence McDermott' is shown in the top right. The main content area displays the course 'Moral Foundations of Politics' by Ian Shapiro, with a 4.8 rating from 2,465 reviews. A modal window is open over the course details, titled 'Moral Foundations of Politics', with the following options:

- Purchase Course · £39
  - Commit to earning a Certificate—it's a trusted, shareable way to showcase your new skills.
- Full Course, No Certificate
  - You will still have access to all course materials for this course.

A blue 'Continue' button is at the bottom of the modal. The background page also shows 'Enroll for Free Starts Jun 30', 'Financial aid available', and '111,994 already enrolled'. The bottom of the page shows 'About this Course' with '609,949 recent views' and a Windows taskbar with the date '30/06/2020' and time '15:33'.

The image shows the logo for Surbiton High School, featuring a crest with the letters 'SH' inside a shield. Below the crest, the text 'SURBITON' is written in a large, bold, sans-serif font, with 'HIGH SCHOOL' in a smaller font underneath. At the bottom of the image, the school's motto 'INSPIRE ENCOURAGE EMPOWER' is written in a spaced-out, all-caps, sans-serif font.



Feel free to skip through to lectures/reading that interests you although make sure you are not missing out – you can always go back

The screenshot shows a web browser window with multiple tabs. The active tab is 'Pre-Course Survey | Coursera'. The address bar shows the URL: <https://www.coursera.org/learn/moral-politics/supplement/KxygZ/pre-course-survey>. The Coursera logo is in the top left, and a search bar with the text 'What do you want to learn?' is in the top center. The user's name 'Terence McDermott' is in the top right. The breadcrumb navigation shows 'Moral Foundations of Politics > Week 1 > Pre-Course Survey'. The main content area has a heading 'Pre-Course Survey' and a message: 'Dear Learner, Thank you for enrolling in *Moral Foundations of Politics*. Yale is committed to providing our Coursera learners with the best possible course experience. To that end, we ask that you please take 3 minutes to fill out a pre-course survey. It is completely voluntary and will not affect your course grade or completion status. Any information you provide will be used to help improve this and other Yale courses in the future!' Below the message is a link '[Take the Survey.](#)'. At the bottom right of the message area is a blue button labeled 'Mark as completed'. The Windows taskbar is visible at the bottom with the search bar and system tray.



# Watch lectures you want



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The screenshot shows a web browser window with multiple tabs. The active tab is titled 'The Eichmann Case and Problem of Illegal but Legitimate Acts' and shows the Coursera interface. The URL is <https://www.coursera.org/learn/moral-politics/lecture/EAFN1/the-eichmann-case-and-problem-of-illegal-but-legitimate-acts>. The page features a search bar with the text 'What do you want to learn?', a user profile for 'Terence McDermott', and a breadcrumb trail: 'Moral Foundations of Politics > Week 2 > The Eichmann Case and Problem of Illegal but Legitimate Acts'. The main content area is titled 'The Eichmann Case and Problem of Illegal but Legitimate Acts' and contains a video player with a play button. Below the video are buttons for 'Save Note', 'Discuss', and 'Download'. To the right of the video is a 'Notes' section with a 'All notes' link and icons for a document and a pencil. The notes section contains the text: 'Click the "Save Note" button when you want to capture a screen. You can also highlight and save lines from the transcript below. Add your own notes to anything you've captured.' The Windows taskbar is visible at the bottom, showing the search bar and system tray with the time 15:44 on 30/06/2020.



# Ultimate Outcomes

1. Are you interested? If not, what does that mean for your potential degree subject? Eg. If you don't like political theory/philosophy, are you able to avoid on your politics course? Or has another degree subject piqued your interest more?
2. For your personal statement, you are trying to identify a few areas of debate in your subject where you can show - through discussion - your interest in your degree subject



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For example: this 5 minute lecture from Ted-Ed –  
Why Isn't The Netherlands Under Water?

<https://ed.ted.com/search?q=engineering>

The screenshot shows a web browser window with several tabs open. The active tab is 'Lessons Worth Sharing | TED'. The address bar shows the URL 'https://ed.ted.com/search?q=engineering'. The page features the TED-Ed logo and navigation links: 'Discover', 'Create', and 'Support'. Below the navigation is a search bar with a magnifying glass icon. The main heading reads 'Search results for **engineering**'. A filter bar shows 'All Results (312)', 'TED-Ed Lessons 231', 'TED-Ed's Best of Web 43', and 'TED-Ed Blog 38'. The section 'TED-Ed Lessons' displays four lesson cards:

- BUILDING THE BROOKLYN BRIDGE** (05:16): Design, Engineering & Technology. Epic **Engineering**: Building the Brooklyn Bridge. In the mid-19th century, suspension bridges were collapsing all across Europe. Their industrial...
- WILL IT FALL?** (05:06): Design, Engineering & Technology. Why doesn't the Leaning Tower of Pisa fall over? In 1990, the Italian government enlisted top engineers to stabilize Pisa's famous Leaning Tower....
- THE SOFTWARE THAT SENT HUMANS TO THE MOON** (05:10): Design, Engineering & Technology. NASA's first software engineer: Margaret Hamilton. The Apollo 11 moon landing was about the astronauts, mission control, software and hardware all...
- WHY ISN'T THE NETHERLANDS UNDERWATER?** (05:24): Design, Engineering & Technology. Why isn't the Netherlands underwater? In January 1953, a tidal surge shook the North Sea. The titanic waves flooded the Dutch...

A privacy policy notice is visible at the bottom: 'Hi! We've updated our [privacy policy](#) to explain how we process and store your data and use cookies. By continuing to browse the site, you're agreeing to TED's use of cookies.'



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For example: this 5 minute lecture from Ted-Ed

The screenshot shows a web browser window with several tabs open. The active tab is a TED-Ed lesson titled "Why isn't the Netherlands underwater? - Stefan Al". The URL in the address bar is <https://ed.ted.com/lessons/why-isn-t-the-netherlands-underwater-stefan-al>. The TED-Ed logo is in the top left, and "register or sign in" is in the top right. A navigation bar contains "Discover", "Create", and "Support". Below this is a paragraph of text: "In January 1953, a tidal surge shook the North Sea. The titanic waves flooded the Dutch coastline, killing almost 2,000 people. 54 years later, a similar storm threatened the region. But this time, they were ready. This was thanks to a massive, interlocking system known as the Delta Works— the most sophisticated flood prevention project in the world. Stefan Al dives into this marvel of engineering." The video player shows a cartoon illustration of a person in a green raincoat standing by a flooded house. The video title "Why isn't the Netherlands underwater? - Stefan Al" is at the top of the player. Below the video are social sharing icons for Facebook, Twitter, YouTube, and Email. To the right of the video player are four interactive buttons: "Watch", "Think", "Dig Deeper", and "Discuss". Below these is a red button "Customize This Lesson" with a counter showing "226" and the text "Create and share a new lesson based on this one." At the bottom of the browser window, a cookie notice reads: "Hi! We've updated our [privacy policy](#) to explain how we process and store your data and use cookies. By continuing to browse the site, you're agreeing to TED's use of cookies." The Windows taskbar is visible at the very bottom, showing the search bar and system tray with the date 30/06/2020 and time 15:53.

The image shows the logo for Surbiton High School, featuring a crest with the letters "SH" inside a shield. Below the crest, the text "SURBITON" is written in a large, bold, serif font, and "HIGH SCHOOL" is written in a smaller, sans-serif font below it. At the bottom of the image, the school's motto "INSPIRE ENCOURAGE EMPOWER" is written in a large, spaced-out, sans-serif font.

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## What I learnt in five minutes from this lecture?

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1953 – thousands of people died in the Netherlands after a tidal surge

In years that followed, Netherlands engineered the world's most sophisticated, expensive and successful flood protection system

There's some mention of the engineering solutions used

**How might you use this in your personal statement? What might you do next?**



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## How to use in personal statement

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"One of the things that strikes me about engineering is not only its power to improve our lives at the day to day level, whether that's a vacuum cleaner with better suction or a mobile with a better camera, but also its capacity to tackle some of the biggest, existential challenges of our time. For example, I saw the role of civil engineering in managing our climate catastrophe by engineering sustainable flooding solutions in the Ted-Ed talk, "Why Isn't the Netherlands Underwater?". A tidal surge that killed thousands in 1953 prompted the world's most successful, sophisticated and expensive flooding solution..."

**Where might you look to take this next? What sort of lecture or article might you find next?**

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## How to use in personal statement

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### Where might you look to take this next? What sort of lecture or article might you find next?

- For engineering, I'd probably want to find a bit more detail on the engineering technology used in this flood defence

- I'd also want to understand more about flood technology that could be (and/or has been) adapted for less developed countries than the Netherlands, eg. Bangladesh

"The Netherlands example led me to think about what countries with far less resources but also at risk of rising sea levels may respond. In "Bangladesh: Sustainable Flooding Solutions on a Shoestring", I discovered a mix of innovative technology and EU funding and expertise from The Netherlands has started to make a difference. It taught me that engineers need to have financial practicalities in mind, not just a solution that works in theory."



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# Actions

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**Please use this lecture list provided:**

<https://learn.surbitonhigh.com/careers/year-12-lecture-1-july-2020/>

**You can find lectures that aren't on this list**

**If you can't find lectures, articles, podcasts and activities are also acceptable, see the super-curricular bible here:**

<https://learn.surbitonhigh.com/careers/surbiton-super-curricular-bible/>

You should undertake AT LEAST 1 ½ hours' worth of lectures (or equivalent) between now and the end of period 3

Keep in mind, how is this helping me? Is it developing my degree decision? Is it helping me identify one of the areas of discussion in my personal statement?

Once you have completed your lectures, [complete this form](#)

**REMEMBER:** continue over the summer with your super-curricular endeavour. It will help you confirm your degree choice and refine your personal statement



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