

# T Level Software Development

Welcome to the Software Development T-Level. We will be delighted to welcome you onto the course in September and helping you to take the next step to a great career.

You will benefit greatly from doing a little study of your own ready for the start of term. Free online courses in any program language will help you to start understanding the syntax and format of languages, researching computer components and how they work, networking basics and cyber security will aid you.

You will need a PC or laptop at home to be able to complete the homework and assignments that are set throughout the year. Ideally this should be able to run Microsoft office 365 (supplied by the college).

*We have added lots of information about the course on the college website:*

[Software Development \(T-Level\) \(wsc.ac.uk\)](https://www.wsc.ac.uk)

*Please take time to review this information for **Software Development T-Level** and start to get a clear understanding of what you will be doing in the first and second year of the course.*

## Summer Work Task

### Task One:

*A key part to this new and exciting course is the 315hrs industry placement*

*Industry placement will be arranged with the support of the college, but it is also part of the college core values that you take ownership of your own learning and options for the industry placement. Please start to research what companies there are in your own local area. What type of business would you like to work in? Software Development can be found in many companies and in every sector of the workplace. Some companies will have their own IT support team and others outsource this to IT support companies to provide this service.*

**List three companies** (name, company website address, address and phone number) **you would like to contact for your industry placement that is in your local area or that you would be able to travel to when on work placement.** *TIP “Have a look on company websites to see what they do and make contact with them to find out what IT support they have” . Ask family and friends if they know anyone who works in IT.*

### Task Two:

*All level 3 courses require the student to have key skills in research and evaluating information. Please review the link below which gives details of the 8 core knowledge modules you will be studying in your first year on the course. [Software Development \(T-Level\) \(wsc.ac.uk\)](#)*

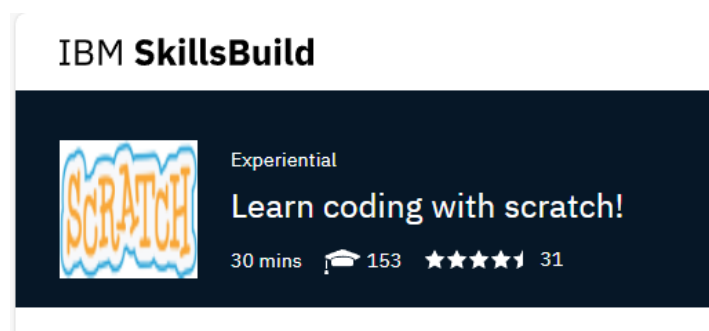
**List the 8 knowledge elements and write a short statement about what you think each means.**

### Task Three:

#### IBM Skills Build

First thing you will need to do is head over to [Free Skills-Based Learning From Technology Experts | IBM SkillsBuild](#) and register yourself.

Once you are registered, search for a Python course: (Example shown below)



**Complete course and add screenshot to show completed learning plan**

<b>Deadline Date:</b>  25 <sup>th</sup> August	<b>Email document of all 3 tasks completed.</b>  Submit by email to Michael Harding <a href="mailto:Michael.Harding@easterneducationgroup.ac.uk">Michael.Harding@easterneducationgroup.ac.uk</a>
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### **Useful Websites**

Course webpage: [Software Development \(T-Level\) \(wsc.ac.uk\)](http://www.wsc.ac.uk)

<https://www.futurelearn.com/courses/object-oriented-principles>

<https://www.techradar.com/uk/how-to/pc-components>

<https://www.ibm.com/uk-en/cloud/learn/networking-a-complete-guide>

[https://www.itonlinelearning.com/blog/why-is-cybersecurity-important-in-2021/?utm\\_feeditemid=&utm\\_device=c&utm\\_term=&utm\\_source=google&utm\\_medium=ppc&utm\\_campaign=EC-Council+CEH+DYNAMIC&hsa\\_cam=12406597096&hsa\\_grp=118144063437&hsa\\_mt=b&hsa\\_src=g&hsa\\_ad=515500825136&hsa\\_acc=1636904472&hsa\\_net=adwords&hsa\\_kw=&hsa\\_tgt=dsa-397031600142&hsa\\_ver=3&gclid=CjwKCAjwy42FBhB2EiwAJY0yQkPFC7Sge0qTDTynTybF5C0lwsI9tmwdzd6e3ZAwccYZhw6MJJaPgmXoCs2lQAvD\\_BwE](https://www.itonlinelearning.com/blog/why-is-cybersecurity-important-in-2021/?utm_feeditemid=&utm_device=c&utm_term=&utm_source=google&utm_medium=ppc&utm_campaign=EC-Council+CEH+DYNAMIC&hsa_cam=12406597096&hsa_grp=118144063437&hsa_mt=b&hsa_src=g&hsa_ad=515500825136&hsa_acc=1636904472&hsa_net=adwords&hsa_kw=&hsa_tgt=dsa-397031600142&hsa_ver=3&gclid=CjwKCAjwy42FBhB2EiwAJY0yQkPFC7Sge0qTDTynTybF5C0lwsI9tmwdzd6e3ZAwccYZhw6MJJaPgmXoCs2lQAvD_BwE)

### **Staff Contact**

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