



# Technology Programme

ENGELSKA

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Skolverket

**The Technology Programme leads to a diploma that provides eligibility for higher education.**

The programme is intended for students who wish to work with technology and technological processes. The programme lays the foundations for further studies in technology and the natural sciences in higher education. You also become eligible for higher education studies in several different areas.

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## FIVE DIFFERENT ORIENTATIONS

### **Design and product development**

- You learn about design and product development with a focus on computer-aided design and construction.

### **Information and media technology**

- You learn about technology for information, communications, and different media such as computer communications, programming, digital media and web development.

### **Production technology**

- You learn about production and business such as automation and management of production lines.

### **Community building and environment**

- You learn about social structures, the environment and architecture where technology is as important as ecology, appearance and finance.

### **Technology sciences**

- You learn about the working methods and tools used in technology for mathematical modelling, simulation, control and regulation.

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## **This is what you learn from the programme**

You develop your knowledge of technology, physics, chemistry and mathematics with a focus on technological processes. You learn to see the relationship between the different parts as technology is developed and understand how technological development takes place in society. You study both existing technology and the development of new technologies.

**How the programme is organised**

The foundation subjects in the Technology Programme are: English, history, physical education and health, mathematics, religion, social studies, and Swedish or Swedish as a second language. In the programmes preparatory for higher education, you study more theoretical courses than in the vocational programmes.

**The programme specific subjects are: physics, chemistry and technology.**

You get the opportunity to specialise and further broaden your knowledge in the programme. This is referred to as "programme specialisation". It can cover subjects such as: architecture, images, biology, practical electricity, events, philosophy, physics, geography, history, sustainable society, medical technology, network technology, pedagogy, programming, psychology, Swedish and web technology. Check with the school to find out what specialisation courses it offers.

You also have an individual option where you can choose what you want to study. Ask the school what courses it provides.

**Working approaches**

In the programme, you search for and process information with critical awareness of source material. You solve practical tasks individually or together with others, often in project forms. You develop your skills to apply new and creative solutions, and learn about the opportunities to run your own business.

You develop skills in analysing, modelling, simulating, assessing feasibility, developing, seeing relationships, drawing conclusions and participating in discussions to gain a better understanding of technological systems.

**Diploma project**

Towards the end of the Technology Programme, you complete a diploma project. In this you formulate a set of questions, plan, carry out and assess extended work based on important knowledge areas in the programme.

**Some points to think about**

To be eligible for a specific education programme in higher education, it is important that you plan your studies in advance. Talk to your study and vocational guidance counsellor if you want to continue your studies in higher education.

You always have the right to choose another course in physical education and health, and an aesthetic course in the individual option.