

LTUC has collaborated with Code Fellows, a coding academy offering world-class software development training, to introduce a Coding Program at Abdul Aziz AlGhurair School of Advanced Computing (ASAC).

Code Fellows are a Seattle-based, coding academy that guides people from all backgrounds to change their lives through career-focused education. They shape passionate coders with immersive training to meet industry needs and improve diversity in the tech scene.



The pioneering Coding Program leverages fast-paced, career-focused and immersive education known for driving tangible results in a short amount of time. In every course, students get hands-on development experience, working in teams to apply their training and building apps that expand their skills.

The learning environment of the School of Advanced Technology mimics the 'real world' working environment, easing transition to employment. The technical training consists of several levels:

- **101 (1 day):** students learn the basics of software development. This course introduces beginners to the world of software development.
- **102 (1 week):** students are introduced to the basics use of HTML, CSS.
- **201 (4 weeks):** students use HTML, CSS and basic JavaScript to create interactive web pages.
- **301 (4 weeks):** students learn the common core of software development and fundamentals, including MVC architecture, object-oriented and functional programming, and computer science fundamentals. Students learn how to create and launch web apps in HTML, CSS and JavaScript, with the help of third-party APIs and libraries. They can become a web producer, product manager, entry-level website builder, or continue to Code 401.
- **401 Full-Stack and Javascript Development (10 weeks):** Students build full-stack web applications with server-side Node.js and modern, client-side, front-end libraries and frameworks, including React. Students also study data structures and algorithms, professional software development techniques, and established industry best practices.