Building Services Engineering (BSE) is fundamental to Hong Kong, a city of towering air-conditioned offices, hotels and shopping malls made possible by the unique talents of professional building services engineers. These modern buildings have one common feature - the need to modify their internal climate by engineered systems. This naturally places a heavy burden on the building services engineer. Air-conditioning needs to be designed to maintain an excellent thermal environment, permanent artificial lighting is installed to create ample levels of illumination, lifts and escalators support vertical circulation, fire services keep us safe and complex piped services provide the water that sustains us.

Today, more than ever, Hong Kong needs BSE graduates who understand the value of integrating human needs into a building’s design and system maintenance. We ignore the environmental impact of poor engineering services at our peril. BSE graduates need to be proactive to the society in which they work. They need to create energy savings while being mindful of emerging renewable power resources, they need to develop effective maintenance systems while being sensitive to occupants’ lifestyle and they need to be innovative while retaining a passion for safety and quality.

The Building Services Engineering Department is renowned within a profession that prides itself on employing skilled, focused and dedicated staff. Over the past decade the Department has established itself as a centre for excellence in the discipline, with significant research capabilities. An international research centre in fire safety engineering, a regional centre for building performance and emerging centres in building control, sustainable energy systems and indoor environmental quality all add focus to the Department’s contribution to Hong Kong. That is why we seek ever-closer ties with the building and real estate sectors, government and relevant professions to nurture highly relevant study programmes and research, and good job prospects for our students.

Our facilities are second to none, and our academic staff members have excellent credentials. Above all, our graduates are the leading-edge for the future.

The modern world confronts graduates with many challenges, but also offers many opportunities. BSE is at the cutting edge of Hong Kong’s future.