Despite establishing a firm reputation for educational excellence since its opening in 1947, Langside College’s estate had become outdated and in need of modernisation. This led to the college embarking on an ambitious project to transform the campus and enhance its provision of quality education through purpose built facilities.

Designed to provide future students with the best possible learning environment, the new 14,000m² scheme incorporates state of the art facilities which were designed to accommodate a diverse range of courses within two distinct buildings. These structures were constructed in three phases and include a new teaching bloc as well as a new indoor sports centre and theatre. Sustainability was an important concern for the college so our team ensured that this was factored into every design decision. To enhance its green credentials, single sided natural ventilation was used for cooling the main teaching block.

In addition to ventilation openings, the windows for this building were designed to maximise daylight whilst shading was incorporated to reduce unwanted overheating. Where necessary, natural ventilation was supplemented by mechanical ventilation in spaces like laboratories and kitchens. The separate heating block was dealt with independently from the main building and includes mechanical supply and extract and its own heat generating plant.

To support the college in its aim of achieving a future proof building, wireless internet access covers the whole site, supplementing the hard-wired installation. Also, to aid the College’s wider vision of establishing itself firmly within the local community the entrance plaza and facade was carefully lit to create a welcome face to the public.