Associate of Science in Construction Engineering and Management
Our commitment is to equip our students with the knowledge of engineering, design process, construction technology, construction materials, quantity surveying and management skills required for careers in building and other forms of construction. An integrated studio project in the final year requires students to demonstrate the skills they have acquired.

Our graduates all have the necessary technical and academic foundation to develop successful careers in the private and public sectors, including project management, construction engineering, contract administration, quantity surveying and field supervision.


You can be confident that they all have a clear understanding of the:

- role and functions of the construction professional and other professions involved in the multi-disciplinary construction industry;
- physical principles and progresses required to construct buildings of all types;
- organizational and operational practices of the construction industry;
- financial management methods of the construction industry;
- impact of construction on the environment;
- various contractual systems in use;
- methods used to prepare and analyse tender and contract documents.
We found the performance of all the finalists outstanding, with very high quality written submissions as well. The stage presentations were lively, dynamic and excellent. The proficiency in employing various visuals aids was very impressive. Charts, tables, photos, drawings, computer animation, building models, etc. were effectively combined and fully utilized. The students were able to demonstrate their general understanding of the critical processes and essential features and issues of construction activities, such as planning and programming, budgeting and cost control, quality assurance, good health and safety practice, as well as environment awareness and management.

We were also impressed by the high standard of English proficiency and the students’ relaxed and confident style. Their excellent performance was enhanced by the harmony and outstanding teamwork which were evident throughout the presentations.

Over the period since 1995 I am absolutely confident from the evidence at my disposal that the programme is being well taught and effectively managed, and satisfied that the standards of assessment being set are appropriate, that students’ work has been carefully assessed, and that the achievement of the students is fully comparable with the international standing of the award.

The greatest strength of the AScCEM programme lies in its relevance to the work of the construction industry in Hong Kong, and the extent to which it equips graduates to be both immediately productive employees and effective life-long learners. The close relationship between the programme team and industrialists, through which students become aware of current issues, processes and projects, is one of the strongest such links that I have witnessed over my career.
Rejoice in hope, be patient in tribulation." This has been my personal dictum. I would like to express my thanks to City University of Hong Kong for giving me an invaluable start. After these challenging and fascinating years in the programme, I was well equipped to handle multi-tasks within a limited time and to produce high quality projects/assignments. This paved the way to my success in the degree programme.

"Thanks to the comprehensive knowledge and ability I gained from the building programme, my confidence grew and I finally graduated from the degree programme with a first class honours.

During my years of study at CityU, I acquired knowledge which has been very useful and relevant to my work in the construction industry. I am therefore sincerely grateful to the lecturers in the Division for their hard work and enthusiasm.

It was a wonderful experience studying at City University of Hong Kong. With the expert guidance of the programme lecturers, I gained very important knowledge in the areas of construction practices and management. The building programme gave me the best possible foundation for my degree studies and career development in the local industry.
What Employers Say

"We found that these new graduates are properly equipped with technological knowledge and IT skills. The overall performance assessment for the 1999 and 2000 graduates are “satisfactory” and “good” respectively. They are in general very hardworking, energetic and willing to learn... able to prove their competencies to us, and considered to be of high potential to our company.

"We are pleased to consider possible recruitment for building graduates from City University in the near future."

Hip Hing Construction Co Ltd

"We feel very pleased to report that the building graduates we have employed from City University of Hong Kong are working diligently for our company with commitment, and are willing to learn. They have been well equipped with theoretical knowledge from the building programme, and are very anxious to put them into practice. They have very good attitudes and perform satisfactorily in their assigned work. We are preparing to offer them comprehensive on-the-job training in the whole construction process, so as to strengthen their practical experience in quality construction work, and enable them to take on more important responsibilities for our company in the future.

"We will be happy to consider recruiting building graduates from City University in the near future."

Hanison Construction Co Ltd

Professional Accreditation

"Graduates of this programme will meet the academic requirements for the Associate Membership of the Hong Kong Institution of Engineers (HKIE)."

"They will also meet the academic requirements for the Incorporated Membership of the Chartered Institute of Building (CIOB), with exemption from all modules in Formation Studies (Level 1) and part of Core Studies (Level 2) up to 240 credits of the Chartered Institute of Building Education Framework."
Articulation

City University of Hong Kong
The Associate of Science in Construction Engineering and Management is recognized by many local and overseas universities. Graduates of this programme can be articulated to both full-time and part-time BEng (Hons) Building Engineering (CEM stream) programmes offered by the Department of Building and Construction, City University of Hong Kong.

Graduates are also accepted for the part-time BSc (Hons) in Construction Management programme in Hong Kong jointly organized by the SCO PE, City University of Hong Kong and the University of Wolverhampton, U.K.

Other Overseas Universities
Graduates of this programme can be articulated into the second or final year full-time BSc (Hons) building-related programmes offered by a number of universities in Australia, United Kingdom, Canada and Mainland China, such as the University of New South Wales, University of Melbourne, Queensland University of Technology, University of Salford, Loughborough University, Oxford Brooks University, University of Portsmouth, Leeds Metropolitan University, University of Central Lancashire and University of Westminster and others. The acceptability of a candidate to the degree course is subject to individual institutions’ selection criteria and the candidate’s merits.

Out-of-Classroom Activities

Students develop organization, communication and other lifelong skills through various activities, which include:

Study Tour
Students visited Beijing and Shanghai, where they studied special features of construction in China, including construction management practices, town planning, infrastructure development and environmental issues. Other visits were to Tsinghua University, the Beijing University of Technology and Tongji University.

Visits to Japan allowed students to explore and understand the latest innovations in automatic and robotic construction techniques.

Site visits were also organized to an innovative housing project in Tseung Kwan O, and to the Disneyland project at Penny’s Bay to observe construction work on reclaimed land.

Construction Site Visit
Study visits organized by AScCEM Student Association, including the Disneyland project at Penny’s Bay.

Site Visit to a Commercial Development at Pudong in Shanghai, AScCEM Study Tour to Beijing and Shanghai, July 2002
About Our Lecturers

Lecturers in the Associate of Science in Construction Engineering and Management programme are high-calibre academics with substantial professional experience in design engineering, building construction, infrastructure development, project management and contract administration. They are corporate members of relevant professional bodies including Chartered Institute of Building, Hong Kong Institution of Engineers, Institute of Structural Engineers, Hong Kong Institute of Construction Managers and Royal Institution of Chartered Surveyors. All of them have at least a Masters Degree in the relevant discipline. Quite a number of them also possess doctorate degrees and the rest are pursuing doctorate degrees in the areas of construction management and engineering-related disciplines.