

## The HAN / DACE Cost Engineering Curriculum

The *HAN Center of Knowledge*, a subsidiary of the *Arnhem-Nijmegen University*, presents a two year part time post graduate course in Cost Engineering to industry- or government-employees with a technical bachelor's degree. It takes 300 hours in class room, plus at least an equal number of self study hours, spread over two consecutive years.

*DACE* (Dutch Association of Cost Engineers) has taken the responsibility for the content, and provides teachers who are active in the field. The program is a carefully mixed blend of practical skills and knowledge with the necessary theoretical background. Although estimating, planning & scheduling and cost control are the main subjects, it also contains modules from the bordering fields of project management, engineering economics and design engineering. Each module is finalized with a written exam, and two one day case studies complete the curriculum. After having published a peer reviewed paper on a cost engineering subject, the graduate will be recognized as an AACE-International CCE (Certified Cost Engineer) and will be able to serve his or her employer as a full-fledged professional cost engineer by

- estimating and budgeting capital investments
- evaluating the economics of investment proposals
- planning and scheduling investment projects
- consulting and partnering in design teams
- developing and maintaining data bases and methodologies
- exercising cost control in the execution phase of capital projects

*DACE* has sponsored this course ever since 1984, and so educated some two hundred cost engineering professionals. This to the full satisfaction of the students (who have to invest a respectable effort, largely in private time) and of their employers (who pay the tuition fees and in most cases allow them a limited number of hours for study purposes).

Quality control is exerted by the Dutch Post HBO Board as well as by *DACE*, and the program is accredited by ICEC (International Cost Engineering Council).

All information on fees, schedule and detailed curriculum is available from:

Hogeschool van Arnhem en Nijmegen, Kenniscentrum Economie, Techniek en Informatica, Ruitenberglaan 26, 6826 CC Arnhem, Netherlands.

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