

AACE International

can help you develop as a Project Controls or Project Management Professional

SCHOLARSHIPS

Various scholarship programs available to students enrolled in Business, Engineering, Construction Management or Technology programs in colleges or universities in the US and Canada.

MEMBERSHIP

Membership in AACE shows potential employers that you are serious about your career. Benefits of membership include: access to the AACE Virtual Library, local section meetings, subscription to our monthly journal - Cost Engineering, discounts on conferences, seminars, and items from the AACE bookstore.

AACE STUDENT SECTIONS

Many local sections sponsor student sections at schools in their area, providing great opportunities for networking, finding mentors, and learning more about the profession.

SKILLS & KNOWLEDGE COURSES

Each AACE Annual Meeting program includes presentations on the basic skills and knowledge of various aspects of project controls.

DISTANCE LEARNING

AACE International provides an ever-growing list of distance learning courses for young professionals who are looking for training that's as close as your computer.

CERTIFICATION

AACE offers a widely known and respected certification program, including CCT (Certified Cost Technician) for young professionals, CCC/ CCE (Certified Cost Consultant or Certified Cost Engineer) for the seasoned professional, and many specialty certifications

With 6000 members and more than 75 local sections in 78 countries, AACE International is unique in the project controls community. Our members are engaged in a large variety of industries, including:

- Aerospace
- Building Information Modeling
- Construction
- Environmental
- Forest Products
- Government & Public Works
- High Tech and IT
- Manufacturing
- Oil/Gas/Chemicals
- Pharmaceuticals and Biotechnology
- Transportation
- Utilities

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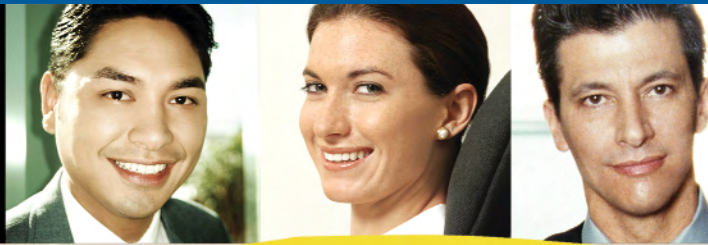
www.acei.org



CAREERS IN PROJECT CONTROLS



PROJECT CONTROLS may not be a term you have heard before, but careers in this field can be fast-paced, financially rewarding and can put you on a career path that leads to an executive management position. Start with a college degree in engineering, construction, business or some related technical or managerial discipline. Get a year or two of field experience and then move into the project controls office as a cost engineer, estimator, or planner/scheduler.



COST ENGINEER

A cost engineer is an engineer who applies his/her judgment and experience to problems of estimation; cost control; business planning and management science; profitability analysis; project management; and planning and scheduling. A cost engineer works closely with the project manager and other specialists such as procurement, logistics and field personnel, so that all incurred costs are obtained on time and correctly recorded. A cost engineer is not an accountant, but rather looks beyond historical costs to create reliable cost forecasts.

COST ESTIMATOR

Estimators determine what the project budget should be to enable managers to accurately bid the work. Once a project is begun, the estimate is the yardstick against which cost performance on a project is measured. The cost estimator's work is critical in both the early conceptual state and the later detailed stage of a project.



For full career descriptions log on to:
www.aacei.org/careerlist

PLANNER/SCHEDULER

Planner/schedulers work closely with project managers and construction managers. Planners gather information, choose the best alternative, and see that the plan is implemented properly. Schedulers determine how long completing the project or parts of it will take, and when important dates will be reached.

PROJECT CONTROLS MANAGER

The project controls manager oversees the estimators, planners, schedulers, and cost engineers on a project. Since matters of scheduling and funding create so much need for decisions, the project controls manager is almost always involved in the decision-making of the program. This project-level decision making grooms the project controls manager for increased responsibilities such as project management or contracts management.

PROJECT MANAGER

A project manager (PM) is responsible for all that happens or fails to happen to complete the contracted project on time, within budget, with specified quality, and safely. PMs supervise the activities of the internal professionals assigned to deliver the project, but perhaps most critically, PMs deal with the client and external stakeholders affected by the project.

COST MANAGEMENT SPECIALIZATIONS

If you prefer to become a specialist in one area of project controls, the doors of opportunity will open wide. For example, construction claims analysts work within the framework of the law to help resolve disputes between parties in a contract. Project risk analysts use relevant data from earlier similar projects to forecast potential risks and work to avoid them.

EXECUTIVE MANAGER

Executive Managers take a long-term view of a company's direction by analyzing business trends and establishing company policies that strategically guide the actions of the organization for longer periods than one project.

