This new course will be offered for the spring 2018 term. There will be two classes per week on Mondays & Wednesdays, 4.30 – 5.45 pm at a location to be advised.

It is generally agreed that the performance of the construction industry with regard to its ability to forecast and control costs, is less than satisfactory. The situation has been compounded by recent changes in project delivery whereby competitive bidding by contractors on completed designs, is becoming a feature of the past as contracting expertise now becomes involved at early project stages, leaving owners unsettled and concerned on how they can establish a fair price for the work. Further opportunities and challenges are being created by the widespread adoption of IT applications within the industry, especially BIM.

While Georgia Tech provides individual class instruction on estimating, engineering economics and value engineering, there is now the need for a higher level of understanding on the broader subject of cost management and cost control from early project inception to completion. From surveys of our peer institutions, this 3-credit course will be unique in offering our students in construction, civil engineering and architecture the opportunity to acquire the skills necessary to improve performance in this field, which are widely sort after for careers in program and project management.

This Special Studies course is designed to broaden students’ skills to include:

- Early stage conceptual estimating and budgeting
- Cost control during design & construction
- Knowledge of building and development economics
- Internal financial and accounting of design and construction entities
- Financing of construction projects
- Risk appraisal and control
- Value management & damage control
- Related issues such as legal, procurement, statistics, etc.

The course will be led by Tom Wiggins of Faithful-Gould with support from Brian Bowen, Professor of Practice and selected industry experts in the field.

Contact Brian.bowen@design.gatech.edu for more details of the syllabus.