

S F Johnson Consulting Class Outline

Professional Civil Estimating

Date	
Professional Framing Estimating	<p>In this on-line 8-week estimating class, we will review the three steps of mastering estimating. This class covers all procedures necessary for you to provide a cost estimate for every sheet in the civil set. We show the student and discuss the details related to:</p> <ol style="list-style-type: none"> 1. Completing accurate take offs (linear measurements, heights of walls and square foot cubic yard and area totals) 2. The best way to have quick accurate pricing for continuous bidding 3. Determining accurate manhours based on the exact scope of work 4. Professionally formatting a cost estimate for each sheet in the set 5. Reviewing the construction documents vs. the Specifications 6. Handling errors on plans <p>This is a live 8-week class where the above referenced topics are covered with an additional five weeks to complete five progressively difficult cost estimates. The student receives a variety of quizzes based on the area of study and must pass a final exam to successfully complete this course. All students who successfully complete any area of study with receive our company certification.</p> <p>In addition to paying the class enrollment fee, the student will be required to purchase additional study materials from our student store.</p>

Class Schedule	
Your Day & Time Will Vary Based on Month	<p>Class 1 General Basics: What do we find in the civil set? Specifications - Review for each sheet in the set</p> <p>Class 2 The Topographic Survey Plan Overall survey and boundary – What are we looking at and why? Symbols – How items are represented How demolition is represented The Site Preparation Plan – Take Offs & Pricing Project Phases</p>

Demolition

Reading and interpreting scaled excavation plans

Class 3

Erosion Plan – Take Offs & Pricing

Symbols – How items are represented

Construction entrance

What is on an erosion plan?

Inlet protection

Sediment basin

Stock plies

Silt fences

Rock Socks

Erosion control bails

Quiz 1

Class 4

Concrete/Asphalt Take Offs & Pricing

Symbols – How items are represented

Concrete – Driveways, Sidewalks, curbs, gutters

Asphalt – Roads, Highways, Parking Lots

Pavement markings and signs

Quiz 2

Class 5

Site Drainage Take Offs & Pricing

Symbols – How items are represented

Elevation contours

Spot elevations

Existing v. proposed elevations

Cut & Fill calculations

Quiz 3

Class 6

Site Utility Take Offs & Pricing

Symbols – How items are represented

Interpreting elevations

Sanitary sewer

Storm drain
Water Plan & controls
Electrical
Gas
Sanitary manholes
Fire Controls – Hydrants
Underground storage facilities
Quiz 4

Class 7

Landscape/Irrigation Take Offs & Pricing
Symbols – How items are represented
Site layout
Site material
Grading plan
Planting plan
Irrigation plan
Quiz 5

Class 8

Formatting Excel
How to use Excel and edit your form
What should they see and not see on your estimate?
Quiz 6

The final will be available one week after the last quiz graded and returned. The student must pass all quizzes to receive the final.

**The Dates Are Subject to Change
Please confirm your class with our office.**