

EXAMPLES

Note: Level 2 tasks = level 1 tasks + additional tasks.

Level 3 tasks = level 1 tasks + level 2 tasks + additional tasks.

Level 4 tasks = level 1 tasks + level 2 tasks + level 3 tasks + additional tasks.

Example 1a (fixed):

Client place student on site to work as Clerk of Works to gain experience on 5 month project.

Enrol for level 1 Seal course; cost R16 170; total estimate hours to complete = 89 h.

Sessions with mentor = 89hours / 4 = 22 sessions. (4 hours work = one 15min Mentor session).

Minimum 22 sessions / 5 months = 4,4 sessions / month, thus 1 session per week.

Course need to be completed in 5 months, or shorter period.

Example 2a (fixed):

Contractor enrol Assistant Site Agent on level 3 for 8 courses on 12 month contract.

No.	Ref	Course	Amount	Hours to complete
1	PP1	Project and persons	R4 120	27
2	SA1	Site setup and Admin	R16 870	95
3	QC1	Quality Control	R6 690	41
4	EW1	Earthworks	R22 380	132
5	PL1	Pavement layers	R31 570	200
6	AP1	Asphalt	R23 740	136
7	FN1	Finance	R9 080	51
8	SM1	Site Management	R10 330	60
Total			R124 780	740 hours

Sessions with mentor 740 hours / 4 = 185 sessions. (4 hours work = one 15min Mentor session)

Minimum 185 sessions / 12 months = 15 / month or 15 / 4 = 4 session / week (Mo, Tue, We, Th)

Cost R124 780

Enrolled courses to be completed in fixed time period and all elective assignments need to be completed. Mini certificates are obtained after completing each course.

Example 2b (flexible):

Contractor enrol Assistant site agent for level 3 on 8 courses as above, but after 8 months was promoted to Site Agent and worked on another project for 12 months; level 4.

Option 2 is monthly cost and any level could be done on any project. 50% of elective tasks need to be completed to obtain a mini certificate.

Level 3: Fundamental tasks 301 hours, electives tasks 439 hours.

Required for level 3 certificate: Fundamentals + 50% electives = 301 + 439 x 50% = 521 hours.

Sessions with mentor 521 hours / 4 = 130 sessions. (4 hours work = one 15min session)

Minimum 130 sessions / 12 months = 10,8 / month or 10,8 / 4 = 2,7 session / week

Enrol for monthly subscription of 4 sessions / week = R12 340 / month

Period = 130 sessions / 4 sessions/week / 4 weeks/month = 8 months

Cost R12 340 x 8 months = R98 720 (thus 31% less than option 1)

Upgrade to level 4

Level 4: Fundamental tasks 426 hours, electives tasks 599 hours.

Required for level 4 certificate: Fundamentals + 50% electives = 426 + 599 x 50% = 726 hours.

Additional tasks for level 4 on 8 courses = 726 – 521 = 205 hours.

Additional sessions with mentor 205 hours / 4 = 51 sessions. (4 hours work = one 15min Mentor session)

Period = 51 sessions / 4 sessions/week / 4 weeks/month = 3 months

Total time to complete level 4: 8 months + 3 months = 11 months

Cost level 4 for 8 courses R12 340 x 11 months = R135 340 (thus 31% less than option 1)

Mini Certificates

Mini Certificates for each course (total 21 courses) are obtained by successful completion of all fundamental tests, assignments and practicals plus the required elective tasks.



Major Certificates

Major Certificates are obtained when 20 road construction modules/courses are completed. For level 2 to level 4, fundamental tasks need to be repeated on other projects. Each project have different materials, team dynamic and environment. e.g. Level 4 assignment to investigate asphalt failure need to be submitted on 4 projects. The answer for each project will be different.

Requirements for Major Certificates:

Levels	Major Certificate	Projects	Hours
Level 1	Profile of Evidence	1	1 200
Level 2	Competency Certificate	2	2 400
Level 3	Advance Certificate	3	3 600
Level 4	Master certificate	4	4 800

