

THE ASSOCIATION OF SOUTH AFRICAN QUANTITY SURVEYORS

PERCEIVED SHORTCOMINGS OF GRADUATE QUANTITY SURVEYORS

UNIVERSITY GRADUATES

A SURVEY CONDUCTED AMONG PRACTISING FIRMS

NOTE:
Please submit the completed response back to the offices of the ASAQS in whatever form is most convenient :
* Facsimile : (011) 315 3785 , or
* Post : P.O. Box 3527. HALFWAY HOUSE. 1685, or
* E-mail : association@asaqs.co.za

On a scale of 1 to 10 (1 being the lowest / poorest score and 10 being the highest / best rating you can support), kindly indicate your opinion as to the adequacy / competency of recently **UNIVERSITY** graduated candidate quantity surveyors that you have employed

1.0 Technical ability

Knowledge of the Standard System of Measurement (units of measurement, order of items, etc)	
Ability in respect of preparing / using "Take-Off Lists"	
Ability to measure quantities on site	
Ability to measure quantities off drawings	
Ability to measure directly into a computerised bill production package	
Ability to produce bill descriptions that are correct	
Understanding of Building Technology (how a building is built)	
Understanding of Building Services	
Ability to produce Estimates of Cost (square meter, elemental, rough quantities)	
Overall knowledge and understanding of "What a Quantity Surveyor does"	

2.0 Professional ability

2.1 Management

Knowledge of professional fee calculations and invoicing	
Ability to administer a contract (payment valuations, cost reports, etc)	
Managing a professional office	
Negotiation skills	
Understanding / producing income and expenditure cashflows for a professional office	

2.2 Contract Agreements

Knowledge of the most frequently used forms of contract (JBCC)	
Knowledge of the less frequently used forms of contract (NEC, FIDIC, GCC)	
Understanding as to how the various agreements (Principal vs N/S) relate to each other	

2.3 Building finance

Knowledge and ability to produce project cashflows (construction costs, fees, etc)	
Understanding of cost of capital (interest on cashflows)	
Working knowledge of feasibility / viability studies	
Ability to produce / understanding of a complete project Cost Plan	
Knowledge of rentals, land values, etc in their local environment	
Understanding property valuation methodology	

2.4 Communication skills

Ability to express oneself (that gives the listener the confidence in the opinion expressed)	
Ability to write letters, emails, faxes in good language and spelling	
Ability to present reports to clients and professional team	

On a scale of 1 to 10 (1 being the least agreement and 10 being the highest agreement), would you agree that your responses given above are as a result of one of the following?:

- Your own expectations are unrealistic?
- Your own lack of knowledge of the present-day tertiary education structure and course content?
- The students are not required to undergo sufficient practical on-the-job training?
- Government has placed unrealistic limitations on the institutions?
- Prospective QS students need to be professionally screened to determine their aptitude for this career prior to being allowed to commence their studies?
- Staffing at the institutions is inadequate in respect of quality (qualifications) and quantity (staff shortages)?
- Relevance of the course content offered by the institutions?
- The expectations of the graduates are unrealistic in terms of remuneration?
- The understanding of the graduates are unrealistic in terms of their own ability?
- As a practitioner, you have a responsibility to provide adequate post-graduate training?
- As a practitioner, you do not have the staff or the capacity to provide adequate post-graduate training?

Finally, kindly indicate, in your own words and in order of importance, what minimum aspects (basic skills) of a professional quantity surveying service you would expect a **University** graduate to be able to undertake unaided (but subject to checking) when he / she has completed his / her diploma / degree?

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3.0 General Demographics

3.1 In which Chapter is your firm based ?
(restricted to one of the 9 traditional Chapters regions)

3.2 What tertiary institution are the students referred to mainly sourced from ?
(state the University)

4.0 Name of Respondent/Practice (Optional)

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Contact Telephone Number

Date

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THE ASSOCIATION OF SOUTH AFRICAN QUANTITY SURVEYORS

PERCEIVED SHORTCOMINGS OF GRADUATE QUANTITY SURVEYORS

UNIVERSITY OF TECHNOLOGY GRADUATES

A SURVEY CONDUCTED AMONG PRACTISING FIRMS

NOTE:

Please submit the completed response back to the offices of the ASAQS in whatever form is most convenient :

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- * Post : P.O.Box 3527. HALFWAY HOUSE. 1685, or
- * E-mail : association@asaqs.co.za

On a scale of 1 to 10 (1 being the lowest / poorest score and 10 being the highest / best rating you can support), kindly indicate your opinion as to the adequacy / competency of recently **University of Technology** (formerly Technikon) graduated candidate quantity surveyors that you have employed

1.0 Technical ability

Knowledge of the Standard System of Measurement (units of measurement, order of items, etc)	<input type="text"/>
Ability in respect of preparing / using "Take-Off Lists"	<input type="text"/>
Ability to measure quantities on site	<input type="text"/>
Ability to measure quantities off drawings	<input type="text"/>
Ability to measure directly into a computerised bill production package	<input type="text"/>
Ability to produce bill descriptions that are correct	<input type="text"/>
Understanding of Building Technology (how a building is built)	<input type="text"/>
Understanding of Building Services	<input type="text"/>
Ability to produce Estimates of Cost (square meter, elemental, rough quantities)	<input type="text"/>
Overall knowledge and understanding of "What a Quantity Surveyor does"	<input type="text"/>

2.0 Professional ability

2.1 Management

Knowledge of professional fee calculations and invoicing	<input type="text"/>
Ability to administer a contract (payment valuations, cost reports, etc)	<input type="text"/>
Managing a professional office	<input type="text"/>
Negotiation skills	<input type="text"/>
Understanding / producing income and expenditure cashflows for a professional office	<input type="text"/>

2.2 Contract Agreements

Knowledge of the most frequently used forms of contract (JBCC)	<input type="text"/>
Knowledge of the less frequently used forms of contract (NEC, FIDIC, GCC)	<input type="text"/>
Understanding as to how the various agreements (Principal vs N/S) relate to each other	<input type="text"/>

2.3 Building and Property Development

Knowledge and ability to produce project cashflows (construction costs, fees, etc)	<input type="text"/>
Understanding of cost of capital (interest on cashflows)	<input type="text"/>
Working knowledge of feasibility / viability studies	<input type="text"/>
Ability to produce / understanding of a complete project Cost Plan	<input type="text"/>
Knowledge of rentals, land values, etc in their local environment	<input type="text"/>
Understanding property valuation methodology	<input type="text"/>

2.4 Communication skills

Ability to express oneself (that gives the listener the confidence in the opinion expressed)	<input type="text"/>
Ability to write letters, emails, faxes in good language and spelling	<input type="text"/>
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|--|--|
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| The students are not required to undergo sufficient practical on-the-job training? | |
| Government has placed unrealistic limitations on the institutions? | |
| Prospective QS students need to be professionally screened to determine their aptitude for this career prior to being allowed to commence their studies? | |
| Staffing at the institutions is inadequate in respect of quality (qualifications) and quantity (staff shortages)? | |
| Relevance of the course content offered by the institutions? | |
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| As a practitioner, you have a responsibility to provide adequate post-graduate training? | |
| As a practitioner, you do not have the staff or the capacity to provide adequate post-graduate training? | |

Finally, kindly indicate, in your own words and in order of importance, what minimum aspects (basic skills) of a professional quantity surveying service you would expect a **University of Technology** graduate to be able to undertake unaided (but subject to checking) when he / she has completed his / her diploma / degree?

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3.0 General Demographics

3.1 In which Chapter is your firm based ?
(restricted to one of the 9 traditional Chapters regions)

3.2 What tertiary institution are the students referred to mainly sourced from ?
(state the University of Technology)

4.0 Name of Respondent/Practice (Optional)

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Contact Telephone Number

Date

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