

# Supply Chain Management Degree and Certificate Programs: A Landscape Analysis of African-based Offerings

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Parker S. Chastain, MPH  
Erin L. Hasselberg, MS

November 2016

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## Acronyms

MIT	Massachusetts Institute of Technology
CTL	Center for Transportation and Logistics
SCALE	Centers for Supply Chain and Logistics Excellence
PtD	People that Deliver
RHSC	Reproductive Health Supply Coalition
THE	<i>Times Higher Education</i>
ESAMI	Eastern and Southern Africa Management Institute
MBA	Masters of Business Administration
TELM	Transport Economics and Logistics
Bcom	Bachelor of Commerce
BComHon	Bachelor of Commerce Honors
Btech	Bachelor of Technology
PSM	Procurement and Supply Management

## Acknowledgements

The author would like to thank the following key informants for their contribution to the analysis and their efforts in advancing supply chains across the globe: People that Deliver Board; Jenny Froome, General Manager, SAPICS-South Africa; and Abre Van Buuren, Manager Training, Imperial Health Sciences.

### **About MIT's Center for Transportation and Logistics**

For more than four decades, the MIT Center for Transportation & Logistics (MIT CTL) has been a world leader in supply chain management education and research. MIT CTL has made significant contributions to supply chain logistics and has helped numerous companies gain competitive advantage from its cutting-edge research. The MIT Center for Transportation & Logistics is a dynamic solutions-oriented environment where students, faculty, and industry leaders pool their knowledge and experience to advance supply chain education and research. MIT CTL:

- Coordinates more than 100 supply chain research efforts across the MIT campus and around the world
- Educates students and corporate leaders in the essential principles of supply chain management
- Helps organizations increase productivity and decrease their economic and environmental impact

### **About MIT's Humanitarian Response Lab**

The mission of the MIT Humanitarian Response Lab is to help meet human needs by understanding and improving the supply chain systems behind public services and private markets. Based within the MIT Center for Transportation and Logistics, the Lab combines MIT expertise in engineering, management, technology, economics, urban studies & planning and other disciplines to drive practical innovation for humanitarian interventions. The lab has a diverse portfolio of projects to improve response operations during humanitarian crises and to enable development of resilient supply chains for global health and food security.

### **About the People that Deliver Initiative**

People that Deliver is a global partnership whose mission is to build global and national capacity to implement evidence-based approaches to plan, finance, develop, support and retain the national workforces needed for the effective, efficient and sustainable management of health supply chains.

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## Introduction

Supply chain management is a growing industry where demand for supply chain professionals has outweighed supply<sup>i</sup>. Given this demand, academic programs (undergraduate, graduate, post-graduate) as well as professional certifications (e.g. CSCP, CPSCM, CPIM) in supply chain management are growing in number. The Massachusetts Institute of Technology (MIT) in Cambridge, MA, USA, currently hosts the number one-ranked Supply Chain Management Master's Degree program in the United States<sup>ii</sup>, and its Center for Transportation and Logistics<sup>iii</sup> (MIT CTL) has created a network of Centers for Supply Chain and Logistics Excellence (SCALE)<sup>iv</sup> in six different countries around the world. These centers are a collaboration between country governments and MIT CTL and are a unique model for furthering research, education, and practice in supply chain management. People that Deliver is a global initiative whose mission is to build global and national capacity to implement evidence-based approaches to plan, finance, develop, support and retain the national workforces needed for the effective, efficient and sustainable management of health supply chains.

In an effort to understand the breadth and depth of current academic offerings in supply chain management in Africa, People that Deliver and MIT CTL collaborated to complete a rapid landscape of current educational offerings (degree and certificate programs) in supply chain management, including health supply chain management. This landscape is a more specific and also wider analysis of the current offerings on the LAPTOP platform site<sup>v</sup>, a supply chain course search engine developed by John Snow, Inc., and hosted by the Reproductive Health Supplies Coalition.

This landscape analysis will be a useful resource for People that Deliver and affiliated networks, such as the International Association of Public Health Logisticians<sup>vi</sup> and African Resource Centers funded in part by the Gates Foundation, would benefit from having a ready list of available educational and training activities offered by African-based institutions. Additionally, the landscape will highlight both current strengths and future opportunities for growth in this area of academic training.

## Objective

The objective of this landscape analysis is to provide information on the availability of supply chain management educational programs based in Africa and offered by African academic institutions in order to inform strategic decisions on possible establishment or support of supply chain centers of excellence on the continent.

## Methodology

The research methodology of this landscape analysis included web-based research around a set of key words (See Box 1). This key word list was developed in collaboration with MIT CTL and PtD. Any degree or certificate program identified in Africa was then compared to a set of inclusion criteria (See Box 2) to determine if the program fit the author-defined criteria. The criteria that the authors developed is what sets this analysis apart from other listings. The study looked specifically at academic degree and certificate programs offered by African-based institutions. Authors sorted the collected data into an Excel® Workbook and provided the following information about each program:

- Country, Academic/Training Institution,
  - Type of Institution,
  - Title of Program,
  - Degree/ Program offered,
-

- Program Length,
- Location/Modality,
- City, and
- Website.

In addition to open/blanket web research, the authors selected a few websites on which to focus their search initially as some of this data has been previously compiled (i.e. the RHSC's LAPTOP). See Table 1 for data source listing.

### Box 1: Key Words List

- Logistics
- Supply Chain
- Supply Chain Management
- Operations Management
- Procurement
- Distribution
- Warehouse/Warehousing
- Health Supply Chain
  - Short Course
  - Short Programme
  - Bachelors Commerce Honors
  - Bachelors Degree
  - Masters Degree

### Box 2: Inclusion Criteria

- Complete certificates, degrees, or short courses operated out of academic, academically-affiliated training institutions, and training institutes based in Africa
- Courses/certificates must be 5 days or more
- Courses/certificates must focus on Logistics and Supply Chain Management and/or Operations Management; health can be a component but not required in this search.

Table 1: Data Sources

Source	Notes
<i>Times Higher Education (THE) World University Rankings</i>	<ul style="list-style-type: none"> <li>• Data reveal the top 15 universities in Africa (that participated in <i>THE</i> Rankings).</li> <li>• From note, also added the University of Johannesburg</li> <li>• <a href="https://www.timeshighereducation.com/world-university-rankings/best-universities-in-africa-2016">https://www.timeshighereducation.com/world-university-rankings/best-universities-in-africa-2016</a></li> </ul>
RHSC LAPTOP tool	<ul style="list-style-type: none"> <li>• RHSC has compiled "Logistics and Professional Training Opportunities" database on a variety of SCM training offerings around the world.</li> <li>• <a href="http://www.rhsupplies.org/activities-resources/tools/laptop/">http://www.rhsupplies.org/activities-resources/tools/laptop/</a></li> </ul>
The African Economist	<ul style="list-style-type: none"> <li>• Data reveal the top 10 business schools in Africa</li> <li>• <a href="http://theafricaneconomist.com/africas-top-10-business-schools/#.V17SY5MrLMU">http://theafricaneconomist.com/africas-top-10-business-schools/#.V17SY5MrLMU</a></li> </ul>
Educations.com	<ul style="list-style-type: none"> <li>• International degree search engine</li> <li>• <a href="http://www.educations.com/search/supply-chain-management-africa/c692-d24">http://www.educations.com/search/supply-chain-management-africa/c692-d24</a></li> </ul>
MasterStudies.com	<ul style="list-style-type: none"> <li>• International degree search engine</li> <li>• <a href="http://www.masterstudies.com/MSc/Supply-Chain-Management/Africa/">http://www.masterstudies.com/MSc/Supply-Chain-Management/Africa/</a></li> </ul>

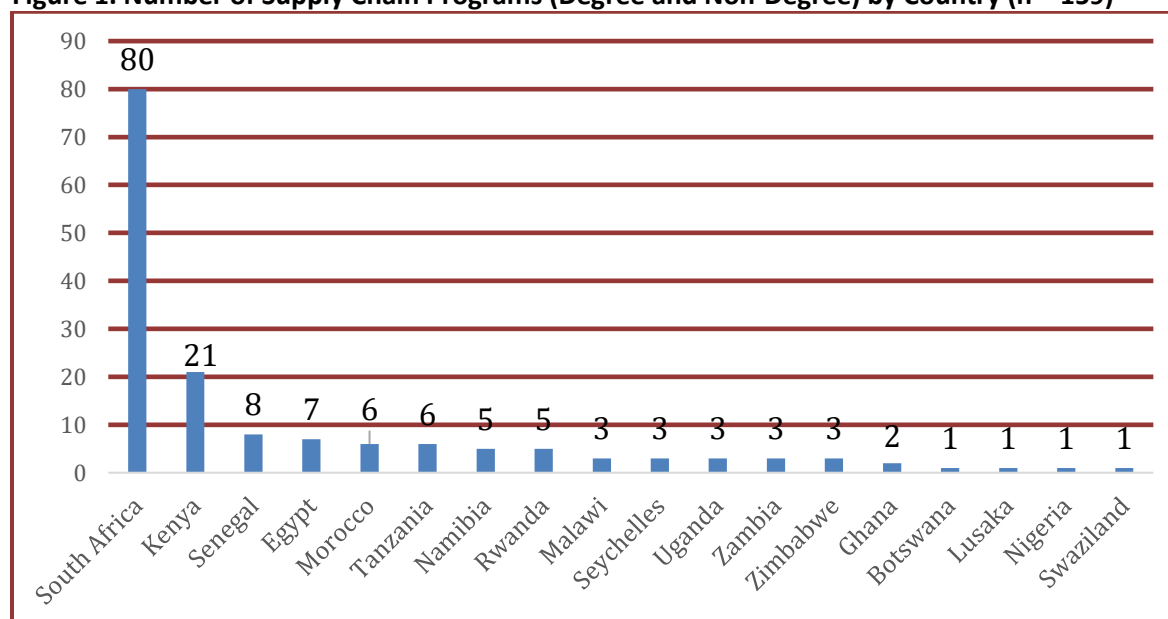


Blanket Google Search	<ul style="list-style-type: none"> <li>• <a href="https://www.google.com/search?q=supply+chain+management+degree+africa&amp;biw=1269&amp;bih=928&amp;ei=TJlpV8vrMISo-QHq84fYAQ&amp;start=40&amp;sa=N&amp;cad=cbv&amp;bvch=u&amp;sei=2q1uV7KSJYWw-QHn5ZKgDQ">https://www.google.com/search?q=supply+chain+management+degree+africa&amp;biw=1269&amp;bih=928&amp;ei=TJlpV8vrMISo-QHq84fYAQ&amp;start=40&amp;sa=N&amp;cad=cbv&amp;bvch=u&amp;sei=2q1uV7KSJYWw-QHn5ZKgDQ</a></li> <li>• A broad search was performed using the key terms list</li> <li>• The search was performed until a saturation point was reached in which no new programs were found in Africa</li> </ul>
Association of African Business Schools	<ul style="list-style-type: none"> <li>• Searched member and accredited schools used</li> <li>• <a href="http://www.aabschools.com/directory/schools.html">http://www.aabschools.com/directory/schools.html</a></li> </ul>

## Results

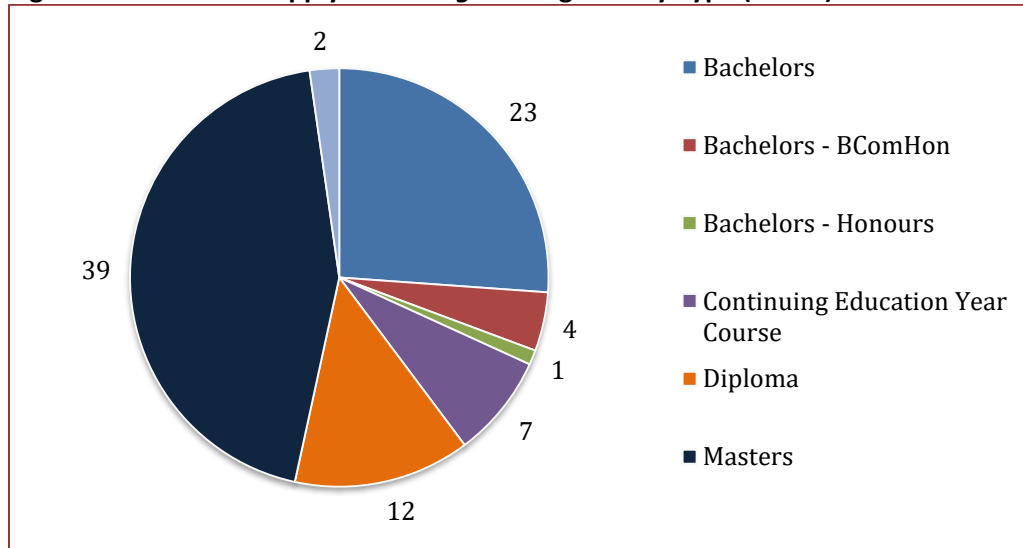
The analysis found a total of 159 supply chain degree or certificate programs being offered at the time of this study (June-September 2016) by African-based institutions. A majority of programs found (80 of 159) were located in South Africa. A complete breakdown of number of programs by country can be seen in **Figure 1**.

**Figure 1. Number of Supply Chain Programs (Degree and Non-Degree) by Country (n = 159)**



Of these 159 offerings, 88 were degree programs that included Diploma, Bachelors, Masters, Continuing Education, and Ph.D (**Figure 2**). Additional detail on location and duration of the different degree programs can be found in **Table 2**. Of the 159 offerings, 71 were short courses and additional detail on those can be found in **Table 3**. The length of the degree programs varied from one year to three years, and the short courses varied from five days to 14 weeks (**See Annex for more detailed information**).

**Figure 2. Number of Supply Chain *Degree* Programs by Type (n = 88)**



**Table 2: Supply chain management degree programs offered by academic institutions in Africa (in alpha order by country)**

Country	Academic Institution	Type of Institution	Title of Program	Degree Offered
Botswana	University of Botswana	Academic Institution	Bachelor of Business Administration (Logistics and Supply Chain Management)	Bachelors
Egypt	American University in Cairo	Academic Institution	Professional Postgraduate Diploma in Supply Chain Management	Diploma
Ghana	Ghana Institute of Management and Public Administration	Academic Institution	PhD Theory of Logistics	PhD
Kenya	University of Nairobi	Academic Institution	Diploma in Purchasing and Supplies Management	Diploma
Kenya	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Kenya	Africa Nazarene University	Academic Institution	Bachelor of Science in Procurement and Supply Chain Management	Bachelors

Country	Academic Institution	Type of Institution	Title of Program	Degree Offered
Kenya	Jomo Kenyatta University of Agriculture and Technology	Academic Institution	Bachelor of Purchasing and Supplies Management	Bachelors
Kenya	Jomo Kenyatta University of Agriculture and Technology	Academic Institution	Bachelor of Supply Chain Management	Bachelors
Kenya	Jomo Kenyatta University of Agriculture and Technology	Academic Institution	Master of Science in Logistics and Procurement	Masters
Kenya	Technical Institute of Mombasa	Academic Institution	Master of science in Procurement and Supply Chain Management	Masters
Kenya	Technical Institute of Mombasa	Academic Institution	Bachelor of Commerce in Procurement and Logistics and Transportation Management	Bachelors
Kenya	Technical Institute of Mombasa	Academic Institution	Diploma in Procurement and Materials Management	Diploma
Kenya	Technical Institute of Mombasa	Academic Institution	International Diploma in Logistics and Transport Management	Diploma
Kenya	Technical Institute of Mombasa	Academic Institution	Diploma in Logistics and Transport Management	Diploma
Kenya	Technical University of Kenya	Academic Institution	Bachelor of Commerce in Logistics and Supply Chain Management	Bachelors
Kenya	Multimedia University of Kenya	Academic Institution	Bachelor of Procurement and Logistics Management	Bachelors
Kenya	Egerton University	Academic Institution	Bachelor of Purchasing and Supplies Management	Bachelors

Country	Academic Institution	Type of Institution	Title of Program	Degree Offered
Kenya	Egerton University	Academic Institution	Diploma in Purchasing and Supplies Management	Diploma
Kenya	Mount Kenya University	Academic Institution	Master of science in Procurement and Supplies Management	Masters
Kenya	Mount Kenya University	Academic Institution	Diploma in Purchasing and Procurement Management	Diploma
Lusaka	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Malawi	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Malawi	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Malawi	Malawi Institute of Management	Academic Institution	Master of Science in Supply Chain Management	Masters
Morocco	Al Akhawayn University	Academic Institution	Master of Science in Logistics and Supply Chain Management	Masters
Morocco	SUP'MANAGEMENT Universite Intercontinentale Libre	Academic Institution	Bachelors: Logistics and Transport Concentration	Bachelors
Morocco	SUP'MANAGEMENT Universite Intercontinentale Libre	Academic Institution	Masters: Logistics and Transport Management	Masters
Morocco	ESCA Ecole de Management	Academic Institution	Master Achats & Logistique (Purchasing and Logistics)	Masters

Country	Academic Institution	Type of Institution	Title of Program	Degree Offered
Morocco	Groupe ISCAE	Academic Institution	Master of Global Purchasing and Logistics	Masters
Morocco	Groupe ISCAE	Academic Institution	MBA Marketing-Management of Health and Health Products	Masters
Namibia	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Namibia	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Namibia	Namibia University of Science and Technology	Academic Institution	Master of Logistics and Supply Chain Management	Masters
Namibia	Namibia University of Science and Technology	Academic Institution	Bachelors of Logistics Honours	Bachelors - Honours
Namibia	Namibia University of Science and Technology	Academic Institution	Bachelor of Logistics and Supply Chain Management	Bachelors
Nigeria	University of Ibadan	Academic Institution	Master of Engineering Management: Logistics and Supply Chain Management	Masters
Senegal	Sup De Co	Academic Institution	Bachelor in Transport and Logistics	Bachelors
Senegal	Sup De Co	Academic Institution	BTS in Transport and Logistics	Diploma
Senegal	Sup De Co	Academic Institution	Master 1: Transport and Logistics	Masters
Senegal	Sup De Co	Academic Institution	Master 2: Transport and Logistics	Masters
Senegal	Sup De Co	Academic Institution	Master 2: Transport and Regional Planning	Masters
Senegal	Sup De Co	Academic Institution	Master 2: Humanitarian Logistics	Masters

Country	Academic Institution	Type of Institution	Title of Program	Degree Offered
Senegal	Sup De Co	Academic Institution	Master 2: Food Logistics Agra	Masters
Senegal	Sup De Co	Academic Institution	Master in Supply Chain Management	Masters
Seychelles	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Seychelles	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Seychelles	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
South Africa	Stellenbosch University	Academic Institution	Undergraduate Degree Programme: Logistics Management	Bachelors
South Africa	Stellenbosch University	Academic Institution	Postgraduate Degree Programme: Logistics Management (BComHon)	Bachelors - BComHon
South Africa	Stellenbosch University	Academic Institution	Postgraduate Degree Programme: Logistics Management (Masters)	Masters
South Africa	University of KwaZulu-Natal	Academic Institution	Bachelor of Commerce (Honors) in Supply Chain Management	Bachelors - BComHon
South Africa	University of Pretoria	Academic Institution	Bachelor of Commerce Option: Supply Chain Management	Bachelors
South Africa	University of Pretoria	Academic Institution	MPhil in Business Management Option: Supply Chain Management	Masters
South Africa	University of Pretoria	Academic Institution	Programme in Supply Chain Management for Junior Practitioners	Continuing Education Year Course

Country	Academic Institution	Type of Institution	Title of Program	Degree Offered
South Africa	University of Pretoria	Academic Institution	Advanced Programme in Supply Chain Management for Senior Practitioners	Continuing Education Year Course
South Africa	University of Pretoria	Academic Institution	Executive Programme in Supply Chain Management for Master Practitioners	Continuing Education Year Course
South Africa	University of Pretoria	Academic Institution	Programme in International Freight Management & Administration	Continuing Education Year Course
South Africa	University of Pretoria	Academic Institution	Programme in Production and Operations Management	Continuing Education Year Course
South Africa	University of Pretoria	Academic Institution	Intermediate Programme in Production and Operations Management	Continuing Education Year Course
South Africa	University of Pretoria	Academic Institution	Advanced Programme in Production and Operations Management	Continuing Education Year Course
South Africa	University of South Africa	Academic Institution	Bachelor of Commerce in Supply Chain and Operations Management	Bachelors
South Africa	University of South Africa	Academic Institution	Master of Commerce in Business Management	Masters
South Africa	University of South Africa	Academic Institution	Doctor of Philosophy in Management Studies: Logistics, Transport Economics, Purchasing and Supply Chain	PhD
South Africa	University of Johannesburg	Academic Institution	National Diploma (Logistics)	Diploma

Country	Academic Institution	Type of Institution	Title of Program	Degree Offered
South Africa	University of Johannesburg	Academic Institution	National Diploma (Transportation Management)	Diploma
South Africa	University of Johannesburg	Academic Institution	Bcom Logistics Management	Bachelors
South Africa	University of Johannesburg	Academic Institution	Btech (Logistics Management)	Bachelors
South Africa	University of Johannesburg	Academic Institution	BTech (Transportation Management)	Bachelors
South Africa	University of Johannesburg	Academic Institution	Bachelor of Commerce (Honors) (Transport Economics or Logistics Management)	Bachelors - BComHon
South Africa	University of Johannesburg	Academic Institution	Master of Commerce in Business Management	Masters
South Africa	Management College of Southern Africa	Academic Institution	Bachelor of Commerce in Supply Chain Management	Bachelors
South Africa	Vaal University of Technology	Academic Institution	Bachelor of Technology in Logistics Management	Bachelors
South Africa	Nelson Mandela University of Tomorrow	Academic Institution	National Diploma (Logistics)	Diploma
South Africa	Open Learning Group	Academic Institution	Bachelors of Business Administration Logistics and Supply Chain Management	Bachelors
South Africa	Open Learning Group	Academic Institution	Diploma in Logistics and Supply Chain Management	Diploma
South Africa	North-West University	Academic Institution	Bachelors of Logistics Management	Bachelors
Swaziland	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters



Country	Academic Institution	Type of Institution	Title of Program	Degree Offered
Tanzania	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Tanzania	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Tanzania	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Tanzania	University of Dar es Salaam	Academic Institution	Master of Science in International Transport and Logistics	Masters
Uganda	Makerere University	Academic Institution	Bachelor of Transport and Logistics Management	Bachelors
Uganda	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Zambia	In-Service Training Trust Africa	Academic Institution	Master of Science in Supply Chain Management	Masters
Zambia	The Copperbelt University	Academic Institution	Bachelor of Science in Purchasing and Supply	Bachelors
Zimbabwe	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	MBA in Transport Economics and Logistics Management (TELM)	Masters
Zimbabwe	Chinhoyi University of Technology	Academic Institution	Master of Science in Supply Chain Management	Masters
Zimbabwe	Midlands State University	Academic Institution	Bachelor of Commerce Honours Degree in Retail and Logistics Management	Bachelors - BComHon

Table 3: Supply chain management short courses offered by academic and training institutions in Africa

Country	Academic/Training Institution	Type of Institution	Title of Program
Egypt	American University in Cairo	Academic Institution	Certified Supply Chain Professional
Egypt	American University in Cairo	Academic Institution	Basics of Supply Chain Management
Egypt	American University in Cairo	Academic Institution	Certifications in Supply Chain Management
Egypt	American University in Cairo	Academic Institution	Certificate of Achievement in Supply Chain Management
Egypt	American University in Cairo	Academic Institution	Foundations Certificate in Supply Chain Management
Egypt	American University in Cairo	Academic Institution	Career Certificate in Logistics Management
Ghana	Idilmat: Capacity Development Solutions	Training Institution	Introduction to Public Procurement and Supply Chain Management
Kenya	University of Nairobi	Academic Institution	Certificate in Purchasing and Supplies Management
Kenya	Technical Institute of Mombasa	Academic Institution	Certified Procurement and Supply Chain Professional of Kenya
Kenya	Strathmore School of Business	Academic Institution	Pharmaceutical Commodity Supply Chain Management Program (PharmCom)
Kenya	Mount Kenya University	Academic Institution	Certificate in Purchasing and Supplies Management
Rwanda	University of Rwanda	Academic Institution	Introduction to Procurement Management
Rwanda	University of Rwanda	Academic Institution	Legal and Regulatory Framework for Public Procurement
Rwanda	University of Rwanda	Academic Institution	Logistics and Supply Chain
Rwanda	University of Rwanda	Academic Institution	E-Procurement

Country	Academic/Training Institution	Type of Institution	Title of Program
Rwanda	University of Rwanda	Academic Institution	Emerging Trends in Procurement Management
South Africa	University of Cape Town	Academic Institution	Supply Chain Management online short Course
South Africa	University of Witwatersrand	Academic Institution	Applied Logistics and Supply Chain Management Short Course
South Africa	University of Pretoria	Academic Institution	Contract Management
South Africa	University of Pretoria	Academic Institution	Negotiation Skills
South Africa	University of Pretoria	Academic Institution	Customer Service Excellence
South Africa	University of Pretoria	Academic Institution	Fleet Management
South Africa	University of Pretoria	Academic Institution	Business Process Management
South Africa	University of Pretoria	Academic Institution	Business Process Modeling
South Africa	University of Pretoria	Academic Institution	Hands-on Supply Chain Management
South Africa	University of Pretoria	Academic Institution	Procurement & Materials Management
South Africa	University of Pretoria	Academic Institution	Logistics for Non-Logisticians
South Africa	University of Pretoria	Academic Institution	Hands-on Supply Chain Management (Public sector)
South Africa	University of Pretoria	Academic Institution	PFMA SCM Bid Adjudication Committees
South Africa	University of Pretoria	Academic Institution	Mature demand and supply planning
South Africa	University of Pretoria	Academic Institution	Short Course in Humanitarian Logistics (CHL)
South Africa	University of South Africa	Academic Institution	Course in Introduction to Storage and Inventory Management

[illegible]

Country	Academic/Training Institution	Type of Institution	Title of Program
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Damelin	Training Institution	Short Programme in Procurement and Supply Chain Management
South Africa	Varsity College	Training Institution	Supply Chain & Logistics Management
South Africa	Varsity College	Training Institution	Supply Chain & Logistics Management

Country	Academic/Training Institution	Type of Institution	Title of Program
South Africa	Varsity College	Training Institution	Supply Chain & Logistics Management
South Africa	Varsity College	Training Institution	Supply Chain & Logistics Management
South Africa	Varsity College	Training Institution	Supply Chain & Logistics Management
South Africa	Varsity College	Training Institution	Supply Chain & Logistics Management
South Africa	Varsity College	Training Institution	Supply Chain & Logistics Management
South Africa	Varsity College	Training Institution	Supply Chain & Logistics Management
South Africa	Open Learning Group	Academic Institution	Higher Certificate in Logistics Management
South Africa	S Buys	Training Institution	Overview Supply Chain Management - Deliver Course
South Africa	Africa Supply Chain Academy; Imperial Health Sciences	Training Institution	Warehouse Operations Management Course
South Africa	Africa Supply Chain Academy; Imperial Health Sciences	Training Institution	Executive Public Health Supply Chain Management Programme SA
South Africa	Regent Business School	Academic Institution	Supply Chain Management short Course
Tanzania	Eastern and Southern Africa Management Institute (ESAMI)	Academic Institution	Overview of Supply Chain Management
Tanzania	Eastern and Southern Africa Management Institute (ESAMI)	Training Institution	Overview of Supply Chain Management
Uganda	Makerere University	Academic Institution	Post Graduate Certificate in Procurement and Logistics Management
Zambia	Pharmaceutical Systems Africa	Training Institution	Procurement and Supply Management (PSM) Course for the Uninitiated PSM Consultant/Manager

## Study Limitations

The authors acknowledge the presence of following limitations in this analysis. First, given the rapid nature of this analysis, the research was solely dependent on the online presence of academic or training institutions. If an online presence was not available, the educational offerings were not included in this analysis. Our search mimicked what a potential English-speaking student in Africa might search and thus find in their own search results. Second, the research was conducted in English, any offerings that may have been in another language (i.e. namely French, Portuguese, or Arabic) were not included given the English key words list. Third, non-African based offerings were excluded due to the purpose of the analysis (i.e. even courses offered on the continent but by non-African entities based outside of Africa). Finally, when obtaining background information for this study, it was made known that a few new degree offerings are under development and will be available in the near future. These are not included in this analysis but should be added when they are available.

## Conclusion

As evidenced in Tables 2 and 3, a variety of supply chain management educational programs are available throughout Africa—concentrated in the continent’s economic leaders—by African-based entities. Given the uneven distribution of programs geographically, educational opportunities in supply chain management are less available to those outside of southern Africa. This would require travel and additional expense by participants to travel to southern Africa to obtain their desired training.

It was also found that there are many private partnerships that are not based in Africa, but joint ventures from outside universities and training institutions (e.g. CILT/CIPS training programs, NGO-based trainings, etc.). The exclusion of these programs allows for a clearer picture of the autonomy of African institutions on supply chain education that is tailored to their particular needs.

Moving forward, these findings should be reviewed, expanded upon, and validated by major supply chain stakeholders on the continent, including SAPICS, the South African APICS supply chain management professional association<sup>vii</sup>. These validated findings should be considered during discussions among country and regional leaders, international partners, global initiatives prior to investing in additional supply chain educational initiatives.

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## Annex

### Workbook 1. Complete Landscape Analysis



Microsoft Excel 97 - 2004  
Sheet

## References

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- <sup>i</sup> <http://fortune.com/2014/05/01/wanted-1-4-million-new-supply-chain-workers-by-2018/>
  - <sup>ii</sup> <http://news.mit.edu/2016/us-news-top-rankings-mit-graduate-programs-engineering-business-0316>
  - <sup>iii</sup> [wwwctl.mit.edu](http://wwwctl.mit.edu)
  - <sup>iv</sup> [wwwscale.mit.edu](http://wwwscale.mit.edu)
  - <sup>v</sup> <http://www.rhsupplies.org/activities-resources/tools/laptop>
  - <sup>vi</sup> [www.iaphl.org](http://www.iaphl.org)
  - <sup>vii</sup> <http://www.sapics.org>
-