

**Middle Georgia State University
Chattahoochee Technical College
Course Articulation Agreement
January 25, 2016**

Middle Georgia State University and Chattahoochee Technical College agree as follows:

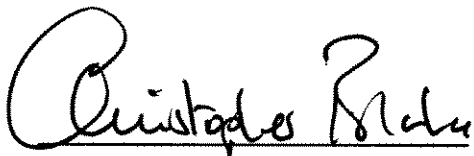
1. **Purpose:** The two institutions are entering into a Course Articulation Agreement to assist and promote the transferability in the Logistics and Supply Chain Management programs between the two institutions.

2. **Terms** Terms of the Agreement will be effective January 25, 2016. Either Party may terminate this Agreement upon giving written notice to the other party. Such notice must be given one full semester prior to the Agreement being cancelled.

3. **Conditions** The attachment lists the courses in the A.A.S. Logistics and Supply Chain Management program that will transfer from Chattahoochee Technical College to Middle Georgia State University. This Agreement assures the acceptance of the courses as listed in the Attachments by Middle Georgia State University.

Middle Georgia State University
100 University Parkway
Macon, GA 31206

Chattahoochee Technical College
980 South Cobb Drive
Marietta, GA 30060



Dr. Christopher Blake



Ron Newcomb, Ed.D.

Date: February 16th, 2016

Date: April, 20, 2016

Articulation Agreement between Middle Georgia State University (MGA) and Atlanta Technical (ATC) for BS in Logistics Management

* Explanation of specific course articulations between the two institutions

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2/12/16

Area F 'Major Requirements'

MGA - AMGT 2301 Introduction to Logistics

Course Description for AMGT 2301: This course is designed to give an overview of logistics including critical elements and systems which drive accuracy and decision making at all levels of management. Lecture/Lab Hours: Three hours per week.

ATC – SCMA 1003 Introduction to Transportation & Logistics AND SCMA 2103 Supply Chain Management Concepts

Course Description for SCMA 1003: Businesses today cannot be competitive without a good transportation and logistics network. This course introduces the five basic forms of transportation and provides an understanding of the economic fundamentals underlying each mode. Students then discuss ways in which today's supply chain manager can use these transportation modes to achieve efficiencies and cost effectiveness necessary for a company to survive in today's global markets. Lecture/Lab Hours: Three hours per week.

Course Description for SCMA 2103: Logistics and Supply Chain Management today represents a great challenge as well as a tremendous opportunity for most firms. This course will view the supply chain from the point of view of a front-line supervisor. Logistics and Supply Chain Management is all about managing hand-offs in a supply chain, hand-offs of either information or product. Phrases like logistics management, supply chain management and demand chain management will be used interchangeably in order to provide an understanding on how logistical decisions impact the performance of the firm as well as the entire supply chain. Lecture/Lab Hours: Three hours per week.

The combination of ATC's SCMA 1003 Introduction to Transportation & Logistics AND SCMA 2103 Supply Chain Management Concepts satisfies the 'Student Learning Outcomes' for MGA's AMGT 2301 Introduction to Logistics:

1. Demonstrate a knowledge of the value of logistics in our economy
 2. Demonstrate a knowledge of the dynamics of logistics' role within supply chain management
 3. Demonstrate a knowledge of the company micro impacts of logistics on finance and marketing
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Chattahoochee Technical College and Middle Georgia State University Articulation

MGA transfer equivalents are shown on right of each Chattahoochee Technical College Course
 * Accepted coursework between USG and TCSG

(K) 2/12/14

Chattahoochee Technical College Equivalent		Middle Georgia State University Requirement	
Chattahoochee Technical College Equivalent		MGA Equivalent for BSASM in Logistics Management	
<i>Area A – Essential Skills - 6 hours</i>	<i>Cr. Hrs.</i>	<i>Area A – Essential Skills - 9 hours</i>	<i>Cr. Hrs.</i>
A1. Two Composition Courses		A1. Two Composition Courses	
ENGL 1101* Composition and Rhetoric	3	ENGL 1101 Composition I	3
		ENGL 1102 Composition II	3
A2. One Mathematics Course		A2. One Mathematics Course	
MATH *1111 - College Algebra	3	Area A Math	3
Total for Area A	6	Total for Area A (9 Cr required)	9
Area A short by 3 credit hours			
<i>Area B – Institutional - 0 hours</i>	<i>Cr. Hrs.</i>	<i>Area B – Institutional 4 hours</i>	<i>Cr. Hrs.</i>
		Area B Elective	4
Total for Area B	0	Total Area for B (4 Cr required)	4
Area B short by 4 credit hours			
<i>Area C – Humanities - 3 hours</i>	<i>Cr. Hrs.</i>	<i>Area C – Humanities - 6 hours</i>	<i>Cr. Hrs.</i>
One Humanities/Fine Arts/Literature from among:		C1. One Literature, Philosophy, or Foreign Language from among	
ARTS 1101, ENGL 2130, HUMN 1101, MUSC 1101, ENGL 2110, THEA 1101	3	ENGL 2110 World Literature	3
		C2. One Fine Arts or Intermediate foreign Course from among	
		Area C Elective)	3
Total for Area C	3	Total for Area C (6 Cr required)	6
Area C short by 3 credit hours			
<i>Area D – Natural Sciences, Mathematics and Technology - 0 hours</i>	<i>Cr. Hrs.</i>	<i>Area D – Natural Sciences, Mathematics and Technology – 11 hours</i>	<i>Cr. Hrs.</i>
D1. Science (Non-Science Majors)		D1. Science (Non-Science Majors)	
		CHEM 1211 Chemistry I w/Lab	4
		BIOL 1111 Biology I w/Lab	4
D2. Science, Math or Technology		D2. Science, Math or Technology	
		Area D Elective	3
Total for Area D	0	Total for Area D (11 Cr required)	11
Area D short by 11 credit hours			
<i>Area E – Social Sciences - 3 hours</i>	<i>Cr. Hrs.</i>	<i>Area E – Social Sciences 12 hours</i>	<i>Cr. Hrs.</i>

<u>Chattahoochee Technical College</u> <u>Equivalent</u>		<u>Middle Georgia State University</u> <u>Requirement</u>	
One Social/Behavioral Sciences from among: HIST 1111, HIST 1112, HIST 2111, HIST 2112, POLS 1101*, POLS 2401, PSYC 1101*, SOCI 1101*, **ECON 2105, **ECON 2106 (** If ECON 2105 or ECON 2106 is chosen, it will be counted for in Area F Lower Division Major Requirements, not Area E)	3	E1. One American Government Course POLS 1101 American Government	3
		E2. One World History Course from Among	
		Global Elective	3
		E3. One American History Course from Among	
		HIST 2111 United States History to 1865	3
		E4. One Behavioral Sciences Course from Among	
		Area E Elective (PSYC 1101)	3
Total for Area E	3	Total for Area E (12 Cr required)	12
Area E short by 9 credit hours			
Occupational Courses	Cr. Hrs.	Area F Major – (78 Cr Required)	Cr. Hrs.
		All courses require a C or better	
*(See note in Area E concerning ECON 2105 or ECON 2106)	0	Area F – Lower Division Major (18 Cr required)	18
Total for MGA's equivalent for Areas A-E	12	Totals for Areas A-E	42
	0	Area F –Major Core Requirements (12 Cr required)	12
		Area F –Major Requirements (27 Cr required)	27
LOGI 1000 Business Logistics	3	AMGT 2301 Intro to Logistics	3
MGMT 2120 Labor Management Relations	3	AMGT 3200 Globalization and HRM	3
LOGI 1010 Purchasing LOGI 1020 Materials Management	3	AMGT 3114 Purchasing and Materials Management	3
SCMA 1000 Intro to Supply Chain Mgt. SCMA 1003 Intro to Transportation and Logistics Mgt. SCMA 2103 Supply Chain Management Concepts	3	AMGT 4302 Supply Chain Management	3
SCMA 1015 E-Commerce in Supply Chain Mgt. SCMA 2106 Key Issues in the Global Integrated Supply Chain SCMA 2200 Capstone/Case Studies in Logistics Mgt.	3	AMGT 4304 International Supply Chain Mgt.	3
		Area F - Electives (21 Cr required)	21
ACCT 1100 Financial Accounting I ACCT 1120 Spreadsheet Applications	3	Area F Elective - ACCT 2101 Principles of Accounting I	3
MGMT 1100 Principles of Management MKTG 1130 Business Regulations and Compliance	3	Area F Elective - AMGT 3141 Fundamentals of Management	3

<u>Chattahoochee Technical College</u> <u>Equivalent</u>		<u>Middle Georgia State University</u> <u>Requirement</u>	
ECON 1101 Principles of Economics (same as >)	3	ECON 1101 Survey of Economics	3
		Additional Area F Electives	12
Total For Occupational Courses articulated	24	Total for Area F (78 Cr required)	78
Area F short by 54 credit hours			
Total Hours Articulated from Chattahoochee Technical College to MGA	36	Remaining Hours for Chattahoochee Technical College to complete BS degree	84

Note: Students must complete the Chattahoochee Technical College Associate of Applied Science in Logistics and Supply Chain Management with a 2.0 cumulative GPA in order to be accepted.

Credit Hours to be taken at MGA:

Area A Essential Skills	3 hours
Area B Elective (Institutional)	4 hours
Area C Humanities	3 hours
Area D Elective (Math/Science)	11 hours
Area E Social Sciences	9 hours
Area F Major	<u>54 hours</u>
Total Credit Hours to be Taken at MGA	84 hours

Articulation Agreement between Middle Georgia State University (MGA) and Chattahoochee Technical College (CTC) for BS in Logistics Management

*** Explanation of specific course articulations between the two institutions**

Area F 'Major Requirements'

MGA - AMGT 2301 Introduction to Logistics

Course Description for AMGT 2301: This course is designed to give an overview of logistics including critical elements and systems which drive accuracy and decision making at all levels of management. Lecture/Lab Hours: Three hours per week.

CTC – LOGI 1000 Business Logistics

Course Description for LOGI 1000: Provides a general knowledge of current management practices in logistics management. The focuses of the course will be on planning, organizing, and controlling of these activities, key elements for successful management in any organization. The course will also introduce student to Transport, Inventory, and Location strategies, Customer Service Goals and Organization and Control.

Lecture/Lab Hours: Three hours per week.

CTC's LOGI 1000 Business Logistics satisfies the 'Student Learning Outcomes' for MGA's AMGT 2301 Introduction to Logistics:

1. Demonstrate a knowledge of the value of logistics in our economy
2. Demonstrate a knowledge of the dynamics of logistics' role within supply chain management
3. Demonstrate a knowledge of the company micro impacts of logistics on finance and marketing

MGA - AMGT 3200 Globalization and Human Resource Management

Course Description for AMGT 3200: This course focuses on the organization and human resource changes that have taken place in the international aviation industry in recent years. It provides an analysis of airline and aviation organizations, external relations, internal relations. Changes in industrial relations and human resource management. The foundational concept of the course is the Global concept of the integration of human resource management to diverse aviation operations within worldwide culture exchanges. Lecture/Lab: Three hours lecture per week.

CTC – MGMT 2120 Labor Management Relations

Course Description MGMT 2120: Provides a student with an overview of the relationship of rank and file employees to management in business organizations. The nature of the workplace, the economic foundations of work organizations, and the history of the relationship between management and labor is examined. The course acquaints the student with the principles of developing positive relationships between management and labor within the context of the legal environment governing labor relations. Topics include: the nature of the American workplace; the economic history of business organizations, the historical roots of labor-management relations; adversarial and cooperative approaches to labor

relations; the legal framework of labor relations; employee-employer rights; collective bargaining and union organizing processes; union and nonunion grievance procedures; international labor relations; and the future of labor-management relations in a changing economy. Case studies, readings, and role-plays are used to simulate workplace applications in labor relations.

Lecture/Lab Hours: Three hours per week.

CTC's MGMT 2120 Labor Management Relations satisfies the 'Student Learning Outcomes' for MGA's AMGT 3200 Globalization and Human Resource Management:

1. Identify and explain the unique political and social customs of the various countries in which airlines operations around the world.
2. Interpret and explain the relationships between external relations, internal relations and industrial relations in the Global aviation community.
3. Apply knowledge of FAA and other International regulations to human resource management in group and individual behaviors in global air transportation organizations

MGA – AMGT 3114 Purchasing and Materials Management

Course Description for AMGT 3114: This course examines the processes and challenges involved in acquiring and controlling materials, and the operational areas of purchasing, materials management, inventory management, just-in-time (lean) purchasing, supplier selection and evaluation, total quality management, value analysis, legal issues, bargaining and negotiation, and global sourcing in supporting a professional procurement function.

Lecture/Lab Hours: Three hours per week.

CTC – LOGI 1010 Purchasing AND LOGI 1020 Materials Management

Course Description for LOGI 1010: Provides a general knowledge of purchasing for today's Supply Chains. The student will be introduced to Cross-functional teaming, Purchasing and Supply Performance, Supplier Integration into new Product Development, Supplier Development, Strategic Cost Management and Total Ownership Cost (TOC), and many other topics. This course along with other Supply Chain based courses will give the student the foundation needed to make a difference in obtaining low costs, quality products for their organizations.

Lecture/Lab Hours: Three hours per week.

Course Description for LOGI 1020: This course will introduce students to materials management by learning the planning production process, master scheduling, material requirements, and forecasting material demands and inventory levels. This course is designed to build on the students' knowledge of supply chains and how effective material management improves supply chain performance.

Lecture/Lab Hours: Three hours per week.

The combination of CTC's LOGI 1010 Purchasing AND LOGI 1020 Materials Management satisfies the 'Student Learning Outcomes' for MGA's AMGT 3114 Purchasing and Materials Management:

1. Demonstrate knowledge of the theory and concepts involved in supply chain purchasing and materials management.
2. Demonstrate knowledge of supplier relationship management, including selection, evaluation, global sourcing, and maintaining supplier relationships.

3. Demonstrate knowledge of the specifics of materials management, including materials requirements planning, and inventory management.
 4. Formulate a design of a supply chain purchasing model that could be used for a company, domestic or global.
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MGA – AMGT 4302 Supply Chain Management

Course Description for AMGT 4302: This course examines the field of supply chain management which refers to the entire network of companies working together to design, produce, deliver, and service products.

Lecture/Lab Hours: Three hours per week.

CTC – SCMA 1000 Introduction to Supply Chain Management AND SCMA 1003 Introduction to Transportation and Logistics Management AND SCMA 2103 Supply Chain Management Concepts

Course Description for SCMA 1000: Provides a general knowledge of Supply Chain Management (SCM) and the associated functions necessary for delivery goods and services to customers. The course will focus on what employees and managers must do to ensure an effective Supply Chain exists in their organization. Topics include: introduction to SCM, E-Commerce, Material Management, Information Technology, Measuring SCM performance, Purchasing and Distribution, and Research and Case Studies.

Lecture/Lab Hours: Three hours per week.

Course Description for SCMA 1003: Businesses today cannot be competitive without a good transportation and logistics network. This course introduces the five basic forms of transportation and provides an understanding of the economic fundamentals underlying each mode. Students then discuss ways in which today's supply chain manager can use these transportation modes to achieve efficiencies and cost effectiveness necessary for a company to survive in today's global markets.

Lecture/Lab Hours: Three hours per week.

Course Description for SCMA 2103: Logistics and Supply Chain Management today represents a great challenge as well as a tremendous opportunity for most firms. This course will view the supply chain from the point of view of a front-line supervisor. Logistics and Supply Chain Management is all about managing hand-offs in a supply chain, hand-offs of either information or product. Phrases like logistics management, supply chain management and demand chain management will be used interchangeably in order to provide an understanding on how logistical decisions impact the performance of the firm as well as the entire supply chain.

Lecture/Lab Hours: Three hours per week.

The combination of CTC's SCMA 1000 Introduction to Supply Chain Management AND SCMA 1003 Introduction to Transportation and Logistics Management AND SCMA 2103 Supply Chain Management Concepts satisfies the 'Student Learning Outcomes' for MGA's AMGT 4302 Supply Chain Management:

1. Demonstrate knowledge of the theory and concepts involved in Supply Chain Management.
2. Comprehend and profile the methods and practices of Supply Chain Management in relationship to Enterprise Resources Planning and Customer Relationship Management programs

3. Demonstrate a knowledge of the objectives, methods, documentation, legal, and ethical aspects of a Procurement Management System
 4. Comprehend the role of Transportation in the Materials Distribution functions of a business with a global Supply Chain strategy
 5. Demonstrate an understanding of, and requirements for a successful Supply Chain performance Measurement system
 6. Formulate the design of a supply chain model that could be used for a company, domestic or global.
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MGA - AMGT 4304 International Supply Chain Management

Course Description for AMGT 4304: This course examines globally the field of supply chain management which refers to the entire international network of companies working together to design, produce, deliver, and service products.

Lecture/Lab Hours: Three hours per week.

CTC – SCMA 1015 E-Commerce in Supply Chain Management AND SCMA 2106 Key Issues in the Global Integrated Supply Chain AND SCMA 2200 Capstone/Case Studies in Logistics Management

Course Description for SCMA 1015: Provides a general knowledge of E-Commerce (EC) and how it is being conducted and managed as well as assessing its major opportunities, limitations, issues, and risks. The course will focus on the impact EC has on a significant portion of the world, affecting businesses, supply chains, professions, and people. EC is more than just buying and selling, and students will learn it is also about electronically communicating, collaborating, sharing of information by businesses, and discovering information.

Lecture/Lab Hours: Three hours per week.

Course Description for SCMA 2106: This course examines the issues and challenges a corporation faces in designing and implementing a globally integrated supply chain. Topics include social responsibility in the supply chain, geo-political impacts, out-sourcing and off shoring of supply chain functions, and how companies manage risk in their supply chains.

Lecture/Lab Hours: Three hours per week.

Course Description for SCMA 2200: Provides a general knowledge of the resources available to find SCM material on the World Wide Web and through technical publications on the subject. Students will also be assigned SCM case studies for evaluation and presentation to the class. The course will focus on the students' ability to find the information necessary to complete case studies.

Lecture/Lab Hours: Three hours per week.

The combination of CTC's SCMA 1015 E-Commerce in Supply Chain Management AND SCMA 2106 Key Issues in the Global Integrated Supply Chain AND SCMA 2200 Capstone/Case Studies in Logistics Management satisfies the 'Student Learning Outcomes' for MGA's AMGT 4304 International Supply Chain Management:

1. Demonstrate a knowledge of globalization/ international business it's impact on global operations
 2. Demonstrate knowledge of international logistics structure, global trade documents, international transportation modes and concerns, customs clearance transaction management, and global logistics security issues.
 3. Demonstrate knowledge of the complexities involved with 'successful decision making' in managing an effective and efficient global supply chain.
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AREA F 'Electives'

MGA – ACCT 2101 Principles of Accounting I

Course Description for ACCT 2101: This course is a study of the underlying theory and application of financial accounting concepts. It focuses on the development, analysis, and interpretation of financial statements and their use in decision making.

Lecture/Lab Hours: Three hours per week.

CTC – ACCT 1100 Financial Accounting I AND ACCT 1120 Spreadsheet Applications

Course Description for ACCT 1100: Introduces the basic financial accounting concepts of the complete accounting cycle and provides the student with the necessary skills to maintain a set of books for a sole proprietorship. Topics include: accounting vocabulary and concepts, the accounting cycle for a personal service business, the accounting cycle for a merchandising business, inventory, cash control and receivables. Laboratory work demonstrates theory presented in class.

Lecture/Lab Hours: Three hours per week.

Course Description for ACCT 1120: This course covers the knowledge and skills to use spreadsheet software through course demonstrations, laboratory exercises and projects. Topics and assignments will include: spreadsheet concepts, creating and manipulating data, formatting data and content, creating and modifying formulas, presenting data visually and collaborating and securing data.

Lecture/Lab Hours: Three hours per week.

The combination of CTC's ACCT 1100 Financial Accounting I AND ACCT 1120 Spreadsheet Applications satisfies the '*Student Learning Outcomes*' for MGA's ACCT 2101 Principles of Accounting I:

1. Summarize basic financial accounting terms, concepts and principles (generally accepted accounting principles-GAAP)
 2. Analyze the economic effects of business decisions on the accounting equation and financial statements
 3. Interpret, and analyze the three basic financial statements: balance sheet, income statement, statement of cash flows
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MGA – AMGT 3141 Fundamentals of Management

Course Description for AMGT 3141: This course is designed to give the students principals and techniques used in management. The fundamentals covered include staff and operative management across disciplines, including planning, strategy, leadership, organizational foundations, motivation guidelines, and ethical decision making.

Lecture/Lab Hours: Three hours per week.

CTC - MGMT 1100 Principles of Management AND MKTG 1130 Business Regulations and Compliance

Course Description for MGMT 1100: Develops skills and behaviors necessary for successful supervision of people and their job responsibilities. Emphasis will be placed on real life concepts, personal skill development, applied knowledge and managing human resources. Course content is intended to help managers and supervisors deal with a dramatically changing workplace being affected by technology changes, a more competitive and global market place, corporate restructuring and the changing nature of work and the workforce. Topics include: Understanding the Managers Job and Work Environment; Building an Effective Organizational Culture; Leading, Directing, and the Application of Authority; Planning, Decision-Making, and Problem-Solving; Human Resource Management, Administrative Management, Organizing, and Controlling.

Lecture/Lab Hours: Three hours per week.

Course Description for MKTG 1130: This course introduces the study of contracts and other legal issues and obligations for businesses. Topics include: creation and evolution of laws, court decision processes, legal business structures, sales contracts, commercial papers, Uniform Commercial Code, and risk-bearing devices.

Lecture/Lab Hours: Three hours per week.

The combination of CTC's MGMT 1100 Principles of Management AND MKTG 1130 Business Regulations and Compliance satisfies the '*Student Learning Outcomes*' for MGA's AMGT 3141 Fundamentals of Management:

1. Demonstrate a knowledge of the fundamental managerial tools and skill sets needed for decision making, capital allocation and human resource responsibilities
2. Demonstrate application of the above management tools and skill sets to 'real world' situations
3. Present both orally and in writing the comprehension of the above managerial tools and skill sets, demonstrating critical thinking techniques