



Public Schools of North Carolina

## Business and Information Technology Education

### Standard Course of Study 2010

## Business and Information Technology Education State Staff

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## BITE Enrollment Growth

In the last 5 years:

- BITE course enrollment grew by **96,281**
- **37% increase**



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## Business and Information Technology Education Standard Course of Study (Implementation 2004-05)

Grades 6-8	Levels			
	Level 1	Level 2	Level 3	Level 4
Business Computer Technology	Computer Applications I	*Computer Applications II	e-Commerce I	*Business Advanced Studies
Exploring Business Technologies	Foundations of Information Technology	Business and Electronic Communications	Business Law	*e-Commerce II
Keyboarding	Digital Communication Systems	Computerized Accounting I	Networking I	*Business Management & Applications
	Principles of Business and Personal Finance	Computer Programming I	*Computerized Accounting II	*Network Administration II – Linux
			*Computer Programming II	*Network Administration II – Microsoft
				*Network Administration II – Novell
				*Small Business Entrepreneurship



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Current Standard Course of Study

## Courses Removed from the BITE Standard course of Study

- **Business and Electronic Communications**  
Enrollment 2006 – 956
- **Foundations of Information Technology**  
Enrollment 2006 – 150



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## Proposed BITE Standard Course of Study



The proposed BITE Standard Course of Study is aligned to the State's Career Clusters



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Exploratory	Career Cluster	Foundation	Initial	Advanced	Specialized
Keyboarding (6511)		Digital Communication Systems (6514)			Business Advanced Studies (6599)
Business Computer Technology (7) 6400			Computer Applications I (6411)	*Computer Applications II (6412)	
Exploring Business, Marketing, and Entrepreneurship (8) (6208)		Principles of Business & Personal Finance (6200/6600)		*Small Business Entrepreneurship (6235/6615)	*Business Management (6225) *Business Law (6215)
Business, Management & Administration Partnering Opportunities				IB Business Management (6227)	
New and Emerging				*International Business XXXX	AP Economics

Black-No Change   
 Blue-Name Change   
 Green-New Course   
 Red-Multiple Clusters   
 \* Completer Course

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## New Courses

### International Business

- **Topics Covered:**
  - Global issues of 21<sup>st</sup> Century business
  - International business communication
  - Global business ethics and etiquette
  - Organizational structures
  - Managing international business operations
- **Prerequisite**
  - Principles of Business and Personal Finance
- **Completer Course**

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## New Courses

### International Business, cont.

- **Work-based learning strategies**
  - Field trips
  - Job Shadowing
  - Cooperative Education
  - Paid/unpaid internships
- **Applications of instructional competencies**
  - Simulations
  - Projects
  - Teamwork
  - FBLA Leadership activities, meetings, conferences, competitions

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## New Courses

### AP Economics

**Macro Economics**  
 OR  
**Micro Economics**  
*(partnering opportunity)*

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## Title Changes

- Exploring Business Technologies (6208)  
*changed to*
- **Exploring Business, Marketing, and Entrepreneurship (6208)**
- Business Management and Applications (6225)  
*changed to*
- **Business Management (6225)**

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## Pre-requisite Changes



- **Business Management (6225)**
  - *New pre-requisite* is Principles of Business and Personal Finance (6200)
- **Business Law (6215)**
  - *New pre-requisite* is Principles of Business and Personal Finance

## Completer Courses



- Business Management (6225)
- Business Law (6215)
- Computer Applications II (6412)
- International Business (xxxx)
- Small Business Entrepreneurship (6235)

## Partnering Opportunities



- IB Business Management
- AP Economics (Macro/Micro)

\* These are external, nationally recognized programs. The participants must be member schools of these organizations and follow the curriculum requirements of these partnerships. NC DPI will *NOT* provide any curriculum materials for these programs.



Exploratory	Career Cluster	Foundation	Initial	Advanced	Specialized
Keyboarding (6511)		Principles of Business and Personal Finance (6200/6600)			
Business Computer Technology (7) 6400			Computerized Accounting I (6311)	*Computerized Accounting II (6312)	
Exploring Business, Marketing, and Entrepreneurship (8) (6208)					
Finance Partnering Opportunities			NAF Academy of Finance I (6334)	*NAF Academy of Finance II (6335)	AP Accounting (XXXX)
New and Emerging			*Financial Management (XXXX)		

Black-No Change   Blue-Name Change   Green-New Course   Red-Multiple Clusters   \* Completer Course

## New Courses



### Financial Management

- **Topics Covered:**
  - Corporate finance
  - Investments and return on investment
  - Allocation of resources
  - Financial markets and institutions
  - Financial responsibility
  - International finance
- **Prerequisite**
  - Principles of Business and Personal Finance
- **Completer Course**

## New Courses Financial Management, cont.



- **Work-based learning strategies**
  - Field trips
  - Job Shadowing
  - Cooperative Education
  - Paid/unpaid internships
- **Applications of instructional competencies**
  - Simulations
  - Projects
  - Teamwork
  - FBLA Leadership activities, meetings, conferences, competitions

## New Courses, cont.



### AP Accounting

- The possibility of developing the AP Accounting Course is still being explored by the National Business Education Association and the American Institute of Certified Public Accountants.
- If the course becomes available, it will be a course in the Finance Career Cluster.

## Completer Courses



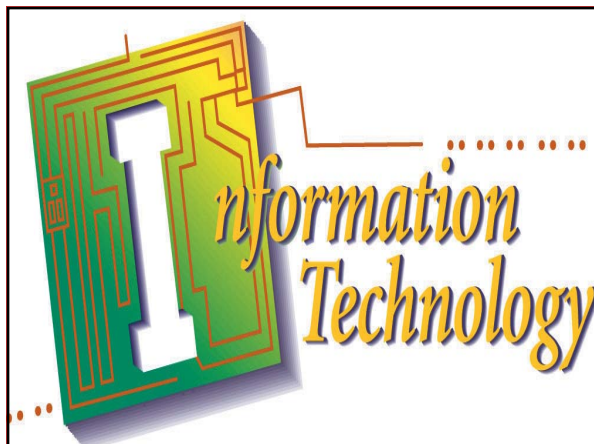
- Computerized Accounting II (6312)
- Financial Management (xxxx)
- NAF Academy of Finance II (6335)

## Partnering Opportunities




- NAF Academy of Finance I
- NAF Academy of Finance II
- AP Accounting


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Exploratory	Cluster	Foundation	Initial	Advanced	Specialized
Keyboarding (6511)		Digital Communication Systems (6514)	Computer Applications I (6411)	*Computer Applications II (6412)	
Business Computer Technology (7) 6400				e-Commerce I (6415)	*e-Commerce II (6416)
Exploring Business, Marketing, and Entrepreneurship (8) (6208)		Computer Programming I (6421)	*Computer Programming II (6422)		
		Computer Engineering Technology I (7991)	*Computer Engineering Technology II (7992)		
		Network Engineering Technology I - (7981)	*Network Engineering Technology II - (7982)		

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Exploratory	Cluster	Foundation	Initial	Advanced	Specialized
Information Technology Partnering Opportunities			IB Information Technology (6430)	Oracle Database Programming I (6451)	*Oracle Database Programming II (6452)
			Networking I (6432)	*Network Administration II - Linux (6345)	*Network Administration II - Microsoft (6347)
			NAF Academy of IT I (6423)	*Network Administration II - Novell (6346)	*NAF Academy of IT II (6424)
New and Emerging			SAS Programming I (XXXX)	*SAS Programming II (XXXX)	


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## Completer Courses




- Computer Applications II (6412)
- CET II (7992)
- e-Commerce II (6416)
- Computer Programming II (6422)
- Network Administration II (6345/6346/6347)
- NET II (7982)
- Oracle Database Programming II (6452)
- **SAS Programming II (xxxx)**


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## Partnering Opportunities



- IB Information Technology (6430)
- Oracle Database Programming I (6451)
- Oracle Database Programming II (6452)
- Networking I (6432)
- Network Administration II—Linux (6345)
- Network Administration II—Microsoft ((6347)
- Network Administration II—Novell (6346)



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## Partnering Opportunities, cont.



- NAF Academy of IT (6423)
- NAF Academy of IT II (6424)
- AP Computer Science (2508/2512)
- **SAS Programming I**
- **SAS Programming II**

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## Proposed Course Concerns

- **No** additional **licensure** requirements for teachers with this proposed SCOS
- **No** additional **equipment** requirements (beyond what is already required)
- **Internet access** is a necessity for all courses.


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## Questions?




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