



# Business, Computer, and Information Technology

Curriculum Review  
November 2016



*Preparing all students for success in a changing world.*

# Business, Computer, and Information Technology

## Presentation Outline

- Introduction
- Curriculum Review Process
- Background
- Philosophy
- Recommendations
- Concluding Comments



# Curriculum Review Process

## Introduction

- Curriculum Review Manual
- Pennsylvania Department of Education
- North Allegheny School District  
Comprehensive Plan
- North Allegheny Mission Statement

# Curriculum Review Process

**Curriculum Management Team**

**Curriculum Review Team**

**Subcommittees**

- Empirical Research
- Standards and Curriculum
- Seminars/Workshops/Presenters
- Effective Practices/Exemplary Programs
- Site Visitations
- Materials and Equipment
- Data Collection/Electronic Survey

**BCIT Department**





# Curriculum Management Team

## **Dr. Tammy A. Andreyko**

Assistant Superintendent of Curriculum, Assessment, and Professional Development

## **Mr. Matthew Buchak**

Assistant Principal, North Allegheny Senior High School

## **Mrs. Cynthia Yingling**

BCIT Department Chairperson



# Background

- Last Curriculum Review 2007, Interim Review 2013
- Importance of financial literacy
- New skills and qualities needed in employees
- Unprecedented technological developments
- High demand for security solutions (cybersecurity)



# Program Data and Analysis

- Internal and external analysis
- Current NASD BCIT Curriculum reviewed
- Major Considerations identified
- Research summarized in the Recommendations and Findings section of the Report





**ARE YOU READY?**

# Standards

- PA Academic Standards for Business, Computer, and Information Technology
- PA Academic Standards for Career Education and Work
- National Standards for Business Education
- International Society for Technology in Education (ISTE)



# BCIT Department Philosophy







# Recommendations



# Curriculum

- Maintain current offerings
- Expand 6<sup>th</sup> grade Keyboarding
- Add Digital Experience in 8<sup>th</sup> Grade
- Integrate current business and industry practices and trends throughout the BCIT Curriculum
- Incorporate the revolutionary impact and use of social media in business throughout all relevant BCIT courses
- Revise Business Management course content

# Curriculum

- Identify collegiate partners to implement additional College in High School opportunities
- Expand the use of blended, personalized, experiential, and project-based learning throughout the BCIT Curriculum
- Revise course offerings during the Interim Curriculum Review Process based upon the enrollment in current courses and implementation of new courses

# Financial Literacy Curriculum

- Develop an online Financial Planning experience for high school students as a “badge experience”
- Develop a semester Financial Literacy course which will include an online course delivery option to be offered as an elective through the *Program of Studies*



# Business Leadership Practicum Course

- Develop a Business Leadership Practicum Course for Seniors which focuses on authentic projects and problem-solving



# Federal Bureau of Investigation Cyber Crimes Course of Study

- Implement the Cyber Crimes curriculum beginning in 2017-2018 in conjunction with the FBI to be offered as College in High School through the University of Pittsburgh



# Textbook Reviews and Adoptions

- Implement a phase-in budgeting schedule to review, update, and adopt textbooks and resources for use throughout the BCIT Curriculum
- Consider the option of online instructional materials where appropriate and available



# Professional Development

- Expose teachers to a wide range of professional development opportunities
- Work cooperatively with business and industry to provide the most current and relevant standards of practice in financial literacy







**The North Allegheny Business  
Department is proud to offer an  
evolutionary, forward-thinking curriculum  
that places students at the center  
of instruction.**



**On behalf of the BCIT Department, thank you  
for your continued support.**



*Preparing all students for success in a changing world.*