Business, Computer, and Information Technology

Curriculum Review
November 2016

Preparing all students for success in a changing world.
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

- 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\textsuperscript{th} grade Keyboarding
• Add Digital Experience in 8\textsuperscript{th} 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.

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