



# CATALOG ADDENDUM: OCTOBER 2021

Below are listed additions and corrections to the 2021-22 Bucks County Community College Catalog since its publication. All corrections listed below have been made in the main online catalog sections to which they apply. They do not appear, however, in the PDF version of the full catalog.

## SECTION 2: MAJORS AND CERTIFICATE PROGRAMS

Majors and Certificate Programs: Descriptions

[Fire Science \(2158\)](#): The program has been revised:

### **Department of Business + Innovation**

*Cottage 1 - Phone (215) 968-8190*

Curriculum Code No. 2158

The Fire Science Associate Degree Program, which follows the Fire and Emergency Services Higher Education (FESHE) and the National Fire Academy models, prepares the student for a position in the fire service. In addition to the courses that prepare the student to manage a complex emergency scene, the courses in this curriculum provide the student with technical information on a wide range of topics. Courses such as *Building Construction*, *Building and Fire Code Enforcement*, *Hazardous Materials*, *Fire Protection Systems*, *Fire Behavior*, and *Fire Safety Education* prepare the student for careers that are directly and indirectly related to the Fire and Emergency Service. These careers include working in code enforcement, insurance investigation, fire protection, equipment inspection, and public service. In addition, this program provides individuals, already working in the fire service or in a related field, the opportunity to prepare for promotion while at the same time earning an Associate Degree.

Graduates of this program are able to:

- Manage a fire protection organization through effective use of public and private emergency planning and resources;
- Demonstrate and apply the fundamental skills associated with firefighter safety and wellness, such as prevention, incident safety / risk management, organizational health and safety, and wellness programs;
- Evaluate fire behavior and building construction as it related to firefighter safety, building codes, and fire prevention; and
- Apply safety codes and proper procedures for the transportation and storage of hazardous materials.

### **Degree Course Requirements**

**Course #**

**Course Title**

**Credits Hrs.**

COLL101	College Orientation Seminar	1
COMM110	Effective Speaking <sup>C, 4, 5</sup>	3
COMP110	English Composition I <sup>A, C, 2, 10</sup>	3
COMP111	English Composition II <sup>C, 2, 4, 10</sup>	3
FRSC100	Introduction to Fire Science	3
FRSC103	Building Construction for the Fire Service <sup>C</sup>	3
FRSC104	Fire Prevention and Code Enforcement <sup>C</sup>	3
FRSC105	Fire Protection Systems <sup>C, 9</sup>	3
FRSC112	Fire Behavior and Combustion	3
FRSC114	Fire and Emergency Services Safety and Survival	3
FRSC202	Hazardous Materials <sup>C</sup>	3
FRSC208	Principles of Fire and Emergency Services Administration <sup>A, C</sup>	3
FRSC209	Fire Service Occupational Safety & Health <sup>A, C</sup>	3
FRSC210	Fire and Life Safety Education <sup>A, C</sup>	3
MATH101	Mathematical Concepts I <sup>A, C, 2, 6</sup>	3
	Arts/Humanities Elective <sup>B, 1</sup>	3
	Emergency Services & Management Electives <sup>E</sup>	9/10
	Science Elective <sup>A, C, D, 7</sup>	3/4
	SOC1110- Introduction to Sociology <sup>2, 3, 8</sup>	3

or

PSYC110- Introduction to Psychology <sup>2, 3, 8</sup>

**Total Credit Hours:**

**61-63**

- (A) Placement testing required  
 (B) Arts/Humanities (Gen Ed Core) Requirement: Consult the approved list of courses  
 (C) Course requires prerequisites and/or co-requisites  
 (D) Choose between: BIOL101, BIOL115, CHEM101, SCIE103, or SCIE104  
 (E) Choose three courses from: ACCT105, CRIJ120, CRIJ130, CRIJ160, CRIJ210, CRIJ260, CRIJ275, FRSC201, FRSC204, FRSC206, FRSC214, FRSC216, FRSC227, FRSC280, HLTH103, HLTH110, MGMT140, MGMT200, MGMT230, MGMT250, MEDA120, PUBS104, PUBS206, PUBS207, PUBS212, and POLI120.

- (1) Satisfies Arts/Humanities.  
 (2) Satisfies Critical Thinking.  
 (3) Satisfies Diversity.  
 (4) Satisfies Information Literacy.  
 (5) Satisfies Oral Communication.  
 (6) Satisfies Quantitative Literacy.  
 (7) Satisfies Scientific Literacy.  
 (8) Satisfies Social Sciences.  
 (9) Satisfies Technological Competence.  
 (10) Satisfies Writing

**Historic Preservation (3127):** The program has been revised:

**Department of Social and Behavioral Science**

Grupp 301 • Phone (215) 968-8270

Curriculum Code No. **3127**

The Historic Preservation occupational program provides opportunities for individuals seeking a career in historic preservation to build knowledge, skills, and behaviors appropriate to the field. The Certificate is designed for job placement, with students finding employment in the preservation field in the workplaces of community planners, developers, architects, contractors, realtors, zoning commissions, certified local governments, museums and historic sites, private and public research agencies, educational institutions, landscape architects, and historic reproduction businesses. Some students also take the Certificate to enhance their present employment situation.

Graduates of this program are able to:

- describe the theoretical and historical bases of historic preservation
- identify elements of architectural character appropriate to given styles or forms
- employ research techniques to document historic sites
- apply historic preservation standards and regulations to specific sites
- communicate historic preservation values to the general public in written and oral/video presentation formats
- demonstrate entry-level professional skills rooted in the principles and practice of historic preservation

#### CERTIFICATE REQUIREMENTS

Course	Credits
<u>COLL101</u> College Success Seminar	1
<u>HIST197</u> History and Theory of Historic Preservation	3
<u>HIST198</u> History of American Architecture	3
<u>HIST199</u> Methodology and Documentation	3
<u>HIST201</u> Building Conservation	3
<u>HIST203</u> Internship for Historic Preservation <sup>A</sup>	3
Total Required Hours	16
9 Credits of Electives Required	
<u>HIST191</u> Principles of Historic Preservation	1
<u>HIST192</u> Principles of Historic Building Analysis	1
<u>HIST193</u> Principles of Building Conservation	1
<u>HIST194</u> Historic Preservation Planning and Sustainability	3
<u>HIST195</u> Historical Archaeology	3
<u>HIST202</u> Law, Taxes and Zoning for Historic Preservation	3

Course	Credits
<u>HIST204</u> Oral History	3
<u>HIST205</u> Principles of Restoration & Rehabilitation	1
<u>HIST206</u> Restoration Workshop	2
<u>HIST208</u> History, Society and Architecture in the Delaware Valley	3
<u>HIST210</u> Topics in Historic Preservation	3
<u>HIST217</u> Principles of Historic Gardens	1
<u>HIST219</u> Management of Historic Sites	3
<u>HIST222</u> Archaeology Topics	1
<u>HIST246</u> Advanced Techniques in Conservation <sup>A</sup>	3
<u>CLTR220</u> Introduction to Folklore Studies	3
<u>INDP290</u> Independent Study: Historic Preservation	1-3
<u>VAFW190</u> History of American Furniture	3
Total Credit Hours	25

Music (1019): The program has been revised:

**ASSOCIATE OF MUSIC**

**Transfer Major**

*Students interested in Music at Bucks need to meet with a music faculty member for advising. Decisions on the transferability of courses are made by the four-year colleges and differ from school to school. Students enrolled in this major should contact the Transfer Services office early in their academic program to determine which courses will transfer to the college of their choice.*

## Arts Department

Hicks 125 • Phone (215) 968-8425

## Music Area

Hicks 208 • Phone (215) 968-8425

Curriculum Code No. **1019**

The Music major, which is designed to prepare students for transfer in Music to four-year institutions, is a curriculum that culminates in an Associate of Music degree. Numerous courses in the program fulfill Core Curriculum requirements for general students, and students enrolled in other majors are encouraged to participate in any course or performing ensemble for which they qualify.

Graduates of this program are able to

- perform appropriate musical repertoire competently in both solo and ensemble environments;
- identify and analyze in both written and aural formats the historical forms, styles, genres, and compositional techniques of varied musical repertoire;
- analyze and construct diatonic and chromatic harmonies using techniques of Roman Numeral harmonic analysis, figured bass, and related symbolic nomenclatures;
- employ music technology productively in both practical and creative contexts\*; and
- sight-sing melodies accurately and take musical dictation by applying compatible solfege methodologies.

\*To fulfill the technological competence requirement, students apply music-specific digital software in MUSC124 to create music compositions.

Students entering as Music majors 1) must successfully pass the qualifying exam for entrance into Music Theory I and Ear Training I, 2) must schedule an interview with a representative of the Music Area, and 3) must perform an audition on their principal instrument (or voice) for placement into the Applied Lesson course sequence. Contact the Music Area (215-968-8425) for complete information and scheduling of these preliminary requirements.

Students must own an instrument and purchase music as required for study.

Students will be charged a music lesson fee for all MUSL courses.

Bucks County Community College is an accredited institutional member of the National Association of Schools of Music (NASM).

## Labor Market Analysis

### Music

Learn about the job market, average salary, and necessary level of training you can expect to encounter in the workforce after completing this program based on data from the PA Department of Labor.

## DEGREE COURSE REQUIREMENTS:

Course	Credits
<b>COLL101</b> College Success Seminar	1
<b>COMP110</b> English Composition I <sup>A,C,2,10</sup>	3
<b>COMP111</b> English Composition II <sup>C,2,4,10</sup>	3
<b>MUSC103</b> World Music <sup>3,8</sup>	3

<b>MUSC111</b>	3
Music Theory I <sup>B,C</sup>	
<b>MUSC112</b>	3
Music Theory II <sup>B,C</sup>	
<b>MUSC115</b>	3
Ear Training I <sup>B,C</sup>	
<b>MUSC116</b>	3
Ear Training II <sup>B,C</sup>	
<b>MUSC124</b>	3
Music Technology <sup>I,9</sup>	
<b>MUSC201</b>	3
Musical Styles and Literature: Music before 1750 <sup>B,C</sup>	
<b>MUSC202</b>	3
Musical Styles and Literature: Music after 1750 <sup>B,C,5</sup>	
<b>MUSC211</b>	3
Music Theory III <sup>B,C</sup>	
<b>MUSC212</b>	3
Music Theory IV <sup>B,C</sup>	
<b>MUSC215</b>	3
Ear Training III <sup>B,C</sup>	
<b>MUSC216</b>	3
Ear Training IV <sup>B,C</sup>	
<b>MUSE101</b>	1
Concert Choir <sup>B</sup>	
<b>MUSG165</b>	1
Group Instruction in Piano Level I <sup>B</sup>	
<b>MUSL111</b>	1
Principal Lesson I <sup>B,C</sup>	
<b>MUSL110</b>	1
Group Performance	
<b>MUSL112</b>	1
Principal Lesson II <sup>B,C</sup>	
<b>MUSL110</b>	1
Group Performance	
<b>MUSL211</b>	1
Principal Lesson III <sup>B,C</sup>	
<b>MUSL110</b>	1
Group Performance	
<b>MUSL212</b>	1
Principal Lesson IV <sup>B,C</sup>	
<b>MUSL110</b>	1
Group Performance	
Math/Science <sup>A,D,6,7</sup>	3/4
Ensembles <sup>B,E</sup>	3
Musical Survey <sup>F,1</sup>	3
<b>Total Credit Hours</b>	<b>62/63</b>

## RECOMMENDED SEMESTER SEQUENCE

*The recommended course sequence is designed for full-time students who average 15 credit hours per semester. Students may need more time to complete major requirements based on placement testing. This additional time will entail some adjustments to the sequence recommended.*

### First Semester

Course	Credits
<b>COLL101</b>	1
College Success Seminar	
<b>COMP110</b>	3
English Composition I <sup>A,C,2,10</sup>	

<b>MUSC111</b>	3
Music Theory I <sup>B,C</sup>	
<b>MUSC115</b>	3
Ear Training I <sup>B,C</sup>	
<b>MUSC124</b>	3
Music Technology <sup>I,9</sup>	
<b>MUSL111</b>	1
Principal Lesson I <sup>B,C</sup>	
<b>MUSL110</b>	1
Group Performance	
<b>MUSG165</b>	1
Group Instruction in Piano Level I <sup>B</sup>	
<b>MUSE101</b>	1
Concert Choir <sup>B</sup>	
<b>Total Credit Hours</b>	<b>17</b>

### Second Semester

Course	Credits
<b>COMP111</b>	3
English Composition II <sup>C,2,4,10</sup>	
<b>MUSC112</b>	3
Music Theory II <sup>B,C</sup>	
<b>MUSC116</b>	3
Ear Training II <sup>B,C</sup>	
<b>MUSL112</b>	1
Principal Lesson II <sup>B,C</sup>	
<b>MUSL110</b>	1
Group Performance	
Ensemble <sup>B,E</sup>	1
Music Survey <sup>F,1</sup>	3
<b>Total Credit Hours</b>	<b>15</b>

### Third Semester

Course	Credits
<b>MUSC201</b>	3
Musical Styles and Literature: Music before 1750 <sup>B,C</sup>	
<b>MUSC211</b>	3
Music Theory III <sup>B,C</sup>	
<b>MUSC215</b>	3
Ear Training III <sup>B,C</sup>	
<b>MUSL211</b>	1
Principal Lesson III <sup>B,C</sup>	
<b>MUSL110</b>	1
Group Performance	
Math/Science <sup>A,D,6,7</sup>	3/4
Ensemble <sup>B,E</sup>	1
<b>Total Credit Hours</b>	<b>15/16</b>

### Fourth Semester

Course	Credits
<b>MUSC202</b>	3
Music Styles and Literature: Music after 1750 <sup>B,C,5</sup>	
<b>MUSC212</b>	3
Music Theory IV <sup>B,C</sup>	
<b>MUSC216</b>	3
Ear Training IV <sup>B,C</sup>	
<b>MUSC103</b>	3
World Music <sup>3,8</sup>	

<b>MUSL212</b>	1
Principal Lesson IV <sup>B,C</sup>	
<b>MUSL110</b>	1
Group Performance	
Ensemble <sup>B,E</sup>	1
<b>Total Credit Hours</b>	<b>15</b>

<sup>A</sup> Placement testing is required.

<sup>B</sup> Audition and/or placement testing required.

<sup>C</sup> Course requires prerequisite and/or co-requisite.

<sup>D</sup> Any of the following may be chosen: SCIE101, SCIE102, SCIE104, CHEM101.

<sup>E</sup> Any of the following may be chosen: MUSE101, MUSE115, MUSE121, MUSE140, MUSE151, MUSE155, MUSE201. All Ensemble courses may be repeated for credit.

<sup>F</sup> Any of the following may be chosen: MUSC101, 105, 106.

<sup>1</sup> Satisfies Arts/Humanities.

<sup>2</sup> Satisfies Critical Thinking.

<sup>3</sup> Satisfies Diversity.

<sup>4</sup> Satisfies Information Literacy.

<sup>5</sup> Satisfies Oral Communication.

<sup>6</sup> Satisfies Quantitative Literacy.

<sup>7</sup> Satisfies Scientific Literacy.

<sup>8</sup> Satisfies Social Sciences.

<sup>9</sup> Satisfies Technological Competence.

<sup>10</sup> Satisfies Writing.

Credits exceeding the required minimum cannot be used to satisfy required credits in other course requirements.

## SECTION 3: COURSE DESCRIPTIONS

**Accounting Internship (ACCT280):** The Master Course Outline, VII. Required Course Content and Direction, B. Planned Sequence of Topics and/or Learning Activities has been updated in one section: “b. employment in a position which includes accounting duties for a total of 120 hours and the evaluation by the employer using criteria established by the program coordinator in conjunction with the employer's standards of performance.”

**Management Internship (MGMT280):** The Master Course Outline, VII. Required Course Content and Direction, B. Planned Sequence of Topics and/or Learning Activities has been updated in two sections: “a. All students must attend and participate in an internship meeting arranged by the course coordinator. b. All students must work a minimum of 120 hours during the semester period in which the student is enrolled in this course. Students maintain a log to register days, times, and total hours worked that will be signed by the student and the student's immediate supervisor. The log is turned in by the student to the course coordinator, to be verified with the employer, and it will be evaluated by the course coordinator as a part of the student's final grade.”

**Marketing Internship (MKTG280):** The Master Course Outline, VII. Required Course Content and Direction, B. Planned Sequence of Topics and/or Learning Activities has been updated in two sections: “a. All students must attend and participate in an internship meeting arranged by the course coordinator. b. All students must work a minimum of 120 hours during the semester period in which the student is enrolled in this course. Students maintain a log to register days, times, and total hours worked that will be signed by the student and the student's immediate supervisor. The log is turned in by the student to the Course Coordinator, to be verified with the employer, and it will be evaluated by the coordinator as a part of the student's final grade.”



[Principal Lesson I \(MUSL111\)](#): The Master Course Outline has been updated in two sections:

- II. Number of Credits: 1 credit
- IV. Prerequisites: MUSL-110 has been added as an additional co-requisite

[Principal Lesson II \(MUSL112\)](#): The Master Course Outline has been updated in two sections:

- II. Number of Credits: 1 credit
- IV. Prerequisites: MUSL-110 has been added as an additional co-requisite

[Principal Lesson III \(MUSL211\)](#): The Master Course Outline has been updated in two sections:

- II. Number of Credits: 1 credit
- IV. Prerequisites: MUSL-110 has been added as an additional co-requisite

[Principal Lesson IV \(MUSL212\)](#): The Master Course Outline has been updated in two sections:

- II. Number of Credits: 1 credit
- IV. Prerequisites: MUSL-110 has been added as an additional co-requisite

[Emergency Communications and Public Information \(PUBS212\)](#): The Master Course Outline, V. Other Pertinent Information has been updated to: "1. This course meets the General Educational Requirements for Technological Competency. 2. This course may be completed through Prior Learning Assessment (PLA) if the student has completed the following: IS-29 Public Information Officer Awareness (FEMA), IS-42 Social Media in Emergency Management (FEMA), IS-242 Effective Communication (FEMA), IS-247 Integrated Public Alert and Warning System (FEMA), and G-290 Public Information Officer Basic (FEMA / PEMA). **NOTE:** Crisis and Emergency Risk Communication (Center for Disease Control and Prevention) can be used in place of G-290."