



CATALOG ADDENDUM: APR 2026

Below are listed additions and corrections to the 2025-26 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 3: COURSE DESCRIPTIONS

Penetration Testing (CISC207): This new course has been approved

School of Science, Technology, Engineering & Mathematics: Computer/Information Science

I. Course Number and Title

CISC207 Penetration Testing

II. Number of Credits

4

III. Number of Instructional Minutes

3000

IV. Prerequisites

CISC143 (C or better)

Corequisites

None

V. Other Pertinent Information

A significant portion of the course is dedicated to developing hands-on proficiency with cybersecurity software tools. Laboratory work is designed to provide the student with practical experience developing and implementing comprehensive computer security strategies. A comprehensive final examination will be included in the course. The final will be evaluated at 15 - 25% of the course grade. A minimum of six laboratory assignments and exercises will be required. The laboratory grade will comprise no more than one-third of the course grade.

VI. Catalog Course Description

In this course students learn techniques employed by security professionals to highlight issues with network security and identify the security measures to be implemented to protect digital assets. Students learn to check for vulnerabilities so that they can be addressed before malicious actors learn of and exploit them.

VII. Required Course Content and Direction

1. Course Learning Goals

Students will:

1. plan and scope a penetration testing engagement;
2. identify legal and compliance requirements;
3. perform vulnerability scanning and penetration testing using appropriate tools and techniques;
4. analyze the results of an assessment exercise; and
5. validate the reliability of information sources and use standard citations in the reports used to develop proposed remediation techniques, effectively communicate results to stakeholders and provide actionable recommendations.

2. Planned Sequence of Topics and/or Learning Activities

Course Outline:

PLANNING & SCOPING

- Includes updated techniques emphasizing governance, risk, and compliance concepts, scoping and organizational/customer requirements, and demonstrating an ethical hacking mindset.

WINDOWS OPERATING SYSTEMS

- Information Gathering and Vulnerability Scanning
- Includes developing skills in performing vulnerability scanning and passive/active reconnaissance, vulnerability management, as well as analyzing the results of a reconnaissance drill.

SOFTWARE TROUBLESHOOTING

- Attacks and Exploits
- Consists of updated approaches to expanded attack surfaces, researching social engineering techniques, performing network attacks, wireless attacks, application-based attacks and attacks on cloud technologies, and performing post-exploitation methods.

NETWORKING

- Reporting and Communication
- Focused on the importance of reporting and communication in an increased regulatory environment during the pen testing process through analyzing findings and recommending appropriate remediation within a report.

HARDWARE & NETWORK TROUBLESHOOTING

- Tools and Code Analysis
- Aims to help students identify scripts in various software deployments, analyze a script or code sample, and explain use cases of various tools used during the phases of a penetration test.

3. Assessment Methods for Course Learning Goals

For each topic covered in the course, student performance related to the course learning goals will be evaluated by way of unit exams and hands-on graded lab projects. In addition, students' mastery of the subject matter will be assessed using at least two (2) major projects. A comprehensive final exam will be used to evaluate students' level of proficiency in all of the course topics.

4. Reference, Resource, or Learning Materials to be used by Student:

A departmentally-selected textbook and Internet-based resources will be used in this course. Details on learning resources and reference materials will be provided by the instructor at the beginning of each course section. See the course syllabus.

Municipal Policing I (CRIJ180): This new course has been approved

Department of Social & Behavioral Science: Criminal Justice

I. Course Number and Title

CRIJ180 Municipal Policing I

II. Number of Credits

12 credits

III. Number of Instructional Minutes

27570

IV. Prerequisites

None

V. Other Pertinent Information

Students must be accepted to Bucks County Community College's Act 120 Municipal Police Academy to enroll in this course. Students must maintain satisfactory progress in the Academy as required and defined by the Pennsylvania Police Officers' Education & Training Commission (MPOETC) to successfully complete the course. Students are required to adhere to all MPOETC Municipal Police Officer Basic Training Program rules and regulations.

VI. Course Description

This course addresses core foundations of policing, including criminal law, patrol operations, juvenile justice, vehicle code enforcement, ethics, communication skills, community engagement. Cadets build essential knowledge and practical skills needed for safe, lawful, and effective entry-level police work

VII. Required Course Content

A. Course Learning Goals

Students will:

1. Identify each step in the basic adult criminal justice process and the juvenile system processes;
2. Explain the general principles of criminal law, elements of crimes, criminal defenses, parties to crime, types of crimes, and constitutional limits on criminal law;
3. Examine the system of checks and balances operating within the criminal system that ensures fairness; and
4. Analyze the definition, extent, and nature and control of juvenile delinquency in the United States

B. Sequence of Topics

1. Introduction to the Academy
2. Introduction to Law Enforcement in Pennsylvania
3. Laws and Criminal Procedures
4. Juveniles
5. Human Relations

- 6. Responding to Special Needs
- 7. Homeland Security
- 8. Vehicle Code Enforcement
- 9. Crash Investigation
- 10. Patrol Procedures and Operations
- 11. Criminal Investigations
- C. Assessment Methods
 - Student assessment consists of written examinations, practical hands-on skills assessment, and scenario evaluations as required by MPOETC.
- D. Reference
 - See course syllabus for additional information

Municipal Policing II (CRIJ181): This new course has been approved

Department of Social & Behavioral Science: Criminal Justice

I. Course Number and Title

CRIJ181 Municipal Policing II

II. Number of Credits

12 credits

III. Number of Instructional Minutes

27570

IV. Prerequisites

CRIJ180 grade of C or better

V. Other Pertinent Information

Students must be accepted to Bucks County Community College's Act 120 Municipal Police Academy to enroll in this course. Students must maintain satisfactory progress in the Academy as required and defined by the Pennsylvania Police Officers' Education & Training Commission (MPOETC) to successfully complete the course. Students are required to adhere to all MPOETC Municipal Police Officer Basic Training Program rules and regulations.

VI. Course Description

This course addresses core foundations of policing, including drug law enforcement, operation of patrol vehicles, physical and emotional readiness, firearms, control tactics, and emergency response. Cadets build essential knowledge and practical skills needed for safe, lawful, and effective entry-level police work.

VII. Required Course Content

A. Course Learning Goals

Students will:

1. Examine the differences between various types of evidence including presumptions, stipulations, and inferences;
2. Examine the role of police investigators in the judicial process;
3. Analyze the theories and structure of police organization and leadership styles; and
4. Demonstrate how to appropriately apply first aid.

B. Sequence of Topics

1. Drug Law Enforcement

2. Case Presentation
 3. Operation of Patrol Vehicles
 4. Physical and Emotional Readiness
 5. Control Tactics
 6. Firearms
 7. Emergency Response Training
 8. Scenarios and Practical Exercises
- C. Assessment Methods
Student assessment consists of written examinations, practical hands-on skills assessment, and scenario evaluations as required by MPOETC.
- D. Reference
See course syllabus for additional information

Video and Livestream Studio Production (VACV135): This course title, description and goals have been revised as follows:

Department of Arts and Communication: Cinema/Video Production

I. Course Number and Title

VACV135 Video and Livestream Studio Production

VI. Catalog Course Description

This course introduces students to the equipment and techniques of video and livestream studio production from planning through scripting to taping. A series of exercises and individual projects provide a foundation for personal expression in various video formats.

VII. Required Course Content and Direction

1. Course Learning Goals

Students will:

1. demonstrate an understanding of media studio facilities and equipment, including studio lights, cameras, switchers, recorders, and audio tools;
2. build effective teams to create projects in the video studio;
3. demonstrate an understanding in scripting, directing, and producing video segments; and
4. demonstrate an understanding of professional attitudes, leadership skills, and creativity in all phases of the production process.

Introduction to Glass (VAFA147): This course title, other pertinent information, catalog description and required course content have been revised as follows:

Department of Arts and Communication: Glassblowing and Stained Glass

I. Course Number and Title

VAFA147 Introduction to Glass

II. Number of Credits

3 credits

III. Number of Instructional Minutes

4050

IV. Prerequisites

None

Corequisites

None

V. Other Pertinent Information

Safe shop practices are emphasized. There is a material supply cost for this course.

VI. Catalog Course Description

This course covers basic studio techniques of stained glass, glass fusing, and glass blowing through the use of various tools, equipment, and processes. Students attain the introductory skills required for the production of glass objects, and to aesthetic sensitivity for the material. Safe studio procedures are emphasized.

VII. Required Course Content and Direction

1. Course Learning Goals

Students will:

1. employ the safety procedures necessary to manipulate hot and cold glass;
2. utilize the techniques necessary to in stained glass, glass fusing, and glassblowing; and
3. execute personal designs in a variety of glass techniques.

2. Planned Sequence of Topics and/or Learning Activities

In the creation of glass pieces, students will explore:

1. Fusing, gathering, blocking, jacking, shaping, transfer, and finishing
2. Stained glass cutting and soldering
3. Fused glass assembly, decorate techniques, firing, and basic slumping
4. Safe practices in glass studio
5. The use of appropriate vocabulary to evaluate and critique their own work and that of their peers

3. Assessment Methods for Course Learning Goals

1. Works are assessed through critiques, based on the successful conceptualization, design, execution, and completion of specific assignments.
2. Individual meetings with instructor are held to assess students' overall progress, artistic growth, and safe practices.

3. Additional evaluative tools may include one or more of the following: performance-based tasks, discussions, exercises, written assignments, research-based reports, presentations, online activities, quizzes and/or exams.

4. **Reference, Resource, or Learning Materials to be used by Student:**

Digital technology and guest demonstrations are incorporated by the instructor. See course syllabus.

Art Appreciation (VAFA190): This new course has been approved.

Department of Arts and Communication: Visual Arts

I. Course Number and Title

VAFA190 Art Appreciation

II. Number of Credits

3 credits

III. Number of Instructional Minutes

2250

IV. Prerequisites

None

Corequisites

None

V. Other Pertinent Information

Students are expected to work outside of class time on homework assignments. Students will need to purchase materials and supplies. Students must submit a final portfolio for faculty review visually demonstrating an understanding of the semester's course work.

VI. Catalog Course Description

This course surveys the visual arts including the analysis of forms, media and technical procedures, subject matter, composition, theory, philosophy, and cultural and social values and influences in a global context. Lectures, projects, discussions, and presentations facilitate the ability to think and communicate visually.

VII. Required Course Content and Direction

A. Course Learning Goals

Students will:

1. articulate the formal and compositional tools used to activate meaningful visual communication;
2. explore a range of studio media and techniques [Arts/Humanities];
3. produce written analysis of works of art across geographic locations and time periods based on their formal, sociocultural, and expressive qualities [Cultural Competency]; and
4. apply the above concepts and skills to the creation of works of art.

B. Planned Sequence of Topics and/or Learning Activities

Topics are selected by faculty and subject to change by semester.

1. Visual Communication: Nature of Art & Visual Communication

2. The Elements of Art and Principles of Design
3. Media and Techniques (including photography, drawing, painting, printmaking, sculpture and craft)
4. Context and Connoisseurship: Evaluating Art
5. Art History: Overview of prehistory through the present
6. Museum Exploration
7. Application: Artwork Experiments, Project proposal, Selection and Execution
8. Collaboration

C. Assessment Methods for Course Learning Goals

1. Assessment methods will include projects, papers, critiques and reflections.
2. Additional evaluative tools may include one or more of the following: performancebased tasks, discussions, exercises, written assignments, research-based reports, presentations, online activities, quizzes and/or exams.

D. Reference, Resource, or Learning Materials to be used by Student:

Digital images and technology as selected by instructor are incorporated.
See course syllabus. Textbook may also be required.