



CATALOG ADDENDUM: APRIL 2022

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

[Business, Associate of Applied Science \(Curriculum Code 2204\)](#): The program's Business electives have been updated to: "C Any course with a prefix of ACCT, HOSP, MGMT, MKTG, or ECON may be chosen."

[Culinary Arts, Certificate Program \(Curriculum Code 3154\)](#): The program's Certificate Requirements have been updated to:

Certificate Requirements

COURSE	CREDITS
<u>COLL101</u> College Success Seminar	1
<u>HOSP100</u> Introduction to Hospitality Management	3
<u>HOSP106</u> Safety and Sanitation	2
<u>CULN110</u> Basic Food Preparation	4
<u>CULN111</u> Advanced Food Preparation ^A	4
<u>CULN112</u> Garde Manager and Buffet Planning ^A	4

COURSE	CREDITS
<u>CULN130</u> Baking and Decorating - Techniques and Procedures ^A	3
<u>CULN202</u> Food Purchasing/Techniques and Procedures ^A	3
<u>CULN203</u> Menu Planning/Costing/Design ^A	3
Total Credit Hours	27

^A Course requires prerequisite.

[Engineering, Associate of Science \(Curriculum Code No. 1028\)](#): The program's Master Course outline has been updated thus:

- ENGR112 will now have superscripts A, D, 1, and 9 to reflect the inclusion in the Arts/Humanities General Education category
- The Arts/Humanities elective has been changed to "Engineering Elective"
- Superscript C has now been updated to: "^C *Engineering Elective should be chosen based on engineering concentration and the requirements of your transfer institution. Please consult with your advisor. Choose from BIOL121, CHEM122, CHEM221, CISC115, CISC219, MATH121, MATH260, SCIE103, SCIE206.*"

[Engineering Technology, Associate of Applied Science \(Curriculum Code No. 2193\)](#): The program's Master Course Outline has been updated thus:

- ENGR112 will now have superscripts A, D, 1, and 9 to reflect the inclusion in the Arts/Humanities general education category
- The Arts/Humanities elective has been changed to "Technical Elective" and 15 credits
- Superscript D has now been updated to include "COMP114" as a possible elective

SECTION 3: COURSE DESCRIPTIONS

[Intermediate Chines II \(CHNS202\)](#): This new course has been approved:

I. Course Number and Title

CHNS202 Intermediate Chinese II

II. Number of Credits: 3

III. Number of Instructional Minutes: 2250

IV. Prerequisites

CHNS201 (C or better) or equivalent or permission of the Department of Language & Literature

Corequisites

None

V. Other Pertinent Information:

Students are expected to spend between six and nine hours per week outside of class in activities, such as learning vocabulary, reading, completing written exercises, preparing oral presentations, and working with the multimedia files that accompany the text.

This course meets the General Education requirement in Arts/Humanities

This course meets the General Education requirement in Diversity.

VI. Catalog Course Description

In this continuation of study from CHNS201, students further develop language proficiency with increasing complexity. Vocabulary and expressions are extended to enhance communication skills. Grammar is sequenced to build a solid foundation in language form and accuracy. Students continue to gain historical and culture awareness of Chinese-speaking countries.

VII. Required Course Content and Direction

A. Course Learning Goals

Students will:

1. acquire and demonstrate increasing competence in the four language skills: speaking, listening, reading, and writing [Arts/Humanities];
2. recognize and respond appropriately and with increasing detail to the most common spoken situations;
3. demonstrate ability to write increasingly complex sentences in Chinese; and
4. explain an increasing number of aspects of life in the Chinese-speaking countries [diversity].

B. Planned Sequence of Topics and/or Learning Activities

Grammatical Topics:

Descriptive complements

Potential complements

Directional complements
Action in progress
Aspect particles
Time duration and frequency
Numbers beyond thousands and approximation
Making comparisons
Subordinate clauses
Classifiers

Vocabulary and Social topics:

Dating
 Renting an apartment
 Sports
 Travel
 At the airport

Cultural Contexts:

Dating scene
 Student housing
 Sports and exercising
 Vacation planning
 Traveling

C. Assessment Methods

Students will:

1. take quizzes and tests;
2. complete written assignments, such as short compositions and grammatical exercises;
3. perform listening comprehension exercises;
4. participate in speaking tasks, which may include oral interviews, conversations, and/or presentations that assess proficiency levels.

Quizzes and tests taken in class include the cultural topics presented in the course. Students articulate similarities and differences in the various cultures of the world and demonstrate familiarity with the skills necessary to make informed judgments.

D. Reference

Instructors employ textbook, workbook, multimedia resources, and Internet resources of second-year proficiency-based Chinese program. See course syllabus.

[Programming in Python \(CISC219\)](#): Section IV. Prerequisites of the Master Course Outline has changed to: “CISC113 (C or better) or CISC115 (C or better) or CISC119 (C or better).”

[Course-Sectional Anatomy in Sonography \(DXMS101\)](#): The course name has been corrected to “Cross-Sectional Anatomy in Sonography.”

Introduction to Circuit Analysis (ENGR240): The course name has changed to “Circuit Analysis” and the Master Course Outline has been updated thus:

I. Course Number and Title

ENGR240 Circuit Analysis

II. Number of Credits: 4

III. Number of Instructional Minutes: 4500

IV. Prerequisites

PHYS122 (C or better) and MATH141

Corequisites

MATH141

V. Other Pertinent Information:

In order to pass this course, a student must pass the laboratory portion of the course. The laboratory portion comprises at least 20% of the course grade.

VI. Catalog Course Description

This lecture and laboratory course introduces the students to basic circuit devices and circuit analysis. Topics include: circuit elements, techniques of circuit analysis, natural response, steady state analysis, and basic filter design.

VII. Required Course Content and Direction

A. Course Learning Goals

Students will:

1. analyze and apply circuit theory to solve problems;
2. apply circuit theory to the analysis of physical circuits;
3. build and measure circuits;
4. work in a team; and
5. write scientific laboratory reports.

B. Planned Sequence of Topics and/or Learning Activities

The following topics are presented:

1. basic circuit elements, Kirchoff's Laws, dependent source op-amp model
2. nodal and Mesh analysis methods
3. linearity, superposition, Thevenin/Norton equivalents
4. op-amps as passive voltage sources
5. inductor and capacitor ideal elements; duality; examples of nonlinear L's & C's

6. natural response R-C & R-L circuits; unit step and forced response for R-L & R-C
7. natural response series & parallel R-L-C circuits; unit step forced response
8. sinusoidal forcing function; phasor concept; impedance & admittance; complex power
9. complex frequency & frequency response; series & parallel resonance
10. fundamentals of filter design
11. mutual inductance, linear transformer; two-port networks

C. Assessment Methods

The evaluative tools may include any or all of the following as specified by the individual instructor's syllabus: objective examinations, research reports, laboratory reports, online activities and discussion, quizzes, projects, and papers.

D. Reference

Students use educational resources as approved by the department and specified in the individual instructor's syllabus.

[Real Estate Law and Conveyancing \(LAWS210\)](#): Section IV. Prerequisites of the Master Course Outline has changed to: "Prerequisite: LAWS100 (C or better)."

SECTION 4: COLLEGE INFORMATION

[Admissions, International Student Applicant](#): This page has been removed from the catalog:

I. International Student Applicant

Non-immigrant students seeking F-1 International Student status must complete the following documentation:

- Bucks Application for Admission and Information Form
- Certified and English translated academic records of secondary and any post secondary education
- Official results of TOEFL (Test of English as a Foreign Language) if English is not your native language
- Affidavit of Financial Support and a bank statement and bank letter reflecting, in U.S. dollars, the funds available to the student
- Affidavit of Sponsor Room and Board with deed or lease of the property
- Copies of passport and other immigration documents
- Other information as required for specific cases (see application for details)

In order to allow the time needed to process applications for students requiring an I-20, the Admissions Office must receive application materials by the following deadlines:

July 1 - for the Fall semester
November 1 - for the Spring semester

Other non - U.S. citizens seeking admission to the College, including Resident Aliens, should follow the regular application process but must supply proof of immigration status.

Please contact the Admissions Office for application materials and information or download the information from the College's International Student Website.

Any non-immigrant individual wishing to obtain an F-1 student visa through the United States government must first complete all documents required by Bucks County Community College, along with any necessary government forms. Application materials and information can be obtained through our International Student Website.

Other non-U.S. citizens seeking admission to the College, including Resident Aliens, should follow the regular application process but must supply proof of immigration status. Please note that any visa holder authorized to attend credit classes while in the United States is not considered a legal resident for purposes of tuition.