# Coastline College Curriculum Committee Agenda Revised

2/26/2021, 1:30 pm

CCC Curriculum Zoom Room

**Committee Mandate: To approve College curriculum.**

## CALL TO ORDER

* 1. Welcome
  2. Adoption of Agenda
  3. Approval of Minutes: 11/13/2020 and 12/4/2020

## REPORTS

* 1. Articulation Report: Daniel Weber

## CONSENT CALENDAR

* 1. 2021-2022 Curriculum Committee Guidelines

Approval of meeting dates and submission deadlines

* 1. Course Reinstatement

**Effective Spring 2021**

* + 1. CST C274 – Red Hat System Administration 2
  1. Course Suspensions

**Effective Fall 2021**

* + 1. CST C390A – Network Laboratory
    2. CST C390B – Network Laboratory
    3. CST C391L – Network Laboratory

Courses are no longer being offered.

* 1. Course CB Code Changes

**Effective Fall 2021**

**From To**

* + 1. CMST C060N – Introduction to eSports

TOP Code (CB03) 0601.00 4930.10

* + 1. ENGL C060N – Introduction to Esports

TOP Code (CB03) 1501.00 4930.10

* + 1. ENGL C065N – Technical Writing

Noncredit Category (CB22) J I

Aligning with State Chancellor’s Office requirements.

* 1. Revision to Program TOP/CIP Codes

**Effective Fall 2021**

* + 1. Elementary Teacher Education – Associate of Arts for Transfer

**From To**

TOP Code 0601.00 4930.10

CIP Code 13.9999 13.1202

Aligning with State Chancellor’s Office requirements.

* 1. Program Retirement

**Effective Fall 2021**

* + 1. Educational Studies – Certificate of Accomplishment

Program no longer being offered.

## DISCUSSION ITEMS

* 1. Minimum and Maximum Class Size – Deborah Henry

Should it appear on the Course Outline of Record?

## ACTION ITEMS

* 1. New Courses: Credit

**Effective Fall 2021**

* + 1. BIOL C194 – Labs Skills in Cell and Molecular Biology

Semester length: 4 lecture hours/16 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: none: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This laboratory class teaches technical skills needed in biotechnology, specifically geared toward cellular and molecular biology techniques. Skills learned include the ability to apply the processes of scientific inquiry and experimental design to the study of biological concepts, the ability to use the compound microscope, aseptic technique, common techniques used in the biotech laboratory, and the use of laboratory equipment used in biotechnology. Transfer credit: CSU.

Originator: Deborah Henry

* + 1. CST C255B – Cybersecurity Analyst+

Semester length: 54 lecture hours/14 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: CST C230 and C232B: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This course emphasizes the protection of critical industry infrastructure including topics such as threat management, software and systems security, security operations monitoring, incident response, and compliance assessment tools. Through hands-on exercises, students will learn the practical application of intermediate-level security skills using a variety of industry-recognized security tools. The course provides a hands-on focus on Information Technology (IT) security process and procedures to help students prepare for careers such as Security Engineer, Vulnerability Analyst, and Threat Intelligence Analyst. This course is identical to CYBR C255.Transfer credit: CSU.

Originator: Brandon Brown

* + - 1. Distance Learning Approval Requested for CST C255B

Internet

Internet/Classroom Hybrid

* + 1. CYBR C130 – Introduction to Security

Semester length: 54 lecture hours/14 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: CST C128: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This course introduces the concepts of enterprise security, network and application attacks, cybersecurity resilience, secure network designs, and incident response. The principles and structure of threats, attacks, and vulnerabilities are surveyed to provide a foundation for further study of cybersecurity. This course covers governance, risk, and compliance to examine the nature and roles of organizational security policies and risk management processes. Hands-on exercises help students develop skills to prepare for careers such as Security Administrator or Systems Administrator. Preparation for the CompTIA Security+ certification exam. This course is identical to CST C230. Transfer credit: CSU.

Originator: Tobi West

* + - 1. Distance Learning Approval Requested for CYBR C130

Internet

Internet/Classroom Hybrid

Live Interactive 2-way

* + 1. CYBR C132 – Introduction to Ethical Hacking

Semester length: 54 lecture hours/14 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: CST C230: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This course is an introduction to the ethical and legal issues pertaining to network and computer security testing. Students will explore an introduction to the hacking methodology and network penetration testing using industry-recognized tools. Hands-on assignments will be used to help students develop introductory technical skills relevant to entry-level cybersecurity professionals, including demonstration of tools that can be used to gain information about a computer network, web applications, and databases. This course is intended for students with computer experience and an interest in cyber defense for private organizations. This course is identical to CST C232B. Transfer credit: CSU.

Originator: Tobi West

* + - 1. Distance Learning Approval Requested for CYBR C132

Internet

Internet/Classroom Hybrid

* + 1. CYBR C234 – Web Application Security

Semester length: 54 lecture hours/14 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: CST C230 and C232B: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This course introduces the concepts of the Open Web Application Security Project (OWASP) top 10 vulnerabilities for websites and web applications. A survey of secure configurations and software development pertaining to web servers and web applications provides students with the fundamental information needed to protect systems against cyberattacks. Hands-on exercises using industry-recognized tools for application security audit and assessment help students develop skills to prepare for careers as an Application Security Architect or Software Engineer. This course is identical to CST C234. Transfer credit: CSU.

Originator: Tobi West

* + - 1. Distance Learning Approval Requested for CST C234

Internet

Internet/Classroom Hybrid

Live Interactive 2-way

* + 1. CYBR C242 – PenTest+

Semester length: 54 lecture hours/14 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: CST C230 and C232B and C128 or C201D: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This course introduces the concepts of planning and scoping assessments, legal and compliance requirements, vulnerability scanning, and penetration testing using industry-recognized tools and techniques. This course covers the development of a written report that contains proposed remediation techniques and provides practical recommendations that can be effectively communicated to management. Hands-on exercises help students develop skills to prepare for careers such as Vulnerability Tester and Network Security Operations. Preparation for the CompTIA PenTest+ certification exam. This course is identical to CST C242. Transfer credit: CSU.

Originator: Tobi West

* + - 1. Distance Learning Approval Requested for CYBR C242

Internet

Internet/Classroom Hybrid

Live Interactive 2-way

* + 1. CYBR C255 – Cybersecurity Analyst+

Semester length: 54 lecture hours/14 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: CST C230 and C232B: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This course emphasizes the protection of critical industry infrastructure including topics such as threat management, software and systems security, security operations monitoring, incident response, and compliance assessment tools. Through hands-on exercises, students will learn the practical application of intermediate-level security skills using a variety of industry-recognized security tools. The course provides a hands-on focus on Information Technology (IT) security process and procedures to help students prepare for careers such as Security Engineer, Vulnerability Analyst, and Threat Intelligence Analyst. This course is identical to CST C255B. Transfer credit: CSU.

Originator: Tobi West

* + - 1. Distance Learning Approval Requested for CYBR C255

Internet

Internet/Classroom Hybrid

* + 1. CYBR C270 – Certified Information Systems Security Professional

Semester length: 54 lecture hours/14 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: CST C128 and C230: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

Students will explore the eight domains of information security known as the CISSP Common Body of Knowledge (CBK). Domain topics covered include security and risk management, asset security, security architecture and engineering, communications and network security, identity and access management, security assessment and testing, security operations, and software development security. Concepts covered will help students understand management level issues relevant to cybersecurity professionals, with roles such as IT Director/Manager, Security Systems Engineer, Security Analyst, Security Manager, Security Auditor, and Security Architect. Completing this course does not guarantee CISSP certification; however, the course addresses the exam objectives defined by (ISC)2 for the CISSP certification exam. This course is intended for students with computer experience and an interest in cyber defense for private organizations or government law enforcement. This course is identical to CST C260B. Transfer credit: CSU.

Originator: Tobi West

* + - 1. Distance Learning Approval Requested for CYBR C270

Internet

Internet/Classroom Hybrid

Live Interactive 2-way

* + 1. CYBR C271 – Become a Security Consultant

Semester length: 54 lecture hours/14 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: CST C128 and C230: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This course introduces the concepts of professional security consulting for students with prior security training and work experience. Topics covered include types of security consulting, qualifications, setting up practice and finding clients, security tools and audits, and ethics for security consultants. The fundamentals of security consulting for private and government organizations are surveyed. Hands-on exercises using industry-recognized tools for security audit and assessment help students develop skills to prepare for a career as a Security Consultant. This course is identical to CST C271. Transfer credit: CSU.

Originator: Tobi West

* + - 1. Distance Learning Approval Requested for CYBR C271

Internet

Internet/Classroom Hybrid

Live Interactive 2-way

* + 1. CYBR C291 – CompTIA Advanced Security Practitioner

Semester length: 54 lecture hours/14 non-lecture hours; Prerequisite: none; Corequisite: none; Advisory: CST C230: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This course emphasizes advanced security topics such as risk management, enterprise security architecture, enterprise security operations, technical integration of enterprise security. Through practice exercises, students will learn about the impact of industry trends on organizational security. The course focuses on Information Technology (IT) security process and procedures to help students prepare for careers including Security Architect, Application Security Engineer, and Technical Lead Analyst. This course is identical to CST C231. Transfer credit: CSU.

Originator: Tobi West

* + - 1. Distance Learning Approval Requested for CYBR C291

Internet

Internet/Classroom Hybrid

* + 1. GEOG C180L – Physical Geography Lab

Semester length: 54 non-lecture hours; Prerequisite: GEOG C180 with a minimum grade of C OR concurrent enrollment in GEOG C180.; Corequisite: none; Advisory: none: fee: none; grading method: standard letter grade or pass/no pass; repeatability: none.

This course is designed to provide supplemental exercises in topics covered in Physical Geography lecture. Lab experience will include map analysis and interpretation, weather prognostication, landform processes and evolution, tectonics, biogeography, and habitat analysis. Transfer credit: CSU.

Originator: Robert Franklin

* + - 1. Distance Learning Approval Requested for GEOG C180L

Internet

Internet/Classroom Hybrid

* 1. New Courses: Noncredit

**Effective Fall 2021**

* + 1. MATH C008N – Preparation 1 for College Math; 55 hours, Noncredit

Semester length: 55 lecture hours; Prerequisite: none; Corequisite: none; Advisory: multiple measures assessment: fee: none; grading method: pass/no pass/satisfactory progress; repeatability: 3.

One of two free noncredit courses leading to the Preparation for College Math Skills certificate, C008N is for students who seek to improve or refresh their mathematics reasoning and computational skills, prior to enrolling in MATH C100, C115, C120, C150, and C160. Topics include mathematical skills from arithmetic and pre-algebra including whole, integers, rational, and decimal numbers, conversions among fractions, decimals and precents; ratios and proportions; measurements with U.S. measurement system and the Metric system; understanding variables and solving equations. Not transferable.

Originator: Lisa Lee

* + - 1. Distance Learning Approval Requested for MATH C008N

Internet

Internet/Classroom Hybrid

Live Interactive 2-way

* + 1. MATH C010N – Preparation 2 for College Math; 72 hours, Noncredit

Semester Length: 72 lecture hours; Prerequisite: none; Corequisite: none; Advisory: multiple measures assessment: fee: none; grade: pass/no pass/satisfactory progress; repeatability: 3.

One of two free noncredit courses leading to the Preparation for College Math Skills certificate, C010N is for students who seek to improve or refresh their mathematics reasoning and algebra skills, prior to enrolling in MATH C100, C115, C120, C150, and C160. Topics include numerical and algebraic operations, number systems, linear and quadratic equations/inequalities, polynomials, factors, roots, exponents, logarithms, and applications. Not transferable.

Originator: Lisa Lee

* + - 1. Distance Learning Approval Requested for MATH C010N

Internet

Internet/Classroom Hybrid

Live Interactive 2-way

* 1. **Course Revisions**: Credit-Major

**Effective Fall 2021 unless otherwise noted**

FROM TO

* + 1. CIS C155 – Introduction to Java Programming

Title Introduction to Programming Using Java

Introduction to Java Programming

Lab Hours 18 14

See CurricUNET for changes to description, justification, SLOS, objectives, content, instructional techniques, methods of evaluation, textbooks, DE addendum

Originator: Tobi West

* + 1. CST C128 – Network+

Lab Hours 18 14

See CurricUNET for changes to description, justification, advisory, SLOs, objectives, content, instructional techniques, assignments, methods of evaluation, textbooks, DE addendum

Originator: Tobi West

* + 1. CST C177A – MD-100: Windows 10

Title Configuring Windows 10

MD-100: Windows 10

Lab Hours 0 14

See CurricUNET for changes to description, advisory, SLOs, objectives, content, assignments, methods of evaluation, textbooks, DE addendum

Originator: Tobi West

* + 1. CST C230 – Introduction to Security

Lab Hours 18 14

See CurricUNET for changes to crosslisted with CYBR C130, description, justification, assigned disciplines, SLOs, objectives, content, methods of instruction (+AV two way), instructional techniques, assignments, methods of evaluation, textbooks, DE addendum

Originator: Tobi West

* + 1. CST C231 – CompTIA Advanced Security Practitioner

Lab Hours 18 14

See CurricUNET for changes to description, justification, SLOs, objectives, content, assignments, methods of evaluation, textbooks, DE addendum

Originator: Tobi West

* + 1. CST C234 – Web Application Security

Title Ethical Hacking for Web Applications

Web Application Security

See CurricUNET for changes to crosslisted with CYBR C234, description, justification, SLOs, objectives, content, methods of instruction (+ AV two way), assignments, methods of evaluation, textbooks

Originator: Tobi West

* + 1. CST C242 – PenTest+

Lab Hours 18 14

See CurricUNET for changes to crosslisted with CYBR C242, description, advisory, SLOs, objectives, methods of instruction (+ AV two way), textbooks

Originator: Tobi West

* + 1. CST C248B – Wireless Networking

Number C248 C248B

Lab Hours 18 14

See CurricUNET for changes to description, justification, SLOs, objectives, content, instructional techniques, assignments, methods of evaluation, textbooks, DE addendum

Originator: Brandon Brown

* + 1. CST C271 – Become a Security Consultant

Units 1.5 3

Lecture Hours 27 54

Lab Hours 9 14

See CurricUNET for changes to crosslisted with CYBR C271, description, justification, prerequisite removed, advisory added, assigned disciplines, SLOs, objectives, content, methods of instruction (+online, hybrid, AV two way), instructional techniques, assignments, methods of evaluation, textbooks, DE addendum

Originator: Tobi West

* + - 1. Distance Learning Approval Requested for CST C271

Internet

Internet/Classroom Hybrid

Live Interactive 2-way

* + 1. CST C274 – Red Hat System Administration 2

**Effective Spring 2021**

Title Red Hat System Administration 2 version 7

Red Hat System Administration 2

Lab Hours 18 14

See CurricUNET for changes to objectives, assignments, DE addendum

Originator: Tobi West

* + 1. MS C100 – Principles of Management

**Effective Fall 2021**

Title Business Organization and Management

Principles of Management

See CurricUNET for changes to description, justification, SLOS, objectives, content, assignments, methods of evaluation, textbooks

Originator: Erin Thomas

* 1. **Course Revisions**: Credit-Minor

**Effective Fall 2021**

* + 1. CIS C157 – Introduction to Python Programming

See CurricUNET for changes to description, justification, advisory, assigned disciplines, SLOs, objectives, instructional techniques, assignments, methods of evaluation, DE addendum

Originator: Tobi West

* + 1. MATH C115 – College Algebra

See CurricUNET for changes to objectives, content, textbooks

Originator: Lisa Lee

* 1. New Programs: Credit

**Effective Fall 2021**

* + 1. Business Administration 2.0 – Associate in Science Degree for Transfer

The Associate in Science in Business Administration for Transfer is designed to provide students with the common core of lower-division courses required to transfer and pursue a baccalaureate degree in Business Administration. This includes business degrees with options such as accounting, finance, human resource management, international business, management, operations management, and marketing.

Core discipline courses focus on introductions to accounting, business, economics, business law, business communication, and business math. These courses will assist students in selecting their field of business specialization and they provide the foundation for future study of contemporary business and management.

Program Level Student Learning Outcomes

1. Analyze and recommend effective business decisions/solutions using a systematic, evaluative, and information-based approach.
2. Develop and exhibit high standards of professional practice, demonstrate awareness of ethical and social responsibility in today’s multicultural, team-oriented, changing environment.
3. Effectively communicate solutions to business problems using appropriate language and tools through demonstrating an understanding of business terms and concepts.

**Required Core**

ACCT C101 – Financial Accounting 4

ACCT C102 – Managerial Accounting 4

ECON C170 – Principles of Microeconomics 3

ECON C175 – Principles of Macroeconomics 3

BUS C110 – Business Law/Legal Environment

of Business 3

MATH C140 – Business Calculus 4

**OR** MATH C150 – Finite Mathematics with

Applications 4

MATH C160 – Introduction to Statistics 4

BUS C100 – Introduction to Business 3

**OR** ENGL C136 – Business Communication 3

**Subtotal 28**

Additional CSU General Education Breadth or IGETC Pattern plus electives for a total of 60 units.

**Total Units 60**

Originator: Erin Thomas

* 1. Revise Programs: Credit

**Effective Fall 2021**

* + 1. IT Support Specialist Certificate of Accomplishment

**From To**

Title CompTIA IT Support Specialist

See CurricUNET for changes to career opportunities

Originator: Tobi West

* + 1. Management – Associate of Arts

Required Course: Delete BUS C120 – Personal Finance

Required Course: Add MS C100 – Principles of Management

MS C104 – Human Resources Management

Restricted Elective: Delete MS C100 – Principles of Management

MS C104 – Human Resources Management

Restricted Elective: Add BUS C118 – Introduction to International Business

BUS C120 – Personal Finance

CMST C100 – Interpersonal Communication

Units: Increase total program/major units/hours from 24-26 to 27-29

See CurricUNET for changes to description, career opportunities

Originator: Erin Thomas

* + 1. Management – Certificate of Achievement

Required Course: Delete BUS C120 – Personal Finance

Required Course: Add MS C100 – Principles of Management

Restricted Elective: Delete MS C100 – Principles of Management

Restricted Elective: Add BUS C118 – Introduction to International Business

BUS C120 – Personal Finance

CMST C100 – Interpersonal Communication

See CurricUNET for changes to description, career opportunities

Originator: Erin Thomas

* + 1. Preprofessional Laboratory Experience – Skills Certificate

Restricted Elective: Add BIOL C194 – Lab Skills in Cell and Molecular

Biology

See CurricUNET for changes to description, PSLOs

Originator: Deborah Henry

* + 1. Science and Math – Associate of Arts

Restricted Elective: Add GEOG C180 – Physical Geography

See CurricUNET for changes to career opportunities

Originator: Lisa Lee

* 1. Revise Programs: Noncredit
     1. Animal Care – Certificate of Completion

Required Course: Add SPED C061N Vocational Preparation and

Readiness

Hours: Increase total program/major hours from 160 to 176-224

Originator: Katie Stubblefield

* + 1. Culinary Arts– Certificate of Completion

Required Course: Add SPED C061N Vocational Preparation and

Readiness

Hours: Increase total program/major hours from 216-308 to 232-372

Originator: Katie Stubblefield

* + 1. Horticulture – Certificate of Completion

Required Course: Add SPED C009N – Applied Academics

~~SPED C061N Vocational Preparation and~~

~~Readiness~~

Hours: Increase total program/major hours from 256-304 to 296-344

Originator: Katie Stubblefield

* + 1. Porter – Certificate of Completion

Required Course: Add SPED C061N Vocational Preparation and

Readiness

Hours: Increase total program/major hours from 152 to 168-216

Originator: Katie Stubblefield

* 1. Program Suspensions: Credit
     1. Computer Networking: Microsoft Windows Server – Associate of Science

Originator: Tobi West

* + 1. Computer Networking: Microsoft Windows Server – Certificate of Achievement

Originator: Tobi West

* + 1. Economics – Associate of Arts

Originator: Stacey Smith

* + 1. MCSA: Microsoft Windows Server 2016 – Certificate of Accomplishment

Originator: Tobi West

* + 1. MCSA: Windows 10 – Certificate of Specialization

Originator: Tobi West

* + 1. MCSA: Windows Server 2016 – Certificate of Specialization

Originator: Tobi West

## ADJOURNMENT

Documents Distributed:

1. Curriculum Committee Mtg Guidelines 2021-2022 DRAFT

Next Meeting: March 19, 2021

Due date for submitting proposals in CurricUNET for inclusion on the agenda: Monday, March 8, 2021 with proposals clearing Dean’s queue by Thursday, March 11, 2021

*In accordance with the Ralph M. Brown Act and Senate Bill 751, minutes of the Coastline Curriculum Committee record the votes of all Members as follows: (1) members recorded as absent are presumed not to have voted; (2) the names of members voting in the minority or abstaining are recorded; (3) all other members are presumed to have voted in the majority.*