Curriculum Committee

FLORIDA SOUTHWESTERN STATE COLLEGE

Discontinuation of Program, Certificate, or Course Proposal

School or Division	School of Business and Technology
Proposed by (faculty only)	Melinda Lyles
Presenter (faculty only)	LeRoy Bugger
Note that the presenter (faculty) listed above must be present at the Curriculum Committee meeting or the proposal will be returned to the School or Division and must be resubmitted for a later date.	
Submission date	11/12/2019
Course prefix, number, and title	**CGS 2260 – Computer Hardware and Software Maintenance**

All Curriculum proposals require approval of the Curriculum Committee and the Provost. Final approval or denial of a proposal is reflected on the completed and signed proposal.

☒ Approve ☐ Do Not Approve

Mary R. Myers — *Curriculum Committee Chair Signature*

12/10/19 — *Date*

☑ Approve ☐ Do Not Approve

Provost Signature

12-12-19 — *Date*

All Curriculum proposals require review by the Office of Accountability & Effectiveness.

☑ Reviewed

Office of Accountability & Effectiveness Signature

1/6/2020 — *Date*

Revised: 6/18

Section I, Important Dates and Endorsements Required

NOTE: Course and Program changes must be submitted by the dates listed on the published Curriculum Committee Calendar. Exceptions to the published submission deadlines must receive prior approval from the Provost' Office.

Term in which approved action will take place	Fall 2020
Provide an explanation below for the requested exception to the effective **date.**	

Any exceptions to the term start date requires the signatures of the Academic Dean and Provost prior to submission to the Dropbox.		
Dean	**Signature**	**Date**
Dr. Debbie Psihountas, Dean		
Provost	**Signature**	**Date**
Dr. Eileen DeLuca		

Required Endorsements	**Type in Name**	**Select Date**
Department Chair or Program Coordinator/Director	Dr. Roger Webster / LeRoy Bugger	11/12/2019
Academic Dean or Provost	Dr. Debbie Psihountas, Dean	11/12/2019

List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).
The Computer Science Chair and faculty have endorsed the termination of this course: Dr. George Kodsey and Dr. Roger Webster, Melinda Lyles, Debbie Johnson

Section II, Action

Please select one of the following	Discontinuation of Course

Section III, Complete for Program Discontinuation

Select program or certificate of discontinuation	
Explain (below) the reason for the discontinuation	
Teach out plan required: SACSCOC requires a teach out plan for the discontinuation of programs or certificates. Please refer to the teach out plan template available on the document manager. Attach the teach out plan to this document.	
If this program or certificate discontinuation will require discontinuing courses, complete section IV	

Section IV, Complete for Course Discontinuation

Enter course(s) to be discontinued (add rows if necessary)	
Course Prefix and Number	**Course title** (as listed in the catalog)
CGS 2260	Computer Hardware and Software Maintenance

Section V, Justification for Proposal

Provide justification (below) for this proposed curriculum action
Due to the evolution of technology, **CGS 2260 Computer Hardware and Software Maintenance** has been discontinued and replaced with **CTS 1131 Computer Hardware** and **CTS 1133 Computer Software.** The Catalog deletion of CGS 2260 was an oversight. CTS 1131 and CTS 1133 exist in the curriculum, and the replacements of CGS 2260 have already been made in the Catalog requirements for these programs: **AS in Computer Programming and Analysis, AS in Network Systems Technology, and Information Technology Support Specialist, CCC.**

CTS 1131 and CTS 1133 have already replaced CGS 2260 in the Information Technology Support Specialist CCC, Network Systems Technology AS, and Computer Programming and Analysis AS requirements, as shown below:

Information Technology Support Specialist, CCC

Purpose

A College Credit Certificate consists of a program of instruction of less than sixty (60) credits of college-level courses, is part of an AS degree program and prepares students for entry into employment.

The College Credit Certificate (CCC) Information Technology Support Specialist program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Information Technology field.

The content includes but is not limited to installation of information technology equipment, troubleshooting information technology equipment, and supporting information technology users.

Program Structure

This program is a planned sequence of instruction consisting of 18 credit hours of Core Information Technology course work. Students completing this College Credit Certificate can transfer the credits directly to the Networking Services Technology and Computer Programming and/or Computer Programming and Analysis AS Degrees.

Course Prerequisites

Many courses require prerequisites. Check the description of each course in the list below to check for prerequisites, minimum grade requirements, and other restrictions related to the course. Students must complete all prerequisites for a course prior to registering for it.

Certificate Completion/Graduation

Students must fulfill all requirements of their program major in order to be eligible for graduation. Students must indicate their intention to attend commencement ceremony, by completing the Commencement Form by the published deadline.

Information Technology Support Specialist Certificate Requirements: 18 Credit Hours

CGS 2108 - Computer Applications with Flowcharting **3 credits**
CIS 2321 - Systems Analysis and Design **3 credits**
CNT 1000 - Computer Networking Essentials **3 credits**
CTS 1131 - Computer Hardware **3 credits**
CTS 1133 - Computer Software **3 credits**
Any COP, CGS, CTS, CNT, CIS, CAP, or EET prefix course at the 1000 or 2000 level **3 credits**

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 5/18, 6/18; 10/18

Total Certificate Requirements: 18 Credit Hours

Information is available online at: www.fsw.edu/academics/or on the School of Business and Technology Home Page at: www.fsw.edu/sobt.

Retrieved from
http://catalog.fsw.edu/preview_program.php?catoid=11&poid=699

Network Systems Technology, AS

Purpose

The Associate in Science (AS) in Network Systems Technology program offers a sequence of courses that present coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers such as cabling specialists, network control operators, data communications analysts, network technicians, computer security specialists, network specialists, network managers, network systems analysts, network systems technicians, network troubleshooters, WAN/LAN managers, or systems administrators.

The content includes but is not limited to planning, installing, configuring, monitoring, troubleshooting and managing computer networks in a LAN/WAN environment. Students will be prepared to apply conceptual and theoretical knowledge to the workplace utilizing technical skills learned during the program.

Program Structure

This program is a planned sequence of instruction consisting of 60 credit hours in the following areas: 18 credit hours of General Education Requirements, 39 credit hours of Network Systems Technology Core, and 3 credit hours of General Electives. The Network Security Certificate is a 30 credit hour certificate that prepares students for entry into employment and is comprised of core courses in the AS Network Systems Technology degree. The Information Technology Support Specialist Certificate is an 18 credit hour certificate that also prepares students for entry into employment and is comprised of core courses in the AS Network Systems Technology degree. As such, either or both can be earned before the student has earned the AS Network Systems Technology degree.

Course Prerequisites

Many courses require prerequisites. Check the description of each course in the list below to check for prerequisites, minimum grade requirements, and other restrictions related to the course. Students must complete all prerequisites for a course prior to registering for it.

Graduation

Students must fulfill all requirements of their program major in order to be eligible for graduation. Students must indicate their intention to attend commencement ceremony, by completing the Commencement Form by the published deadline.

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 5/18, 6/18; 10/18

General Education Requirements: 18 Credit Hours

ENC 1101 - Composition I **3 credits**
ENC 1102 - Composition II **3 credits**

SPC 1017 - Fundamentals of Speech Communication **3 credits**
OR
SPC 2608 - Introduction to Public Speaking **3 credits**

PHI 2100 - Introduction to Logic **3 credits**
Any General Education Mathematics Course (MAC 1105 -College Algebra or STA 2023 -Statistical Methods I recommended) **3 credits**
Any General Education Social Sciences Course (ECO 2013 - Economics I recommended) **3 credits**

Network Systems Technology, AS Degree Core Requirements: 39 Credit Hours

CGS 2108 - Computer Applications with Flowcharting **3 credits**
CIS 2321 - Systems Analysis and Design **3 credits**
CNT 1000 - Computer Networking Essentials **3 credits**
CTS 1131 - Computer Hardware **3 credits**
CTS 1133 - Computer Software **3 credits**
CTS 2120 - Computer and Network Security (Security+) **3 credits**

CTS 2142 - Introduction to Project Management **3 credits**
OR
MAN 2582 - Principles of Project Management **3 credits**

CTS 2321 - Linux Internet Servers **3 credits**
CTS 2334 - Microsoft Windows Server **3 credits**
CTS 2655 - Internetworking with Cisco Routers **3 credits**
MAN 2021 - Management Principles **3 credits**

SLS 1331 - Personal Business Skills **3 credits**
OR
SLS 1515 - Cornerstone Experience **3 credits**

Any 1000 or 2000 level computer course with a CGS, CTS, CNT, CIS, CAP, or EET prefix **3 credits**

Approved Electives: 3 Credit Hours

Any 1000 or 2000 level course **3 credits**

Total Degree Requirements: 60 Credit Hours

Information is available online at: www.fsw.edu/academics/ or on the School of Business and Technology Home Page at: www.fsw.edu/sobt

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 5/18, 6/18; 10/18

Retrieved from http://catalog.fsw.edu/preview_program.php?catoid=11&poid=692

Computer Programming and Analysis, AS

⇦ Return to: Programs of Study

Purpose

The Associate in Science (AS) in Computer Programming and Analysis program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers such as entry level programmers, programmer specialists, computer programmers, senior programmers, chief business programmers, programmer analysts, and information systems programmers.

The content prepares individuals to analyze business situations and to design, develop and write computer programs; to store, locate, and retrieve specific documents, data, and information; analyze problems using logic/analysis tools, code into computer language; test, monitor, debug, document and maintain computer programs. More than one programming language is addressed in this degree program.

Program Structure

This program is a planned sequence of instruction consisting of 60 credit hours in the following areas: 18 credit hours of General Education Requirements and 42 credit hours Computer Programming and Analysis Core Requirements (which includes 6 credit hours of a Programming Language and 6 credit hours of Specified Electives).

The Computer Programmer Certificate is a 33 credit hour certificate and the Computer Programming Specialist Certificate is an 18 credit hour certificate; both of which prepare students for entry into employment and are comprised of core courses in the AS Computer Programming and Analysis degree. As such, they can be earned before the student has earned the AS Computer Programming and Analysis degree.

Course Prerequisites

Many courses require prerequisites. Check the description of each course in the list below to check for prerequisites, minimum grade requirements, and other restrictions related to the course. Students must complete all prerequisites for a course prior to registering for it.

Graduation

Students must fulfill all requirements of their program major in order to be eligible for graduation. Students must indicate their intention to attend commencement ceremony, by completing the Commencement Form by the published deadline.

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 5/18, 6/18; 10/18

General Education Requirements: 18 Credit Hours

ENC 1101 - Composition I **3 credits**
ENC 1102 - Composition II **3 credits**

SPC 1017 - Fundamentals of Speech Communication **3 credits**
OR
SPC 2608 - Introduction to Public Speaking **3 credits**

PHI 2100 - Introduction to Logic **3 credits**
Any General Education Mathematics Course (MAC 1105 -College Algebra or STA 2023 -Statistical Methods I recommended) **3 credits**
Any General Education Social Sciences Course (ECO 2013 - Principles of Macroeconomics recommended) **3 credits**

Computer Programming & Analysis Core Requirements: 42 Credit Hours

CGS 2108 - Computer Applications with Flowcharting **3 credits**
CIS 2321 - Systems Analysis and Design **3 credits**
COP 1000 - Introduction to Computer Programming **3 credits**
COP 1822 - Internet Programming HTML **3 credits**
COP 2800 - Java Programming **3 credits**

COP 2823 - Advanced Microsoft Web Development **3 credits**
OR
COP 2830 - Internet Programming HTML II **3 credits**

CTS 1131 - Computer Hardware **3 credits**
CTS 1133 - Computer Software **3 credits**
MAN 2021 - Management Principles **3 credits**

SLS 1331 - Personal Business Skills **3 credits**
OR
SLS 1515 - Cornerstone Experience **3 credits**

Choose *one* from the two-course language sequence groupings below:

Visual Basic Sequence - 6 credits
COP 1170 - Visual Basic Programming I **3 credits**
COP 2171 - Visual Basic Programming II **3 credits**

C++ Sequence - 6 credits
COP 1224 - Programming with C++ **3 credits**
COP 2228 - Advanced Programming with C++ **3 credits**

C# Sequence - 6 credits

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COP 2360 - C# Programming I **3 credits**
COP 2362 - C# Programming II **3 credits**

Specified Electives:

Any 1000 or 2000 level computer course with a COP or CTS prefix **3 credits**
Any 1000 or 2000 level computer course with a COP, CGS, CTS, CNT, CIS, or CAP prefix **3 credits**

Total Degree Requirements: 60 Credit Hours

Information is available online at: www.fsw.edu/academics/ or on the School of Business and Technology Home Page at: www.fsw.edu/sobt

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Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 5/18, 6/18; 10/18