

Computer Information Systems Technology [Cyber and Related]

Instructional Faculty Consortium Committee

Monday, May 2, 2022

1:00 pm – 3:30 pm

Webex

Meeting Agenda

- I. **Call to Order**
- II. **CPS Report**.....Oenia Odums
- III. **Program Reports**

- Database.....
- Gaming Tim Drexler, Wiregrass
- Programming Joe Sepielli, Augusta
- Computer Support..... Brianna Greenberg, South Georgia
- Web Design/Development..... Lori Harnist, Central Georgia
- Cybersecurity Jim Poarch, Augusta
- Networking Dwight Watt, Georgia Northwestern

IV. **New Business**

- Elect the following program officers

	Chair	Vice – Chair
Database	✓	✓
Gaming		✓
Web Design/Development		✓

- Resource sharing
- Intel AI for Workforce Train-the-Trainer Report (Attendees below)

Adriane Thomas	Southern Regional
Asad Khan	Gwinnett
Saabirah Bryant	Central Georgia
Steven White	Southern Crescent

V. Open Discussion/ Announcements

VI. Adjourn

Attendees:

Andrew Hartman, Jim Poarch, Chester Smith, Shane Knighton, Joe Sepielli, Andrea Ingram SGTC, Eddy Harden, Jacqueline Farms, Lori Harnist, Christopher Bishop, Dwight Watt, Rocky Spurlock, Steven White, Alesia Sikes, CJ DiNofrio, Victoria Honeycutt, Charles Chapman, Mark Avery - SCTC, Stephanie Moye, Eugene Jones, Tammy Frost, Amanda Aldridge, John Taylor, Tim Drexler, Oenia Odums, Steven Tate, Sean Strickland, Brianna Greenberg, Adriane Thomas, Dr. Albena Asenova-Belal, Helen Hall, Garfield Anderson, Cleo Okere, Gordon Carns, Cuong Nguyen, Patrick Riley, Maylon Walker, Felicia Everidge, Bridget Willis, Joey Johnson, Tara Shackelford, Laree Thomas, Asad Khan, Carl Mayne, Lorenzo Clarke

CPS Report

- In-person IFCC meetings received a favorable response from the VPAAAs when asked during the Leadership Summit held April 25 – 27. I will request approval from the Presidents’ Council to hold our second IFCC meeting in-person later this year.
- I will share information via listserv about Option B from the Secondary Initiative group
- Four faculty attended the Intel AI for Workforce Train-the-trainer in March: Adriane Thomas, Asad Khan, Saabirah Bryant, and Steven White.
- TCSG is launching Google content (Google Career Certificates) in continuing education. Wiregrass Georgia Tech is spearheading this initiative. We are working to offer this content on the credit side as well.

Program Reports (See attached individual program breakout meeting minutes for more detail)

Database [No Chair |Vice-Chair] Currently offered by three schools (Atlanta, Georgia Piedmont, Southern Crescent). No changes or updates were recommended for the database program.

Gaming [Tim Drexler, Chair| No Vice-Chair] Offered by three schools (Wiregrass Georgia, Gwinnett, West Georgia). Recommended change: drop the specialization, Game Design (8GD3), from the diploma and degree.

Programming [Joe Sepielli, Chair| Bridget Willis, Vice-Chair] **Recommended changes:**

1. Increase the credits hours from 3 to 4 for CIST 1510 Web Development I and CIST 1520 Scripting Technologies to cover newer content.
2. Augusta Technical College developed CIST 2388 – Cross-Platform Mobile Programming locally and wants to change the name of CIST 2388 – Cross-Platform Mobile Programming to Web-Platform Mobile Programming to align with what is taught in the course.

Web Design/Development changes: [Lori Harnist, Chair | Charles Cash, Vice-Chair] **Recommended**

Remove requirement of CIST 2921 from diploma and associate degree programs Web Design/Development, Mobile App Development, Web Application Development, User Experience Programs. Removal will reduce total program hours to balance addition of credit hours for CIST 1510, CIST 1520 and CIST 2550.

Computer Support

[Brianna Greenburg, Chair | Tara Shackleford, Vice-Chair]

Recommendations: Removing CIST 2921 course as capstone because students find it to be overwhelming and possibly replacing it with CIST 2130 which incorporates change management and helpdesk support. A subcommittee to expand the competencies of CIST 2130 to strengthen it for a capstone was proposed. Bridget Willis, CGTC and Laree Thomas, CPTC, volunteered to lead the subcommittee. Brianna Greenburg will also work with reviewing the CIST 2130 course competencies. A new listserv devoted to computer support was discussed. Ms. Odums will request this from IT.

Cybersecurity

[Jim Poarch, Chair | Terry Hand, Vice-Chair] **Discussion**

/Recommendations: for CY13/IS23: Listing COMP 1000 as an elective. Proposal: Remove College Success and put an OR operator to select COMP 1000 or CIST Elective for CY13 and IS23 (John Taylor, STC, mentioned this would need to be done for CY12 also. Changing CIST 1602 to a 2600 level course. Jim Poarch stated that CIST 1602 should be a more advanced coverage course. Garfield Anderson, GTC, agreed. John Taylor, STC, did not feel CIST 1602 was designed to be advanced and questioned whether an advanced 2600 level course was needed. Discussion was tabled until next meeting.

Networking

[Dwight Watt, Chair | LaTonya Lewis, Vice-Chair]

Discussion/Recommendations: The Microsoft curriculum has changed and must be updated for all Networking degrees, diplomas and TCCS. The new Microsoft concentration curriculum will include:

- **CIST 2411 and CIST 2412** – updated to 2019/2022 server
- **CIST XXX and CIST XXXX** – Microsoft Azure Cloud developed courses

The Gaming IFCC breakout meeting was held on Thursday, April 21st at 11am. Below are the key points of the discussion:

Attendee: Tim Drexler, Wiregrass (Gaming IFCC Chair)

Active Gaming Program Standards taught across the system:

Location	Major Code	Program Name	Standard
Gwinnett	CSD3	Game Development Degree	Standard
Gwinnett	CSD4	Game Development Diploma	Standard
Gwinnett	CSZ1	Game Developer	Gwinnett
West Georgia	GDS1	Game Development Specialist	Standard
Wiregrass	CSD3	Game Development Degree	Standard
Wiregrass	CSD4	Game Development Diploma	Standard
Wiregrass	GD11	Game Development	Wiregrass

Program updates and recommendations: *(Open for Discussion)*

-drop Game Design (8GD3) from the diploma and degree

Gaming related activities:

Wiregrass has received a \$1.3M grant to create VR simulation software product for lab simulations. Hired 3 programmers to assist with this project.

Programming Program IFCC Breakout Meeting Minutes

Basic Meeting Information:

Meeting Topic: Programming Program IFCC Breakout Meeting

Host: Oenia Odums

Meeting number: 2623 113 6134

Start Time: Thursday, April 21, 2022 01:48:49 PM(GMT -4:00)

End Time: Thursday, April 21, 2022 03:14:07 PM(GMT -4:00)

Meeting Link: tcsf.webex.com

Attendee List:

Oenia Odums, Joe Sepielli, Walker, Maylon, CJ DiNofrio, Tammy Frost, Bridget Willis, Scott, Ronald Enz, Lori Harnist,

Officers:

Joe Sepielli chair and Bridget Willis vice-chair.

Proposal:

Occupational Course change

1. Remove the ACCT 1100 - Financial Accounting, BUSN 1300 - Introduction to Business, and MGMT 1120 - Introduction to Business from CP23 Computer Programming – Degree. The requirement is not needed for jobs.
2. Add CIST 1306 – Programming Foundations – Swift as an or option to the Tier1 programming classes. To keep students from having to take CIST 1305 Program Design and Development. The CIST 1306 have sufficient competencies to meet the prerequisite for Tier 1 programming classes.
3. Add the CIST 1306 – Programming Foundation-Swift, CIST 2301 – Application Development in Swift, and CIST 2302 – Application Development in Swift II to the CP4 Computer Programming – Diploma

Recommendation:

3. Increase the credits hours from 3 to 4 for CIST 1510 Web Development I and CIST 1520 Scripting Technologies to cover newer content.
4. Augusta Technical College developed CIST 2388 – Cross-Platform Mobile Programming locally and wants to change the name of CIST 2388 – Cross-Platform Mobile Programming to Web-Platform Mobile Programming to align with what is taught in the course.

Computer Support Program IFCC Breakout Meeting
April 25, 2022
3:30PM

Attendee List:

Oenia Odums, Andrea Ingram SGTC, Dwight Watt, Jacqueline Farms, Rocky Spurlock, Shane Knighton, Eddy Harden, Tara Shackelford, Alesia Sikes, Brianna Greenberg, Eli Walker, Laree Thomas, Jim Poarch, Bridget Willis

Dwight Watt - Facilitate

Brianna Greenberg - Chair

Vice Chair – Tara Shackelford

Is this program a top performer? South Georgia Tech is a high performer.

Computer support is one of our foundational programs. Programming and Microcomputer specialist were the first two.

Purpose: When we come together as a program body we are to review curriculum and courses. We will make decisions to add or remove courses.

Are the electives listed enough or do we need to guide and shape it so that it is more supportive of the industry?

Suggestions for guided elective?

Do you think COMP 1000 is redundant since we are teaching productivity application course? Comp1000 introduces students to several of the applications.

Office 365 administrator course could be a possibility instead of the productivity application course. Help Desk also may a good course but all may depend on the school and what is used.

Productivity Course: seems that we can have more flexibility. WGTC uses 2120 which is a combo class. Some students will not benefit from each of the applications it just depends on the area and what program of expertise their job may be in. Advantage is that the students learn Word and also utilize Excel.

Make the productivity course an elective is on the table.

Some schools may have more need for support, pc repair, web design etc.

The program as a whole seems more like Technology support than Computer Support. Maybe talk to advisory boards and see what we see in the work.

Cloud technologies is very important so that may be a good course to go into the program and even IOT.

Discussions were mentioned to remove Computer Support but this is a general IT program (a catch all).

2921: shelly Cashman system analysis book. Seeing things as projects. The book and projects go way more in depth and students find it to be overwhelming. Its supposed to be more of a

management course. This is more of a programming course. Originally it was thought to be a capstone course.

It does offer Good change management skills and the book gets pretty intense. This seems more of an IT bachelor degree program course and it would better fit into programming. If we want it removed, We would have to create a new course to fit the program. As the program is created make sure that material has been developed to utilize. Is the capstone really important? This May be a place for the 365 Administrator course. Select some courses that would match the program instead of making all electives.

A lot of schools have transitioned from Computer Support to IT Professional pathway.

One course to consider instead of 2921 is 2130 for Computer support. It has change management and helpdesk support. We may need an IT professional breakout group. It seems that in 2-3 years Computer Support will phase out.

Is it possible that the state could morph the IT support and computer support into One? If a program is to be retired, we have to look to make sure that the program isn't needed or supported. We can see how IT professional works as maybe an introductory program. Computer support is more like a holding program in some schools to see which path students would like to go into.

1305: troubleshooting course may be better than a logic course. Many students have problems in this course.

2130 maybe we can expand the competencies and rewrite the course to strengthen it to make it the capstone course instead of 2921. 2130 would add many more labs. This course would also add in soft skills. Lab component is going to be very important.

HD41 TCC would be a great TCC available.

Laree Thomas to share Lessons and syllabi if needed with the group

Revamping the course is a work session and we would need to decide what needs to be changed and then send to Ms. Odums. All schools would have to be on board.

Volunteer to head up competencies on 2130. Laree Thomas and Bridget Willis would be better to head up the rewrite due to the knowledge they presented on the course. Both ladies agreed to review the competencies along with Brianna Greenburg.

Computer Support ListServ needs to be created. This way we could review the information as a group. Ms. Odums will reach out to IT for creation of the ListServ. Those in attendance will be the ones in the initial group and the message will be sent to all others to see who wants to be in the group.

May 2: 1:30-3:30PM for General Meeting

Productivity course: mention in the ListServ group for approval for elective

Adjourned 4:46PM

Recorder: Tara Shackleford

CIST – COMPUTER INFORMATION SYSTEMS TECHNOLOGY CYBERSECURITY BREAKOUT COMMITTEE



ATTENDEES:

Oenia Odums, TCSG

Jim Poarch, Augusta Technical College

Terry Hand, Ogeechee Technical College

Garfield Anderson

Felicia Everidge

Andrea, Gail

Jacqueline Farms

Shane Knighton

Rocky Spurlock

Alesia Sikes

Sean Strickland

John Taylor

Bridget Willis

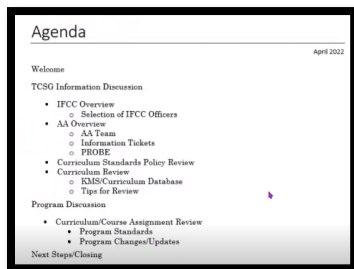
Dr. Albena Asenova

MEETING-MINUTES (04/26/2022)

Oenia Odums started meeting at 1:05, on 04/26/2022.

Oenia Odums introduced herself and discussed her role now at TCSG but also as the new curriculum overall chair for Cybersecurity.

Oenia Odums shared the Agenda for the IFCC general/overall meeting.



Oenia introduced **Jim Poarch as Chair for Cybersecurity**. There is no current vice-chair. Jason did temporarily serve as vice-chair. Oenia made it clear it was important we establish a chair and vice-chair before the meeting ends. Jim and

Oenia proceeded by explaining why we are meeting and the importance of the overall general meeting but more specifically the importance of meeting in the breakout sessions, like the Cybersecurity breakout session. The biggest thing we are doing here is Curriculum Review and we have not had a meeting like this since 2018.

Question (Jim Poarch): We have two degree programs. IS23 (72-hour) and CY13 (60-hour). Who is doing the 72-hour program and who is doing the 60-hour?

- Teachers feel that 72-hours is not enough. The 60-hour program came about due to original restriction (any new program has to be 60-hour). Jim Poarch asked 'Can programs move from 60-hour to 72-hour?'
- Oenia cannot give guidance at this time until she checks into this.
- Jim and others feel there is a lot of content you cannot get done in the 60-hour.
- John Taylor has found electives from IT area and from Operating Systems Linux and more.

CY13-Cybersecurity Degree

IS23-Cybersecurity Degree

Occupational Courses	
CIST 1001 - Computer Concepts (201216)	4 hrs
CIST 1122 - Hardware Installation and Maintenance (201003)	4 hrs
Select one of the following	
COLL 1010 - College and Career Success Skills (201512)	3 hrs
COMP 1000 - Introduction to Computer Literacy (201712)	3 hrs
Introductory-Level Networking Class	
CIST 1401 - Computer Networking Fundamentals (201003)	4 hrs
CIST 2451 - Introduction to Networks - CISCO (202014)	4 hrs
CIST 1601 - Information Security Fundamentals (201003)	3 hrs
CIST 1602 - Security Policies and Procedures (201003)	3 hrs
CIST 2601 - Implementing Operating Systems Security (201003)	4 hrs
CIST 2602 - Network Security (201003)	4 hrs
CIST 2611 - Network Defense and Countermeasures (201512)	4 hrs
CIST 2612 - Computer Forensics (201003)	4 hrs
CIST 2613 - Ethical Hacking and Penetration Testing (201512)	4 hrs
Elective	

Occupational Courses	
CIST 1001 - Computer Concepts (201003)	4 hrs
CIST 1122 - Hardware Installation and Maintenance (201003)	4 hrs
COMP 1000 - Introduction to Computer Literacy (201712)	3 hrs
Introductory-Level Networking Class	
CIST 1401 - Computer Networking Fundamentals (201003)	4 hrs
CIST 2451 - Cisco Network Fundamentals (201003)	4 hrs
CIST 1601 - Information Security Fundamentals (201003)	3 hrs
CIS Networking Elective Course	
CIST 1602 - Security Policies and Procedures (201003)	3 hrs
CIST 2601 - Implementing Operating Systems Security (201003)	4 hrs
CIS Networking Elective	
CIST 2602 - Network Security (201003)	4 hrs
CIS Networking Elective	
CIST 2611 - Network Defense and Countermeasures (201512)	4 hrs
CIST 2612 - Computer Forensics (201003)	4 hrs
CIST 2613 - Ethical Hacking and Penetration Testing (201512)	4 hrs
Elective	

Question: Should we make COMP-1000 list as just an Elective option or should be we list it as COMP-1000 or Elective. Many of us do not teach COMP-1000 anymore!?

- **COMP-1000** was not initially in the **IS23** standard. We can ask for this to be an elective. The standards on KMS still has it listed for both CY13 and IS23 in KMS for State Standards.
- Proposal: Remove College Success and put an Or next to COMP-1000 class or CIST Elective (or just make it Elective).
- John Taylor mentioned this would need to be done in CY12 also. Turn COMP-1000 into just the **word Elective** (which could include COMP-1000 if you want to keep doing that)
- Jim argues that the word Elective should replace COMP-1000; because this means people can continue to use COMP-1000 or instead use an elective.

Discussion: Curriculum Layout of CY13/IS23 (Classes that we teach, could teach, should teach..)

(Classes, Pre-requisites, etc...)

- Garfield Anderson mentioned they are trying to create a Generic Python course generic to Cyber/Networking/web (all their areas); so they want to take an elective and make it a mandatory for everyone.
- Garfield and Jim discussed the importance of taking Cisco 1 and 2 as well as Linux operating systems courses
- Oenia reminds everyone that all options are possible and people can introduce ideas to be voted on
- In regards to pre-requisites, Jim Poarch reminded everyone that all pre-requisites are just **SUGGESTIONS** on the state standards; we have the power locally to change to what we need
- Oenia suggested that we still could alter changes on the state level if they feel it needs to be done

- Jim Poarch suggested idea of taking pre-requisites off at the State-Level thus causing less confusion on the local levels

Discussion (Jim Poarch). Jim suggested changing CIST 1602 to a 2600 course.

- Jim states we do not need to introduction courses (1601 and 1602). 1602 should be a more advanced coverage course
- Garfield Anderson agreed stating he feels it would be a great move
- Someone asked what would happen to CW71 and/or CW72 (TCC) which have 1601 and 1602 in them. But someone followed that you could just replace 1602 with the newer create CY2600 course
- Oenia Odums points out that this change would significantly impact other program areas and other TCC's
- John Taylor mentions he didn't feel 1602 was designed to be advanced; do we need an advanced 2600 course?
- Everyone talked about when 1602 comes up in their program (2nd/3rd/4th semester) and everyone agreed each program should make it come up when it is needed (Jim mentions he has prerequisites for 1602; other colleges do not need it).
- Jim suggested we toss around idea so we can talk about this more in the next meeting.

Discussion: Jim Poarch discussed Splunk

- Jim talk about Splunk
- They are creating an official academy and sponsored curriculum
- Jim suggested it was worth looking into
- Terry Hand asked for Jim to send this information out to everyone so we could read about it in more detail
- John Taylor asked if anyone was using Palo Alto Academy stuff (Garfield and John had actually done some training)
- Jim said Splunk could directly impact the Cybersecurity area; so we should look into this more
- Jim suggested that we consider developing Splunk into a degree/program track
- Jim added Splunk is a big data analysis system and again could directly impact our program area
- John added how do you incorporate Splunk into Cyber; Jim replied they are considering creating a course for Splunk

Official Office Election: Vice-Chair

- Mr. Hand was nominated for vice-chair position by Jim Poarch and via chat by Sean Strickland
- Jim Poarch is the Chair-Cybersecurity and Terry Hand is the Vice-Chair Cybersecurity

Networking Program

IFCC Breakout Meeting

April 28, 2022

3:30 pm – 5: 00 pm

Attendees:

Andrew Hartman, Brianna Greenberg, Lorenzo Clarke, Jim Poarch, Dwight Watt,
Oenia Odums, Terry Hand, Rocky Spurlock, Gordon Carns, Garfield Anderson,
Shane Knighton, Eddy Harden, Laree Thomas, Andrea Ingram, CJ DiNofrio,
Stephanie Moye, Bridget Willis, Cuong Nguyen, Steven Crumley, Steven White,
LaTonya Lewis, Cleo Okere, Sharon Smith, Eddy Harden, Patrick Riley, Jacqueline
Farms, Patricia Riley, Tara Shackelford, Joey Johnson, Asad Khan, Felicia
Everidge, Saabirah Bryant,

Call to order..... Dwight Watt

Election of Officers None

CPS Update..... Oenia Odums

- IFCC responsibility to review curriculum and recommend and vote on the action of changing and/or correcting program standards according to:
 - Changes in resources
 - Updates in the industry
- Officers selected in last meeting will remain, so no nominations or election necessary
- Will be covering the items chair, Dwight Watt has on agenda to discuss.
- Please raise any questions or concerns here for discussion before the Networking report is presented to the collective CIST IFCC body.

New business

Dwight Watt, Chair

- I. Updates to the Networking curriculum
 - a. Cisco updated version 7 few years ago
 - b. Microsoft curriculum needs to updated
 - i. Sent out proposal on listserv (Net-L) today
 - ii. He was tasked at last meeting to look into how to update the Microsoft Server curriculum
 - iii. Microsoft has changed their certification process starting with 2019. If we align with their courses, it will take several of those courses to make up something similar to what we have now.
 - iv. Had conversations with Cengage author, Tomsho, about any upcoming textbook resources which he had no updated information.

- v. Cengage's suggestion based on what other colleges and institutions nationwide who made similar curricula and specializations to ours elected to do with the four Microsoft courses. This is what he sent out to the Net-L listserv

Microsoft Specialization Proposal

2411 – Microsoft Client

Server Administration course – consolidation of 2412, 2413, 2414 in our curriculum (textbook coming from Cengage)

SQL course suggested

Cloud

Suggestions from D. Watt

- Advisory committee has recommended teaching Azure cloud because of the Active Directory component for Azure
- Several of the available Microsoft modules would have to be combined to match our 60 to 70 hour length requirement.
- AWS courses are available to choose from for this slot
- A generic cloud course might also be utilized in the cloud course slot. Example: Cengage Cloud+
- SQL course option - could be listed as a database course to allow using the database course – SQL server might be utilized as well

Discussion

Andy Hartman, Columbus, - "I like the SQL idea. Just finished training for Solutions Architect in AWS and got hit with SQL a couple times in labs. Don't have to be an expert, just understand how to upload or how to dump and SQL file. Haven't run into a lot in server, but I know it is useful."

Andrea Ingram, South Georgia, "Are you proposing that we only maintain 2411 and then replacing 2412, 2413, 2414 or rolling them into one course? What is your proposal for what we currently have in place and changing that into what you are suggesting?"

Rocky Spurlock, Georgia Northwestern, "For 2412, using 2019 textbook Dwight referred to. For 2413 and 2414 won't be supported by Microsoft maybe the Azure classes for these or maybe mix it up with the AWS courses."

Andrea Ingram, South Georgia, "I thought we established from last meeting that the cloud courses would be used for the 2413 course."

Dwight Watt, Georgia Northwestern, "Proposing have as the 2nd question that will be replacing 13 or 14, and then having a cloud course, and maybe presenting that just in terms of a cloud elective." "So, would we want to look at 2 cloud courses in there, instead of and a cloud or database, SQL and a cloud course, or just 2 cloud courses on the back end of it. What would be y'all's thoughts cause?"

Joey Johnson, Wiregrass, "Two cloud courses: One AWS and One Azure"

Andrea Ingram, South Georgia, "What about the database course, SQL course? Do we want to consider that, having one cloud elective and then a general elective so that the SQL can be taught and a cloud course? This would provide more flexibility to take care of the SQL offering originally suggested.

Asad Khan, Gwinnett, "In the networking diploma and degree, SQL is a required course for us. It is an

essential technical course in our networking degree and diploma.”

Dwight Watt, Georgia Northwestern, “Is SQL in the standard?”

Asad Khan, Gwinnett, “I agree with the two cloud courses on the Microsoft track. CompTIA does the Cloud Essentials+ that might be too lenient and the Cloud+ tends to be higher level you would need some Azure, AWS, or Google experience. Would there be some prerequisites to the Cloud+, if that went through?”

Dwight Watt, Georgia Northwestern, “No, Cloud Essentials+ is for people who would be managing on a higher level than working directly with the cloud and not for administering the cloud. Cloud+ is intended to be an entry-level cloud administering certification that is vendor neutral as CompTIA usually is.”

Oenia Odums, TCSG, “So, your proposal for the Microsoft curriculum is two Microsoft courses and two guided Cloud electives?”

Steven White, Southern Crescent, “in the Networking Degree, we have a Microsoft track, a Cisco track, and an AWS track. If students want to choose the Microsoft track then they can’t have the AWS course built into that track, so the Microsoft track really needs to stick with the Azure courses for cloud.”

Andrea Ingram, South Georgia, “But if it is Microsoft’s track, I had not fully thought about that until Mr. White’s comments. We should stick with Microsoft courses in this track. AWS can always be used as one of the electives.”

Steven White, Southern Crescent, “Have the certifications changed for Microsoft?”

Asad Khan, Gwinnett Tech, “I have noticed the Azure Fundamentals content. They also have a Data Fundamentals and other fundamentals modules. Would we be considering combining the Azure Fundamentals with like the Azure Associate?”

Steven White, Southern Crescent, “If a student is taking the Networking degree and have chosen Microsoft and AWS tracks, there are only three cloud classes that exist and they are AWS. Are we going to have to create more cloud classes just for electives? If the student has already completed the AWS track with those cloud courses then more cloud courses will need to be available to complete the Microsoft track.”

Dwight Watt, Georgia Northwestern, “I propose to create two cloud courses: CompTIA Cloud+ and Azure Cloud to be used for the cloud course in the specialization.

Jim Poarch, Augusta Tech, “Only one track is required to complete the degree or diploma.”

Dwight Watt, Georgia Northwestern, “The talking seems to have been in favor of updated 2411 and 2412 and two cloud guided electives Do we want to say that one of those is specifically the Azure Cloud class?”

Garfield Anderson, Gwinnett Tech, “I am having a hard time. This is a Microsoft concentration, and I can’t believe we can’t find any kind of Microsoft certification or content to replace the 2413 and 2414 classes. My questions is this, there is no Microsoft related content out there that we can find to replace 2413 and 2414?”

Dwight Watt, Georgia Northwestern, “I am leaning more and more toward the two courses being Azure Cloud courses.”

Garfield Anderson, Gwinnett Tech, “My point is, just think about trying to include as much Microsoft content as possible in a Microsoft concentration.”

Dwight Watt, Georgia Northwestern, “It is my thinking that we are still looking at putting an Azure Cloud track out there that would be doing more than the electives we are talking about here. “

Call for Consensus Dwight Watt

Dwight Watt, Georgia Northwester, “Is there any more discussion surrounding the current proposed changed to the Microsoft curriculum:

- Updated 2411 and 2412
- Two Azure Cloud courses to replace 2413 and 2414

All in favor of the proposed curriculum changes of updating 2411 and 2412 and developing two Azure Cloud courses, majority in favor.

Meeting Transcript for Web Design/Development Program IFCC Breakout Meeting

Basic Meeting Information:

Meeting Topic: Web Design/Development Program IFCC Breakout Meeting

Host: Oenia Odums

Meeting number: 2622 922 2592

Start Time: Thursday, April 28, 2022 10:47:45 AM(GMT -4:00)

End Time: Thursday, April 28, 2022 11:49:35 AM(GMT -4:00)

Meeting Link: tcsq.webex.com

Attendee List:

Lori Harnist, Spurlock, Rocky, CJ DiNofrio, Oenia Odums, Walker, Maylon, LaTonya Lewis, Willis, Bridget

Agenda:

- Election of officers
- CIST 1510 and CIST 1520 increase credit hours to 4 each and contact hours to 90.
- Curriculum review
- Open discussion

Officers:

Lori Harnist will serve as chair and Charles Cash will serve as vice-chair.

Proposal:

Occupational Course change

- 1) Increase CIST 1510, CIST 1520 and CIST 2550 credit hours from 3 each to 4 each. Contact hours increase to 90.

Discussion took place regarding the increase in the DOM for HTML, CSS and JavaScript since the standards were written. The additional lab hours will enable sufficient time for the increases in complexity and capabilities of the current industry standards to be addressed. Database connectivity is standard for all modern websites, connectivity is multifaceted due to increase demand for access and interaction with data that is stored in databases.

All members in attendance agreed to the proposed changes to CIST 1510, CIST 1520 and CIST 2550.

Note:

*CIST 1520 increase will impact Wireless Engineering Technology (Electronics & Telecommunications PAS group) and General Studies (AAS Technical Studies PAS group).
CIST 2550 increase will impact General Studies (AAS Technical Studies PAS group).*

- 2) Remove requirement of CIST 2531 or CIST 2541 diploma and associate degree programs (make general elective) Web Design/Development Mobile App Development, User Experience Programs

Recommendation:

- 1) Remove requirement of CIST 2921 from diploma and associate degree programs Web Design/Development, Mobile App Development, Web Application Development, User Experience Programs. Removal will reduce total program hours to balance addition of credit hours for CIST 1510, CIST 1520 and CIST 2550.

All members in attendance agreed to the recommendation to remove the requirement of CIST 2921.

Program Review

Tabled.

Ms. Odums will request a list serve be created for web design/development faculty.

Course Resources

OER options discussed as well as resources available via GVTC that would allow college's Blackboard masters to potentially be shared among other TCSG colleges. Proposed that a list of these resources be created and provided to all consortium members. Recommendation made to discuss during upcoming general IFCC meeting.