

Computer Information Systems Technology  
Instructional Faculty Consortium Committee

Thursday, February 9, 2017  
9:30 - 4:00

Central Georgia Technical College  
Building H - Auditorium  
Macon, GA

*Meeting Minutes*

**9:30 - 10:00**

**Sign in and Welcome**

**George Schramm & Jim Poarch**

The CIS IFCC meeting was called to order at 10:00am by Jim Poarch. Jim welcomed all and gave a brief overview of the agenda for the meeting.

Dwight Watt reported a group of CIS instructors are trying to organize a 2½ day training session to be held at Gwinnett Tech in spring 2018. The spring consortium meeting would be incorporated into the training days and allow for members to attend multiple breakout sessions before attending the full meeting. The group is looking for corporate sponsors. This training session is modeled after the North Carolina Computer Instruction Association ([www.NCCIA.net](http://www.NCCIA.net)). The team working on this proposed training session includes George Schramm, Dwight Watt, Jim Poarch, Rita Patel, Terry Hand, and Keisha Quick.

**10:30 - 12:00**

**TCSG**

**George Schramm**

George Schramm reported the following:

- He tasked each program group to come up with a list of IT related industry certifications and licensures and the associated classes / TCCs which will prepare the students for them. He will be reporting this information tomorrow in response to Senate Bill 2.
- The group was reminded of the current policy for delivering computer literacy competencies to all students: 1) COMP 1000, 2) a First Year Matters course and 3) add the competencies to a program course. The COMP 1000 class has had some revisions. The new name is Introduction to Computer Literacy. Some lab hours have been changed to lecture hours. Security competencies have been added. The revised class will be published soon. Colleges have one year to implement the change.
- PAS group revisions are being made to more closely match our program model.
- 529 plans are a nice way to provide college money for children and grand-children in the State of Georgia. Contributions to the plan are made with after-tax dollars, but any earnings are tax-deferred while invested in the plan and tax-free if used to pay for qualified educational expenses.
- A chart showing enrollment trends over the last 7 years was displayed. The data shows that while enrollment is declining, the ratio of awards is increasing.

Year	# of students	# of awards
2010	14,000 +	2,500 +
2016	8,000 +	4,00 +

12:00 - 1:30

Lunch

All

1:30 - 2:30

### Program Breakouts

Jim reminded each team to come up with a list of certifications and the associated classes / TCCs as requested by George. Each program will elect chair and co- chairs during the breakout sessions and discuss issues with courses and curriculum related to program area. Prepare solutions for issues to present at general session.

2:30 - 3:30

### Program Reports

#### Computer Support Specialist

Members in attendance:

Keisha Quick	<a href="mailto:kquick@augustatech.edu">kquick@augustatech.edu</a>
Linda West	<a href="mailto:westl@gptc.edu">westl@gptc.edu</a>
Tony Cantrell	<a href="mailto:tcantrell@gntc.edu">tcantrell@gntc.edu</a>
Ron Vick	<a href="mailto:rvick@gntc.edu">rvick@gntc.edu</a>
Eugene Jones, Jr	<a href="mailto:eugene.jones@westgatech.edu">eugene.jones@westgatech.edu</a>
Tracey Thompson	<a href="mailto:tracey.thompson@westgatech.edu">tracey.thompson@westgatech.edu</a>
Eli Walker	<a href="mailto:ewalker@centralgatech.edu">ewalker@centralgatech.edu</a>
Melody Johnson	<a href="mailto:mohnson@columbustech.edu">mohnson@columbustech.edu</a>
Shawna Early	<a href="mailto:searly@centralgatech.edu">searly@centralgatech.edu</a>
Alesia Taylor	<a href="mailto:altaylor@centralgatech.edu">altaylor@centralgatech.edu</a>
Wayne Lockwood	<a href="mailto:wlockwood@centralgatech.edu">wlockwood@centralgatech.edu</a>
Chad Diamante	<a href="mailto:chad.diamante@wiregrass.edu">chad.diamante@wiregrass.edu</a>
Robert Stokes	<a href="mailto:rstokes@southernregional.edu">rstokes@southernregional.edu</a>
Chris Sanchez	<a href="mailto:csanchez@southernregional.edu">csanchez@southernregional.edu</a>
Laree Thomas	<a href="mailto:lthomas@coastalpin.es.edu">lthomas@coastalpin.es.edu</a>
John Haley	<a href="mailto:jhaley@athenstech.edu">jhaley@athenstech.edu</a>

Jan Carney called the meeting to order in place of Chairperson Jan Hall, who was absent due to illness. The following items were discussed:

- Jan Carney explained the duties of the Chair and Vice Chair positions, followed by nominations and elections.
  - Jan Hall, GNTC, was nominated and elected Chair of the committee.
  - Tracey Thompson, WGTC, was nominated and elected Vice Chair of the committee.
- Jan Carney led a discussion of certifications linked to the Computer Support Specialist program. The following certifications were identified:
  - A+ - CIST 1401, CIST 1122, CIST 1130, CIST 1135, CIST 2122/Help Desk TCC/PC
  - Repair and Network Technician TCC
  - Security+ - CIST 1601
  - Network+ - CIST 1401
  - Project+ - CIST 2921
  - MOS – CIST 2127, CIST 2128, CIST 2129
  - MOS Master
  - MOS Expert
- One member was concerned about students at her college taking CIST 2921 too early in their curriculum. She was reminded that she may add additional prerequisites, locally.
- A brief OS discussion ensued, and GNTC has already upgraded to Windows 10.

- Another discussion was spurred concerning VDIs used. Virtual Desktop, Virtual Box and VMWare were identified.

## **CyberSecurity**

Jim Poarch called the meeting to order. The following items were discussed:

- The group discussed different methods to include lab work into the courses.
- We discussed the status of upgrading the CIST 1602 Policies and Procedures course to a capstone course and be renumbered CIST 2603. Bob Hayes at Augusta Technical College will be creating a proposal for this new course.
- We discussed the NSA/DHS National Centers of Academic Excellence in Cyber Defense Two-Year Education (CAE-2Y) program. This is a recognition from NSA and Homeland security that verifies that a college is teaching what is needed for government and commercial organizations. This recognition also verifies that schools in the program “practice what they preach”. This is great way to validate our programs and make our students more competitive in the cyber security job market. With many of the national security agencies moving major facilities to Georgia and the anticipated shortfall in cyber security trained personnel it would be a good idea for as many of the Georgia TCSG Colleges as possible to attain this recognition.
- The CAE-2Y program requires that a 2 year college has been offering the approved program for 3 years in order to attain the recognition. Augusta Technical College is 2 years into the process and has offered to assist other TCSG schools that may be interested in possibly obtaining the recognition. Many in the group showed interest.
- The group discuss the need for a scripting course in the Cybersecurity program. For now it can be included as one of the electives.
- Officers were elected:
  - Jim Poarch was elected chair.
  - Jimmy Crum was elected vice chair.

## **Database**

Mike Jones called the meeting to order. The following items were discussed:

- Officers were elected:
  - Mike Jones from Georgia Piedmont Technical College was elected Chair.
- No changes were recommended for the Database program.
- Students completing the Database program have covered material that should prepare them to take either the Oracle Database 12c Certified Associate (OCA) Certification exams (Exam 1Z0-051 and Exam 1Z0-071) or the Microsoft Certified Solutions Associate (MCSA): SQL Server 2012/2014 Certification exam (Exam 70-461).

## **Gaming**

John Thacher called the meeting to order. Two attendees. The following items were discussed:

- Officers were elected:
  - John Thacher was elected chair.
  - Tim Drexler was elected vice chair.
- Student numbers are up but completion down.
- Move On When Ready student numbers are increasing.
- No changes or additions to curriculum were recommended.

## Networking Specialist

Dwight Watt called the meeting to order. The following items were discussed:

- We talked about what certifications went to what course.
  - Certification Corresponding Course
  - CCNA CIST 2451, 2452, 2453, 2454
  - CCNA Security CIST 2451, 2452, 2453, 2454, 2455
  - CCNT CIST 2451, 2452
  - MCSA CIST 2412, 2413, 2414
  - MCP CIST 2411
  - A+ CIST 1122
  - Network+ CIST 1140, 2451
  - Security+ CIST 2602
  - Linux+ CIST 2431, 2432
  - Project+ CIST 2921
- We talked about updating the Cisco curriculum to meet the changes with NETACAD moving to version 6.
- The changes include moving Device management, Device Discovery, and maintaining the device to Cisco 2 from Cisco 4.
- It was discussed that Felicia Everridge from CGTC is working on a virtualization course.
- Susan Coefield from VMWare spoke about the benefits of using them as a VMWare academy.
- Terry Hand said he would check to see if the state could pay the cost for putting all the colleges into the VMWare Academy.
- There was some discussion about Ogeechee Technical College teaching an IT specialist Diploma and Degree.
- Officers were elected:
  - Dwight Wall was elected chair.
  - Patrick Riley was elected vice chair.

## Programming

Members in attendance:

Joe Sepielli	Augusta Tech	jsepielli@augustatech.edu
Scott Lerch	Augusta Tech	plerch@augustatech.edu
Maylon Walker	GPTC	walkerm@gptc.edu
Caren Smith	SCTech	caren.smith@sctech.edu
Bridget Willis	CGTC	bwillis@centralgatech.edu
Dave Busse	CTC	david.busse@chattahoocheetech.edu
Andy Powell	WGTC	andy.powell@wiregrass.edu
Saabirah Bryant	CGTC	sbryant@centraltech.edu
Tammy Frost	WGTC	tammy.frost@westgatech.edu
Rita Patel	GTC	rpatel@gwinnetttech.edu

Joe Sepielli called the meeting to order. The following items were discussed:

- Mobil TCC
  - Hardware upgrades essential to teaching the Mobil courses. Windows workstations need at least 8GB memory in order use Android Studio for CIST2381 and CIST2385.

- Multiplatform was brought up Courses of CIST2381, CIST2382, CIST2383. Xamarin is being used in course CIST2382
- IOS using SWIFT to teach it in VISUAL Studio
- Bridgette Willis was volunteered to distribute essentials of teaching CIST2381. Minimum hardware, Approach
- We agreed to use the TCSG CIS Programming Instructors List <CISPI-L@LIST.TCSG.EDU> to share lesson plans, and labs, ... related to the mobile application programming courses.
- CIST1305
  - Increase Contact hours from 60 to 75 (increase from 4 to 5 hours/week)
  - We recommended that programs that do not require coding skill remove the CIST1305 requirement. Augusta: Our Computer Support dept head stated her program needs coding skills for SpreadSheet and Database courses.
  - We shared strategy and books to teach course. RAPTOR and VISUAL LOGIC were brought up as potential flowcharting software to assist in teaching the course.
  - Joe Sepielli found an excellent series of lectures (for the text: ISBN 9781285776712 - Programming Logic and Design, Comprehensive, 8th Edition) by Carlos Garcia-Ruiz <https://www.youtube.com/watch?v=gbh6jW9pdRU>
- Officers were elected:
  - Joe Sepielli was elected as Program Chair
  - Bridgette Willis was elected as Vice Chair
- General
  - MATH1103 is a good alternate to MATH1111
  - COMP1000 was a good idea to put as elective
  - We need to start sharing ideas about our courses on our listServ account
  - Rita Patel will submit 3 new courses. Intro to Modern Business Intelligence.

## Web Site Design / Development

Vice Chair John Thacher called the meeting to order. Nine attendees present. The following items were discussed.

- Officers were elected:
  - Steve James was elected Chair
  - Lorri Harnist was elected Vice-Chair
- Open discussion of ideas for improving the programs
  - Number of students down in all schools, cause unknown but maybe need course subjects updated:
    - Add sections on Social Media programming and design
    - Write up TCC for Social Media
    - Separate courses for artistic-side and programming-side students (Web Design & Web Development)
    - Add Ajax, JSON, angular js, and Canvas courses
    - Add MEAN stack info to courses as well as LAMP stack info
    - General discussion of common problems, worries, etc.

**3:30 - 4:00**

**Wrap up and Adjourn**

**State Chair**

A few additional items were discussed before elections:

- George explained that if you see an institutional developed program your school is interested in offering, you can contact him and he will ask the developing school if your school can adopt the program. If several schools adopt a program, it can be changed to a state level program.
- The website for Technology Association of Georgia ([tagonline.org](http://tagonline.org)) was shown to the group. It has very good information for all programs.

Area chairs were elected:

- North Chair – Rita Patel, Gwinnett Tech
- Central Chair – Terry Hand, Ogeechee Tech
- South Chair – Willie Jones, Coastal Pines Tech

State CIS IFCC officers were elected:

- Jim Poarch was elected State Chair
- Jan Carney was elected State Vice-Chair

The meeting was adjourned at 3:30pm.