Computer Information Systems	Courses Taught	Qualifications for Courses Taught
Scott, Kenneth E., B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	**DPT161 – CISCO I** This course is the first part of a four-part curriculum leading to Cisco Certified Network Associate (CCNA) certification. This course concentrates on the physical part of networking including basic electronics, computer basics, network basics, TCP/IP addressing, number conversions, cabling, and planning. After completing this course the student will be able to: identify the functions of each layer of the OSI reference model; describe data link and network addresses; define and describe the function of the MAC address; explain the five conversion steps of data encapsulation; describe the different classes of IP addresses and subnetting; identify the functions of the TCP/IP network-layer protocols. • Taught each semester since 1999.	1973-Present. B.S. Electrical Engineering Technology; 2 years Project Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. 1988: IS620 Software Design Management; 1991: CIS647 Operations Analysis & Modeling 1993: IS607 Management Information Systems; 1993: IS670 Data Communications *Scott, K. (2003-04). *[Participant.]* Cisco Certified Network Associate, Train-The-Trainer: *CCNA 1 – 4 Bridge Courses.* North Florida Community College, Cisco Network Academy Program. (December, 2003 – July, 2004). (120 Distance Education Hours.); *Scott, K. (2002). *[Participant.]* Cisco Certified Network Professional, Train-The-Trainer: *Advanced Routing.* Florida Community College at Jacksonville, Florida, Cisco Network Academy Program. (April, 2002). (80 Classroom Hours); *Scott, K. (1999). *[Participant.]* Cisco Certified Network Associate, Train-The-Trainer: *Networking Basics & Routers and Routing Basics.* North Florida Community College, Cisco Network Academy Program. (November, 1999). (120 Classroom Hours)
Scott, Kenneth E., B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	**DPT162 – CISCO II** This course is the second part of a four-part curriculum leading to Cisco Certified Network Associate (CCNA) certification. This course concentrates on router configuration. After completing this course the student will be able to: prepare the initial configuration of a router and enable IP; control router passwords and identification; configure IP addresses; add the RIP and IGRP routing protocols to a configuration. • Taught each semester since 1999.	1973-Present. B.S. Electrical Engineering Technology; 2 years Project Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. 1988: IS620 Software Design Management; 1991: CIS647 Operations Analysis & Modeling 1993: IS607 Management Information Systems; 1993: IS670 Data Communications *Scott, K. (2003-04). *[Participant.]* Cisco Certified Network Associate, Train-The-Trainer: *CCNA 1 – 4 Bridge Courses.* North Florida Community College, Cisco Network Academy Program. (December, 2003 – July, 2004). (120 Distance Education Hours.); *Scott, K. (2002). *[Participant.]* Cisco Certified Network Professional, Train-The-Trainer: *Advanced Routing.* Florida Community College at Jacksonville, Florida, Cisco Network Academy Program. (April, 2002). (80 Classroom Hours); *Scott, K. (1999). *[Participant.]* Cisco Certified Network Associate, Train-The-Trainer: *Networking Basics & Routers and Routing Basics.* North Florida Community College, Cisco Network Academy Program. (November, 1999). (120 Classroom Hours)
Scott, Kenneth E.,	**DPT163 – CISCO III**	1973-Present. B.S. Electrical Engineering Technology; 2 years Project

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B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	This course is the third part of a four-part curriculum leading to Cisco Certified Network Associate (CCNA) certification. This course concentrates on LAN design, routing, switching, and network administration. After completing this course the student will be able to: describe LAN segmentation using bridges, routers, and switches; distinguish between cut-through and store and forward LAN switching; describe the operation of the Spanning Tree Protocol and its benefits; describe the benefits of virtual LANs. Taught twice per year since 1999.	Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. 1988: IS620 Software Design Management; 1991: CIS647 Operations Analysis & Modeling 1993: IS607 Management Information Systems; 1993: IS670 Data Communications *Scott, K. (2003-04). [Participant.] Cisco Certified Network Associate, Train-The-Trainer: CCNA 1 – 4 Bridge Courses. North Florida Community College, Cisco Network Academy Program. (December, 2003 – July, 2004). (120 Distance Education Hours.); *Scott, K. (2002). [Participant.] Cisco Certified Network Professional, Train-The-Trainer: Advanced Routing. Florida Community College at Jacksonville, Florida, Cisco Network Academy Program. (April, 2002). (80 Classroom Hours); *Scott, K. (1999). [Participant.] Cisco Certified Network Associate, Train-The-Trainer: Networking Basics & Routers and Routing Basics. North Florida Community College, Cisco Network Academy Program. (November, 1999). (120 Classroom Hours)
Scott, Kenneth E., B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	**DPT164 – CISCO IV** This course is the fourth part of a four-part curriculum leading to Cisco Certified Network Associate (CCNA) certification. This course concentrates on WANs and WAN design. After completing this course the student will be able to: differentiate between LAPB, Frame Relay, ISDN, HDLC, PPP, and DDR; list commands to configure Frame Relay LMIs, maps, and subinterfaces; identify PPP operations to encapsulate WAN data on Cisco routers; identify ISDN protocols, function groups, reference points, and channels; describe Cisco's implementation of ISDN BRI. • Taught twice per year since 1999.	1973-Present. B.S. Electrical Engineering Technology; 2 years Project Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. 1988: IS620 Software Design Management; 1991: CIS647 Operations Analysis & Modeling 1993: IS607 Management Information Systems; 1993: IS670 Data Communications *Scott, K. (2003-04). [Participant.] Cisco Certified Network Associate, Train-The-Trainer: CCNA 1 – 4 Bridge Courses. North Florida Community College, Cisco Network Academy Program. (December, 2003 – July, 2004). (120 Distance Education Hours.); *Scott, K. (2002). [Participant.] Cisco Certified Network Professional, Train-The-Trainer: Advanced Routing. Florida Community College at Jacksonville, Florida, Cisco Network Academy Program. (April, 2002). (80 Classroom Hours); *Scott, K. (1999). [Participant.] Cisco Certified Network Associate, Train-The-Trainer: Networking Basics & Routers and Routing Basics. North Florida Community College, Cisco Network Academy Program. (November, 1999). (120 Classroom Hours)

Computer Information Systems	Courses Taught	Qualifications for Courses Taught
Scott, Kenneth E., B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	**DPT171 - Fundamentals of UNIX/LINUX I** This course presents fundamental applications in Unix/Linux. Included in this course are skills development for OS installation and setup, recompile techniques, system configuration settings, file/folder structures and types, run levels, basic network applications, and scripting. Additionally, the course presents security features from an administrative and user consideration. • Taught twice per year since 2003.	1973-Present. B.S. Electrical Engineering Technology; 2 years Project Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. 1988: IS620 Software Design Management; 1989: IS675 Data Structures Design 1991: CIS647 Operations Analysis & Modeling; 1993: IS607 Management Information Systems; 1993: IS670 Data Communications Scott, K. (2001). *[Participant.]* Cisco Certified Network Associate, Train-The-Trainer: *Fundamentals of Unix.* Pensacola Junior College, Pensacola, Florida. (December, 2001). (45 Classroom Hours)
Scott, Kenneth E., B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	**DPT172 – Fundamentals of UNIX/LINUX II** This course is a continuation of DPT171 and includes advanced features of Unix/Linux. Included in the course are web applications, integrated network configurations, file transfer, server administration, system controls, iptables/firewall to secure Unix/Linux systems, and strategic user-group applications specific to administrative network control. • Taught twice per year since 2003.	1973-Present. B.S. Electrical Engineering Technology; 2 years Project Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. 1988: IS620 Software Design Management 1989: IS675 Data Structures Design 1991: CIS647 Operations Analysis & Modeling 1993: IS607 Management Information Systems 1993: IS670 Data Communications Scott, K. (2001). *[Participant.]* Cisco Certified Network Associate, Train-The-Trainer: *Fundamentals of Unix.* Pensacola Junior College, Pensacola, Florida. (December, 2001). (45 Classroom Hours)
Scott, Kenneth E., B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	**DPT250 – E Commerce** This course is an introduction into e-commerce. Topics include marketing, building an e-commerce store, security, and electronic payment systems. Upon completion students will be able to build an e-commerce presence. • Began offering in 2009.	1973-Present. B.S. Electrical Engineering Technology; 2 years Project Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. 1987: MN600 Essentials of Mgt and Marketing Distance Education University Assistant Professor (2005 – Present): CO1403 Management Information Systems CO3429 Web Design & Applications Management BS4454 EPortfolio in Information Systems Management CO2410 Database Management CO4430 Entrepreneurship & Creating a Winning EBusiness

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Scott, Kenneth E., B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	**DPT264 – Business Applications** Prior programming training is put to use in implementing a practical business application such as accounts receivable, accounts payable, payroll, or other business system. A different application is selected each semester. Instructor will provide student with the necessary data and the student will create all the programs that are necessary to produce the expected results. This course will require outside laboratory time to produce programs for evaluation. Mastery of the language selected for the study, at the desired level, is required. • Began offering in 2009.	1973-Present. B.S. Electrical Engineering Technology; 2 years Project Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. 1987: MN600 Essentials of Mgt and Marketing Distance Education University Assistant Professor (2005 – Present): CO1403 Management Information Systems; CO3429 Web Design & Applications Management; BS4454 EPortfolio in Information Systems Management CO2410 Database Management; CO4430 Entrepreneurship & Creating a Winning EBusiness
Scott, Kenneth E., B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	**DPT284 – DPT Internship** This course is designed to provide the student with an opportunity to work in a degree/program related environment. Emphasis is placed on the student's "real world" work experience as it integrates academics with practical applications that relate meaningfully to careers in the computer discipline. Significance is also placed on the efficient and accurate performance of job tasks as provided by the "real world" work experience. Grades for this course will be based on a combination of the employer's evaluation of the student, and the contents of a report submitted by the student. Upon completion of this course, the student should be able to demonstrate the ability to apply knowledge and skills gained in the classroom to a "real world" work experience. Began offering in 2009 and expected to become a course offered twice a year, possibly a required course in the CIS curriculum.	1973-Present. B.S. Electrical Engineering Technology; 2 years Project Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. Achieved a 389 page dissertation which was precisely a "case study" over a five year (3 years course materials, 2 years research) period of pure/applied research and case study analysis and self-directed leadership/internship for the project. Validation Document: STRATEGIC FACTORS OF INSTITUTIONAL PRACTICE IMPACTING STUDENT *SUCCESS IN THE COMMUNITY COLLEGE AS PERCEIVED BY STUDENTS AND FACULTY: ACADEMIC PREPARATION, WORK ETHICS AND INSTITUTIONAL SUPPORT, ProQuest LLC, UMI Number 3317344.*
Scott, Kenneth E., B.S.E.E.T., M.Ed., Post-Graduate Hours in CIS & Business; EdD, (FT)	**DPT291– Case Study in Computer Science** This course is a case study involving the assignment of a complete system development project for analysis, programming, implementation, and documentation. Topics include planning system analysis and design, programming techniques, coding and documentation. Upon completion, students should be able to design, code, test and document a comprehensive computer information system. • Capstone course offered each semester since 2007. • **This course is Project Management Focused.**	1973-Present. B.S. Electrical Engineering Technology; 2 years Project Manager/Design Engineer (Network Control Systems); Programmer/Analyst 3 Years; Instructor of CIS courses 25 years (current); CCNA (recertification in progress); 6 Months Help Desk Engineer; 7.5 years in Naval Intelligence (technology-based systems). M.Ed., with 30 quarter hours of post-graduate CIS courses and 15 quarter hours of post-graduate business courses. Achieved a 389 page dissertation which was precisely a "case study" over a five year (3 years course materials, 2 years research) period of pure/applied research and case study analysis and self-directed leadership/internship for the project. Validation Document: STRATEGIC FACTORS OF INSTITUTIONAL PRACTICE IMPACTING STUDENT *SUCCESS IN THE COMMUNITY COLLEGE AS PERCEIVED BY STUDENTS AND FACULTY: ACADEMIC PREPARATION, WORK ETHICS AND INSTITUTIONAL SUPPORT, ProQuest LLC, UMI Number 3317344.*