

Graduate Council Meeting Minutes
Wednesday - February 8, 2017
3:00PM – 5:00PM
Hurley Administration Board Room #204

Note: Course changes and additions will not take effect until they are listed in the graduate catalog. Items marked with an asterisk (*) must have approval by the Texas Higher Education Coordinating Board before listing in the graduate catalog. Items marked with a plus (+) must be approved by the Department of Education before being listed in the graduate catalog.

Voting Member Attendance: Mark Vosvick, Douglas Brozovic, Denise Catalano (Proxy), Nick Evangelopoulos, Jennifer Lane (Proxy), Brian McFarlin, Teresa Merrero, Susan Smith (Proxy – Pamela Andrews)

I. ANNOUNCEMENTS

II. MINUTES

UNANIMOUS APPROVAL

II-1. Approval of January 11, 2017 minutes.

III. CHAIR / TGS DISCUSSION ITEMS

- a. Meeting minutes will be reported to the Faculty Senate
- b. Dr. Oppong: Issue with PR (Progress) grading in dissertation courses. Departments are not enforcing the utilization of NPR (No Progress) for students who are writing their dissertations, but are not making progress or satisfying the requirements. Does there need to be a policy in writing that would allow departments to dismiss students who receive a grade of NPR in two consecutive terms?

IV. REQUEST FOR NEW COURSES

College of Engineering

UNANIMOUS APPROVAL

Department of Computer Science and Engineering

IV-1. CSCE 6585 – Advanced Topics in Network Security – 3 Semester Credit Hours

Description: Analyze the security of networks and protocols. Topics include Opportunistic Security, increased TCP security, using TLS in applications, Security Automation and Continuous Monitoring (SCAM), enabling browser-to-browser audio and video conference (WEBRTC), software defined networks security, DTLS in constrained environments, wireless network security (4G/5G), and security of Internet of Things.

Justification: NSA and DHS focus areas and certificate require advanced network security knowledge units. Based on our recent workshop in hot topics in network security, there is a big demand from DFW industry for a regular and structured advanced topics course in networks and security.

V. REQUEST FOR ADD OR DELETE OF A DEGREE/MAJOR/PROFESSIONAL FIELD/CONCENTRATION/OPTION/MINOR/CERTIFICATE

VI. REQUEST FOR ALL GRADUATE ACADEMIC CERTIFICATES

VII. REQUEST FOR GRADUATE TRACK PATHWAYS

VIII. REQUEST FOR CHANGE IN PROGRAM/ MAJOR/ MINOR/ DEGREE/ OPTION REQUIREMENTS

IX. REQUEST FOR DUAL OR JOINT DEGREE PROGRAMS

X. CONSENT CALENDAR

A. Course Changes

College of Engineering

VOTE TO APPROVE ITEM X-1 SEPERATELY – UNANIMOUSLY APPROVED

ITEM X-1. UNANIMOUSLY APPROVED

Department of Computer Science and Engineering (Exception Requested for 2017-2018; CORRECTED TO 2018-2019)

X-1. CSCE 5585 – Advanced Network Security (Course Title, Short Course Title, Description, Prerequisites)

Course Title: *Advanced Network Security* > Network Security

Short Course Title: *ADV NETWORK SECURITY* > NETWORK SECURITY

Description: *Analyze the security of networks and protocols. Topics include Opportunistic Security, Increased TCP security, Using TLS in Applications, Security Automation and Continuous Monitoring (SCAM), Enabling browser-to-browser audio and video conference (WEBRTC), Software Defined Networks security, DTLS in constrained environments, wireless network security (4G/5G), and Security of Internet of Things.* > Fundamentals of network defense. Topics include firewalls, intrusion prevention and detection systems, network forensics, building a secured routing network, and network penetration testing and vulnerability analysis.

Prerequisites: *CSCE 5520 or CSCE 5580* > None

Department of Electrical Engineering (Exception Requested; Items X-2. and X-3. for 2017-2018)

VOTE TO APPROVED ITEMS X-2 AND X-3 AS A BLOCK – UNANIMOUSLY APPROVED

DISCUSSION: DIFFERENCE BETWEEN DIRECTED STUDY AND SPECIAL PROBLEMS

A. ITEM X-2. IS GEARED TOWARD INDIVIDUAL RESEARCH; ITEM X-3. IS FOR SPECIAL CASES (EXTRA HOURS, COURSE CONFLICTS, ETC., AND WILL NOT BE OFFERED REGULARLY)

ITEMS X-2 AND X-3 UNANIMOUSLY APPROVED

X-2. EENG 5890 – Directed Study (Description)

Description: *Directed study of topics in Electrical Engineering. The student prepares a plan for study of a topic and a plan for evaluation of study achievements. Open to students with graduate standing who are capable of developing problems, independently. May be repeated for credit.* > Directed study and independent research of topics in electrical engineering. The student prepares a plan for study of a topic and a plan for evaluation of study achievements. Open to students with graduate standing who are capable of developing problems, independently.

X-3. EENG 5900 – Special Problems (Description, Prerequisites)

Description: *Independent study and research of a specific problem in a field of Electrical Engineering. A report is required defining the problem and a solution. Requires department approval.* > Individualized instruction in theoretical or experimental problems in electrical engineering. A report is required defining the problem and a solution.

Prerequisites: *Consent of instructor.* > Consent of department.

B. Course Deletions