

TAMU Faculty Senate Meeting Minutes

January 13, 2020

3:00pm

Rudder 601

<http://facultysenate.tamu.edu>

CALL TO ORDER

Speaker Andrew Klein called the meeting to order at 3:00pm. After initial comments, he swore in new Senator from Galveston, Papia Rozario.

GUEST SPEAKER

Speaker Klein introduced guest speaker Ms. Elaine Mendoza, Chairman of the Board of Regents for the Texas A&M System, and welcomed her to the podium.

Ms. Mendoza spoke about two items of top priority to the TAMU System: being invested in faculty and student success. She expressed that among the diverse challenges, mental health is a growing concern among the student population. She had heard this from the Senate's Executive Committee, and also heard that losing the Aggie spirit is a concern as well. Further, the success of Texas A&M University and the system schools cannot be decoupled. Colleagues across the TAMUS are serving the under-served, and TAMUS schools cover a wide spectrum; this is powerful legislatively, as TAMUS faculty serve rural, urban, and international communities. We impact 165,000 students across the great state. Ms. Mendoza shared that at the system level, learning outcomes and student success metrics have been created (for example, demographics of students, student graduation metrics, etc.), that have considerably increased our transparency and accountability. She stressed the importance of showing our legislature exactly what we are doing to be accountable and that we are transparent. Further, it is critical for university educators to partner with Pre-K to12 teachers, and ensure that students entering the University are prepared to take the courses offered at Texas A&M. Ms. Mendoza expressed appreciation for the College of Education's initiative of adding the EC3 component to their degree program. Ms. Mendoza concluded that our system has a lot of momentum and we need to spread the A&M flag to many places, the State Legislature, and the national governance.

Ms. Mendoza then fielded questions from the following Senators:

Jay Ramadoss, College of Veterinary Medicine and Biomedical Sciences

Julie Harlin, College of Agriculture and Life Sciences

Jorge Alvarado, College of Engineering

Robert Mackin, College of Liberal Arts

Geoffrey Booth, College of Architecture

Deb Banerjee, College of Engineering

Speaker Klein thanked Chairman Mendoza for speaking to the Senate.

ANNOUNCEMENTS

None in January.

SPEAKER COMMENTS

Speaker Klein welcomed regular guests and Senators for their attendance, citing the importance of the December and January meetings in ensuring curricular items are approved in time to appear in the upcoming course catalog.

- He noted that since the last meeting over 5000 Aggies had graduated, including the first two from our McAllen campus, and 54 students were commissioned as officers in the U.S. Armed Forces.
- He thanked the members of the Executive Committee who represented the Senate at commencement ceremonies, shaking the hands of every graduate walking the stage.
- He credited the administration for the success of the inaugural Doctoral Student Hooding Ceremony, citing the likelihood that it will become a great new Aggie Tradition.
- Updating the Senators on the ongoing issue of the Unrelated Business Tax Income (UBIT) impact on pre-tax parking, he shared the good news that the federal government repealed the tax law creating the problem, so it is no longer an issue.
- He met with Tyson Voelkel, President of the Texas A&M Foundation, and Porter Garner III, President and CEO of the Association of Former Students to investigate ways that faculty can work more closely with these two organizations in support of engaging our former students.
- He shared that the all of the Senate's records of approvals since 1988 had been stored in the Senate office, and that he and Betsy Peterson, Executive Assistant to the Faculty Senate, had boxed up 30 years of items to go to the University Archivist for storage.
- He stated that February's guest speaker would be Dr. Jocelyn Widmer, Assistant Provost for Academic Innovation to speak about the new Learning Management System, CANVAS.

Speaker Klein closed his remarks wishing all a productive semester.

APPROVAL OF MINUTES

The motion passed to approve the December 9, 2019 minutes as distributed. **Attachment A – Passed**

CONSENT AGENDA – Passed – FS.37.155–FS.37.295 (Full *Consent Agenda* with FS #'s can be found below *Adjournment*.)

The motion passed to approve the Consent Agenda as presented.

Speaker Klein highlighted new and revised courses from the College of Dentistry, and commented on the dedication of the COD's new 160,000 square foot facility on January 23rd. He shared that their faculty and students support 100,000 patient visits a year – a number that is projected to increase by 40% with the new facility; an outstanding example of how Texas A&M faculty truly exemplify the Aggie Core Value of Selfless Service.

He then asked if any Senators wished to highlight any other curricular items. None did.

COMMITTEE REPORTS

Core Curriculum Council Course Report – Attachment B – Passed – FS.37.296

The motion passed to approve the Core Curriculum Course Report as presented. (*CCC Report* with FS # can be found below *Adjournment*.)

OTHER COMMITTEE REPORTS

System Employee Benefits Advisory Committee (SEBAC) Report – *Attachment C – FS.37.297*

Senator and SEBAC representative Greg Heim presented the attached report, fielding questions by Senators Julie Harlin, College of Agriculture & Life Sciences; Rajesh Miranda, College of Medicine; and Adam Kolasinski, Mays Business School.

NEW BUSINESS

No new business was conducted.

COMMITTEE OF THE WHOLE

Speaker-Elect John Stallone convened the Committee of the Whole.

Angie Hill Price, College of Engineering

Senator Price raised concerns about the number of vehicles driving on sidewalks, especially during class breaks.

David Earnest, College of Medicine

Senator Earnest expressed concern about the continuing issue of extended lengths of time in hiring people for grants. He said there had been some small improvement after representatives from HR looked at the Workday issue, but there are still major problems.

Jorge Alvarado, College of Engineering

Senator Alvarado shared challenges with the new HOWDY website.

Hank Walker, College of Engineering

Senator Walker announced that he is the Faculty Senate representative on the Enterprise Information Steering Committee, and addressed some of the stated concerns with HOWDY. There is a gradual migration from older, no-longer-supported versions to a version supported by the vendor.

Andrew Klein, College of Geosciences

Speaker Klein shared that student leadership had also raised similar issues related to HOWDY.

Angie Hill Price, College of Engineering

Senator Price shared that AOC Deans also expressed concerns about HOWDY.

Stefanie Harris, College of Liberal Arts

Senator Harris suggested faculty be notified in advance of launching new software, stressing communication would help prevent so many problems.

Speaker-Elect John Stallone turned the meeting back over to Speaker Klein.

ADJOURN

The meeting was adjourned at 4:28pm.

ATTACHMENTS BELOW: Approved Consent Agenda, Core Curriculum Council Report

CONSENT AGENDA

GRADUATE COUNCIL

New Courses – *Passed* – FS.37.155

[ARCH 658: Building Materials and Assemblies](#)

[ARCH 668: Preservation Field Studies](#)

[CSCE 706: Structured Programming in C](#)

[CSCE 707: Programming I](#)

[CSCE 708: Introduction to Computer Science Concepts and Programming](#)

[CSCE 709: Intermediate Program Design and Development with C++](#)

[CSCE 714: Advanced Hardware Design Functional Verification](#)

[CSCE 735: Parallel Computing](#)

[CVEN 705: Professional Skills Development for Civil Engineering Industry](#)

[DDDS 614: Introduction to Restorative Dentistry I](#)

[DDDS 615: Introduction to Restorative Dentistry II](#)

[DDDS 716: Integrated Practice of Dentistry Didactic I](#)

[DDDS 717: Integrated Practice of Dentistry Lab I](#)

[DDDS 718: Integrated Practice of Dentistry Didactic II](#)

[DDDS 719: Integrated Practice of Dentistry Lab II](#)

[DDDS 802: Medical Pharmacology](#)

[DDDS 818: Integrated Practice of Dentistry I](#)

[DDDS 819: Integrated Practice of Dentistry II](#)

[DDDS 841: Advanced Oral and Maxillofacial Surgery](#)

[DDDS 861: Orthodontics](#)

[DDDS 902: Applied Pharmacology](#)

[DDDS 917: Dental Board Review](#)

[DDDS 921: Advanced Principles of Patient Evaluation and Management](#)

[ENGR 641: Subsea Umbilical and Control System Design](#)

[EPSY 671: Interpersonal Relationships and Children's Academic Outcomes](#)

[FILM 600: Methods of Film Study](#)

[FINC 655: Seminar in Investment Banking](#)

[GEOG 670: Geological Data Analysis](#)

[HISP 692: Professional Study](#)

[IDIS 653: Distribution Operational Excellence](#)

[IMED 942: Antimicrobial Stewardship](#)

[IMED 943: Infectious Disease in the Orthopedic Patient Population](#)

[INTA 700: The Art of Counterintelligence](#)

[INTA 705: Bioterrorism](#)

[MEID 815: Home Visit Program - Interprofessional Education](#)

[MEID 817: Health Systems Science- Capstone Course](#)

[MHUM 605: Physician and Society Through Films - A Cross-Cultural Perspective on the Human Condition](#)

[MHUM 820: Business of Medicine - A Practicum to Identify and Discuss Complexities of Healthcare Management](#)

[MKTG 602: Marketing Metrics](#)

[MKTG 604: Data Visualization for Marketers](#)

[MKTG 644: HealthTech for Improving Customer Care](#)

[MPED 837: Adolescent Medicine](#)

[MRAD 816: Interventional Radiology](#)

[OCEN 610: Laboratory and Field Instrumentation and Measurements](#)
[OCEN 615: Ocean Engineering Experiments and Oceanographic Measurements](#)
[OCEN 621: Advanced Naval Architecture](#)
[OCEN 661: Analysis of Uncertainties for Ocean Engineers](#)
[OCEN 662: Probabilistic Modeling in Ocean Engineering](#)
[OCEN 667: Offshore Random Processes](#)
[SCSC 647: Genome Editing in Crop Plants](#)
[SURG 864: Minimally Invasive Surgical Research](#)
[SURG 865: Oculoplastic Surgery](#)
[SURG 872: Surgical Innovation Transformative Rapidly Engineered Prototyping](#)
[TCMT 635: Technology Commercialization](#)
[VIBS 988: Veterinary Medicine and Surgery Selective](#)
[VLCS 988: Large Animal Medicine and Surgery Selective](#)
[VSCS 988: Small Animal Medicine and Surgery Selective](#)

New Courses – Galveston – *Passed* – FS.37.156

[MARA 625: Maritime Law and Policy](#)
[MARA 645: Maritime Cybersecurity](#)
[MARA 665: Maritime Business Analytics](#)

Change in Courses – *Passed* – FS.37.157

[AERO 640: Turbulence Processes](#)
[ARCH 647: Documentation of Historic Buildings and Sites](#)
[CVEN 750: Finite Element Theory and Applications in Structural Engineering](#)
[DDDS 601: Biological Foundations of Dentistry](#)
[DDDS 602: Human Structure, Function and Disease I](#)
[DDDS 603: Human Structure, Function and Disease II](#)
[DDDS 604: Human Defenses and Responses to Infectious Disease](#)
[DDDS 611: Ethical Practice](#)
[DDDS 714: Comprehensive Dentistry Clinic](#)
[DDDS 742: Local Anesthesia and Nitrous Oxide/Conscious Sedations](#)
[DDDS 814: Comprehensive Dentistry Clinic](#)
[DDDS 871: Pediatric Dentistry](#)
[DDDS 911: Ethical Practice](#)
[DDDS 914: Comprehensive Dentistry Clinic](#)
[ECEN 609: Adaptive Control](#)
[ECEN 642: Digital Image Processing and Computer Vision](#)
[ENDO 622: Clinical Endodontics I](#)
[ENDO 623: Clinical Endodontics II](#)
[ENDO 624: Clinical Endodontics III](#)
[ENDO 625: Clinical Endodontics IV](#)
[ENDO 626: Clinical Endodontics V](#)
[ENDO 627: Advanced Clinical Endodontics I](#)
[ENDO 628: Advanced Clinical Endodontics II](#)
[GEOS 676: Capstone Experience](#)
[HLTH 635: Health Disparities and Equity](#)
[ISTM 660: Applied Predictive Analytics for Business](#)
[LAW 741: Independent Study](#)
[MATH 610: Numerical Methods in Partial Differential Equations](#)
[MEEN 612: Mechanics of Robot Manipulators](#)

[MEEN 625: Mechanical Behavior of Materials](#)
[MEEN 644: Numerical Heat Transfer and Fluid Flow](#)
[MEEN 683: Multidisciplinary System Analysis and Design Optimization](#)
[MGMT 620: Managing Human Resources](#)
[MKTG 641: Service Quality in Healthcare](#)
[OCEN 682: Coastal Sediment Processes](#)
[SPED 617: Adolescent Literacy Across the Content Areas for Students with Disabilities](#)
[TCMT 631: Capstone I](#)
[VMID 944: Integrated Animal Care III: Elements of Care](#)
[VTPP 627: Biomedical Physiology II](#)

Change in Courses – Inactivation Proposal – *Passed* – FS.37.158

School of Law

Department of Law

[LAW 7836: Externship](#)

Change in Courses – Inactivation Proposal – *Passed* – FS.37.159

School of Law

Department of Law

[LAW 7837: Externship](#)

Change in Courses – Inactivation Proposal – *Passed* – FS.37.160

School of Law

Department of Law

[LAW 7838: Externship](#)

Change in Programs – *Passed* – FS.37.161

College of Science

Department of Mathematics

[BA/MS-MATH/MATH-FTR: Mathematics - 5-Year Bachelor of Arts/Master of Science in Mathematics](#)

Change in Programs – *Passed* – FS.37.162

College of Science

Department of Mathematics

[BS/MS-APMS/MATH-FTR: Applied Mathematics - 5-Year Bachelor of Science/Master of Science in Mathematics](#)

Change in Programs – *Passed* – FS.37.163

College of Education & Human Development

Department of Health & Kinesiology

[BS/MS-KINE/ATTR-ETR: Kinesiology - 5-Year Bachelor of Science/Master of Science](#)

Change in Programs – *Passed* – FS.37.164

College of Science

Department of Mathematics

[BS/MS-MATH/MATH-FTR: Mathematics - 5-Year Bachelor of Science/Master of Science in Mathematics](#)

Change in Programs – *Passed* – FS.37.165

Bush School of Government & Public Service

Department of International Affairs

[CERT-CAIA: Advanced International Affairs - Certificate](#)

Change in Programs – *Passed* – FS.37.166

College of Liberal Arts

Department of Liberal Arts

[CERT-CG13: Digital Humanities - Certificate](#)

Change in Programs – *Passed* – FS.37.167

College of Architecture

Department of Landscape Architecture & Urban Planning

[CERT-CG19: Environmental Hazard Management - Certificate](#)

Change in Programs – *Passed* – FS.37.168

College of Liberal Arts

Department of Liberal Arts

[CERT-CG21: Film and Media Studies - Certificate](#)

Change in Programs – *Passed* – FS.37.169

School of Public Health

Department of Health Policy & Management

[CERT-CG25: Health Systems Management - Certificate](#)

Change in Programs – *Passed* – FS.37.170

College of Architecture

Department of Architecture

[CERT-CG28: Historic Preservation - Certificate](#)

Change in Programs – *Passed* – FS.37.171

Bush School of Government & Public Service

Department of International Affairs

[CERT-CG69: Public Management - Certificate](#)

Change in Programs – *Passed* – FS.37.172

Bush School of Government & Public Service

Department of International Affairs

[CERT-CHLS: Homeland Security - Certificate](#)

Change in Programs – *Passed* – FS.37.173

Bush School of Government & Public Service

Department of International Affairs

[CERT-CNPM: Nonprofit Management - Certificate](#)

Change in Programs – *Passed* – FS.37.174

College of Agriculture & Life Sciences

Department of Entomology

[CERT-VBDR: Vector Biology and Vector-Borne Disease Response in Human and Animal Systems - Certificate](#)

Change in Programs – *Passed* – FS.37.175

College of Architecture

Department of Architecture

[MAR-ARCH: Master of Architecture in Architecture](#)

Change in Programs – *Passed* – FS.37.176

College of Engineering

Department of Engineering

[MEN-ENGR: Master of Engineering in Engineering](#)

Change in Programs – *Passed* – FS.37.177

Bush School of Government & Public Service

Department of International Affairs

[MPS-PSAA: Executive Master of Public Service and Administration in Public Service and Administration](#)

Change in Programs – *Passed* – FS.37.178

College of Agriculture & Life Sciences

Department of Biological & Agricultural Engineering

[MS-AGSM: Master of Science in Agricultural Systems Management](#)

Change in Programs – *Passed* – FS.37.179

College of Agriculture & Life Sciences

Department of Biological & Agricultural Engineering

[MS-BAEN: Master of Science in Biological and Agricultural Engineering](#)

Change in Programs – *Passed* – FS.37.180

College of Veterinary Medicine & Biomedical Sciences

Department of Veterinary Medicine

[MS-BIMS: Master of Science in Biomedical Sciences](#)

Change in Programs – *Passed* – FS.37.181

College of Engineering

Department of Electrical & Computer Engineering

[MS-ELEN: Master of Science in Electrical Engineering](#)

Change in Programs – *Passed* – FS.37.182

College of Engineering

Department of Engineering

[MS-ITDE: Master of Science in Interdisciplinary Engineering](#)

Change in Programs – *Passed* – FS.37.183

College of Dentistry

Department of Dentistry

[DDS-DDDS: Doctor of Dental Surgery](#)

Change in Programs – *Passed* – FS.37.184

School of Law

Department of Law

[JD-JDLW: Juris Doctor](#)

Change in Programs

College of Veterinary Medicine & Biomedical Sciences – *Passed* – FS.37.185

Department of Veterinary Medicine

[DVM-VTMD: Doctor of Veterinary Medicine in Veterinary Medicine](#)

Change in Programs – *Passed* – FS.37.186

College – Galveston Campus

Department of Marine Biology

[MS-MARB: Master of Science in Marine Biology](#)

Change in Programs – *Passed* – FS.37.187

College – Galveston Campus

Department of Marine Biology

[PHD-MARB: Doctor of Philosophy in Marine Biology](#)

Program Inactivation Proposal – Passed – FS.37.188

College of Architecture

Department of Landscape Architecture & Urban Planning

[BLA/MLP-LAND/LPDV-APD: Landscape Architecture - 6-Year Bachelor of Landscape Architecture/Master of Land and Property Development](#)

Program Inactivation Proposal – Passed – FS.37.189

College of Architecture

Department of Landscape Architecture & Urban Planning

[BLA/MUP-LAND/URPL-AUR: Landscape Architecture - 6-Year Bachelor of Landscape Architecture/Master of Urban Planning](#)

Special Consideration Item – Passed – FS.37.190

College of Liberal Arts

Department of Liberal Arts

[BA/MA-ENGL/ENGL-LEN: English - 5-Year Bachelor of Arts/Master of Arts in English](#)

Special Consideration Item – Passed – FS.37.191

College of Geosciences

Department of Oceanography

[BS/MOS-OCNG/OCST-GME: Oceanography - BS, Marine Ecosystem Science and Health Track - 5-Year Bachelor of Science/Master of Ocean Science and Technology](#)

Special Consideration Item – Passed – FS.37.192

College of Geosciences

Department of Oceanography

[BS/MOS-OCNG/OCST-GOL: Oceanography - BS, Ocean Climate Track - 5-Year Bachelor of Science/Master of Ocean Science and Technology](#)

Special Consideration Item – Passed – FS.37.193

College of Geosciences

Department of Oceanography

[BS/MOS-OCNG/OCST-GOO: Oceanography - BS, Ocean Observing Science Technology Track - 5-Year Bachelor of Science/Master of Ocean Science and Technology](#)

Special Consideration Item – Passed – FS.37.194

College of Engineering

Departments of Industrial & Systems Engineering and Environmental & Occupational Health

[BS/MPH-INEN/OCSH-PPH: Industrial Engineering - 5-Year Bachelor of Science/Master of Public Health in Occupational Safety and Health](#)

Special Consideration Item – Passed – FS.37.195

College of Engineering and School of Public Health

Departments of Engineering and Environmental & Occupational Health

[BS/MPH-ITDE/OCSH-PPH: Bachelor of Science \(ITDE\) and Master of Public Health \(OCSH\) Combined Degree Program](#)

Special Consideration Item – Passed – FS.37.196

College of Geosciences

Departments of Geology & Geophysics

[BS/MS-GEOL/GEOL-GGE: Geology - 5-Year Bachelor of Science/Master of Science in Geology](#)

Special Consideration Item – *Passed* – FS.37.197

College of Geosciences

Departments of Geology & Geophysics

[BS/MS-GEOP/GEOP-GGE: Geophysics - 5-Year Bachelor of Science/Master of Science in Geophysics](#)

Special Consideration Item – *Passed* – FS.37.198

College of Engineering and School of Law

Departments of Engineering and Law

[BS/JD-ITDE/JDLW-LJD: Interdisciplinary Engineering - 6-Year Bachelor of Science and Juris Doctor](#)

Special Consideration Item – *Passed* – FS.37.199

College of Engineering

Department of Electrical & Computer Engineering

[CERT-EESY: Electric Energy Systems - Certificate](#)

Special Consideration Item – *Passed* – FS.37.200

College of Geosciences

Department of Geology

[CERT-GSPI: Geospatial Intelligence - Certificate](#)

Special Consideration Item – *Passed* – FS.37.201

College of Architecture

Department of Architecture

[MS/MAR-ARCH: Master of Science in Architecture and Master of Architecture in Architecture Combined Degree Program](#)

Special Consideration Item – *Passed* – FS.37.202

School of Public Health and School of Law

Departments of Health Policy & Management and Law

[MPH/JD-PHPM/JDLW-PHL: Master of Public Health in Health Policy Management \(PHPM\) and Juris Doctor \(JDLW\) Combination Degree Program](#)

UNDERGRADUATE CURRICULUM COMMITTEE

New Courses – *Passed* – FS.37.203

[ANSC 429: Dairy Production Management](#)

[ANTH 222: Cross Cultural Competency](#)

[ARCH 444: American Architecture](#)

[ARCH 468: Preservation Field Studies](#)

[BICH 409: Principles of Biochemistry](#)

[BIMS 125: Animals in Society](#)

[CLEN 101: Engineering Approaches to Problems](#)

[CLEN 181: Engineering Learning Community Student Success Seminar](#)

[CLEN 201: Tools for Engineering Analysis](#)

[CLEN 301: Humanity and Materials](#)

[CLEN 302: Survey of Nuclear Technology](#)

[CLEN 303: Renewable Energy and the Environment](#)

[CLEN 304: Pushing the Limits of Construction - Taller, Stronger, Leaner](#)

[COMM 317: Social Media Law](#)

[COMM 326: Event and Communication Planning](#)

[COSC 303: High Performance Residential Building](#)

[CSCE 413: Software Security](#)

[CVEN 464: Environmental Fluid Mechanics](#)

[ECEN 429: Machine Learning for Signal Processing](#)

[ECEN 446: Information Theory, Inference and Learning Algorithms](#)
[ECEN 461: Electronic Noise](#)
[EPSY 284: Internship](#)
[EVEN 201: Introduction to the Environmental Engineering Profession](#)
[FINC 268: Careers in Energy Finance](#)
[FINC 345: Success Factors in Corporate Finance](#)
[FINC 436: Corporate Finance Capstone](#)
[FINC 468: Entrepreneurial Finance](#)
[FYEX 101: First Year Experience](#)
[GEOS 443: Global Biogeochemical Cycles](#)
[HIST 448: American Law Since 1865](#)
[INTS 311: Cultural Politics](#)
[ISEN 281: Essential of Modern Manufacturing Methods for Engineering Design](#)
[JOUR 341: Mobile Journalism](#)
[MKTG 443: The Business of Healthcare](#)
[MKTG 444: HealthTech for Improving Customer Care](#)
[NUEN 315: Thermodynamics in Nuclear Systems](#)
[PERF 333: Movement in Performance Studies](#)
[PERF 338: Performing Communities](#)
[PSYC 105: First Semester Experience](#)
[PSYC 225: Lifespan Development](#)
[PSYC 245: Introduction to Psychological Science Methods](#)
[PSYC 471: Research Writing in Neuroscience](#)
[PSYC 475: Communicating Neuroscience Concepts](#)
[PSYC 483: Teaching Scholars](#)
[SOCI 422: Race, Ethnicity, Crime and Justice](#)
[VIBS 210: Twenty-first Century Global One Health](#)
[VIBS 211: Twenty-first Century Biological Threats](#)

New Courses – Galveston – *Passed* – FS.37.204

[MARE 217: Circuit Analysis](#)
[MARE 315: Thermodynamics for Technologists](#)
[MARE 317: Marine Analog Electronics](#)
[MARE 318: Strength of Materials](#)

Change in Courses – *Passed* – FS.37.205

[ACCT 327: Financial Reporting I](#)
[ACCT 427: Accounting and Financial Information Systems](#)
[ACCT 430: Global Immersion in Accounting](#)
[ACCT 450: Accounting Ethics](#)
[AERO 423: Orbital Mechanics](#)
[ANSC 117: Texas Barbecue](#)
[ANSC 303: Principles of Animal Nutrition](#)
[ANSC 311: Equine Behavior and Training](#)
[ANSC 312: Intermediate Horse Training and Sales](#)
[ANSC 412: Swine Production and Management](#)
[ARAB 301: Reading and Composition](#)
[ARAB 302: Reading and Composition II](#)
[ARCH 212: Social and Behavioral Factors in Design](#)
[ARCH 335: Architectural Systems](#)
[ARCH 347: Documentation of Historic Buildings and Sites](#)
[ARTS 115: Drawing for Visualization](#)
[ARTS 315: Figure Drawing For Narrative and Concept Development](#)
[BMEN 211: Biomedical Applications of Signals and Systems](#)
[BMEN 253: Medical Device Design I](#)
[BMEN 305: Bioinstrumentation](#)

[BMEN 321: Biomedical Electronics](#)
[BMEN 344: Biological Responses to Medical Devices](#)
[BMEN 345: Biomaterials Lab](#)
[BMEN 353: Medical Device Design II](#)
[BMEN 420: Medical Imaging](#)
[BMEN 453: Analysis and Design Project I](#)
[BMEN 454: Analysis and Design Project II](#)
[BMEN 465: Biomechanics Experiential Learning Lab](#)
[CHEM 106: Molecular Science for Citizens](#)
[COMM 257: Communication, Religion and the Arts](#)
[COSC 184: Construction Safety I](#)
[COSC 284: Introduction to Applied Workplace Ethics, Etiquette and Communications](#)
[COSC 464: Construction Safety II](#)
[COSC 484: Internship - 10 Week](#)
[COSC 494: Internship](#)
[CVEN 336: Fluid Dynamics Laboratory](#)
[CVEN 465: Coastal Resilience](#)
[DCED 301: Dance History](#)
[ENGL 333: Lesbian, Gay, Bisexual, Transgender and Queer Literatures](#)
[ESET 333: Product Development](#)
[ESET 350: Analog Electronics](#)
[ESET 359: Electronic Instrumentation](#)
[ESET 415: Advanced Network Systems and Security](#)
[ESET 462: Control Systems](#)
[EURO 405: European Cinema](#)
[EVEN 304: Environmental Engineering Lab](#)
[EVEN 400: Design Problems in Environmental Engineering I](#)
[EVEN 404: Environmental Unit Operations Laboratory](#)
[FILM 343: Sex, Gender and Cinema](#)
[FILM 394: Studies in Film Genre](#)
[FILM 401: National Cinema History](#)
[FILM 417: Film Authorship](#)
[FILM 481: Seminar in Film Studies](#)
[FILM 484: Internship in Film Studies](#)
[FILM 485: Directed Studies](#)
[FILM 491: Research](#)
[FIVS 316: Biotechnology and Forensics](#)
[FIVS 401: Forensic Soil Science](#)
[FIVS 415: Practice and Principles of Science and Law](#)
[FIVS 422: Crime Scene Investigation](#)
[FIVS 481: Seminar](#)
[FIVS 491: Research](#)
[GEOL 450: Geology Senior Project](#)
[GEOS 470: Data Analysis Methods in Geosciences](#)
[HIST 305: Chicana/o History since 1848](#)
[HIST 445: History of Military Strategy](#)
[HIST 468: Latinx Civil Rights Movements](#)
[IDIS 464: Distributor Operations and Financial Management](#)
[INST 210: Understanding Special Populations](#)
[KINE 210: The Art of Movement](#)
[LMAS 201: Introduction to Latino/Mexican American Studies](#)
[MATH 171: Calculus I](#)
[MATH 172: Calculus II](#)
[MEEN 491: Research](#)
[MKTG 404: Data Visualization for Marketers](#)
[MMET 281: Manufacturing and Assembly Processes II](#)

[MMET 301: Mechanical Power Transmission](#)
[MMET 463: Mechanical Design Applications II](#)
[MSEN 330: Numerical Methods for Materials Scientists and Engineers](#)
[MSEN 380: Communicating Materials Science and Engineering](#)
[MSEN 470: Computational Materials Science and Engineering](#)
[NURS 323: Nursing Care of Women, Families and Newborns](#)
[NURS 411: Evidence-Based Practice for Nurses](#)
[NURS 412: Care of Mental Health Clients](#)
[NURS 413: Nursing Care of Children and Families](#)
[NURS 421: Care of Community Health Clients](#)
[NURS 430: Transition to Professional Nursing Practice](#)
[OCNG 203: Communicating Oceanography](#)
[OCNG 440: Chemical Oceanography](#)
[PERF 328: Japanese Traditional Performing Arts](#)
[PETE 336: Petroleum Technical Presentation I](#)
[PETE 436: Petroleum Technical Presentation II](#)
[PSYC 300: Psychology of Women](#)
[SOC1 220: Methods of Social Research](#)
[SOC1 450: Social Entrepreneurship](#)
[VIST 106: Principles of Design II](#)
[VIST 206: Visual Studies Studio I](#)
[VIST 271: Computing for Visualization II](#)
[VTPB 334: Poultry Diseases](#)

Change in Courses – Galveston – *Passed* – FS.37.206

[MARB 445: Marine Fisheries Management](#)
[MARE 210: Metallurgy for Marine Engineers](#)

Change in Programs – *Passed* – FS.37.207

College of Liberal Arts

Department of Anthropology

[BA-ANTH: Anthropology - BA](#)

Change in Programs – *Passed* – FS.37.208

College of Liberal Arts

Department of Anthropology

[BA-ANTH-ATR: Anthropology - BA, Archaeology Track](#)

Change in Programs – *Passed* – FS.37.209

College of Liberal Arts

Department of Communication

[BA-COMM: Communication - BA](#)

Change in Programs – *Passed* – FS.37.210

College of Liberal Arts

Department of International Studies

[BA-INTS-GCS: International Studies - BA, Global Cultural Studies Track](#)

Change in Programs – *Passed* – FS.37.211

College of Liberal Arts

Department of International Studies

[BA-INTS-ICC: International Studies - BA, International Commerce Track](#)

Change in Programs – *Passed* – FS.37.212

College of Liberal Arts

Department of International Studies

[BA-INTS-ICM: International Studies - BA, International Communication and Media Track](#)

Change in Programs – *Passed* – FS.37.213

College of Liberal Arts

Department of International Studies

[BA-INTS-IES: International Studies - BA, Environmental Studies Track](#)

Change in Programs – *Passed* – FS.37.214

College of Liberal Arts

Department of International Studies

[BA-INTS-IGI: International Studies - BA, International Geographic Information Systems Track](#)

Change in Programs – *Passed* – FS.37.215

College of Liberal Arts

Department of International Studies

[BA-INTS-IPD: International Studies - BA, International Politics and Diplomacy Track](#)

Change in Programs – *Passed* – FS.37.216

College of Science

Department of Mathematics

[BA-MATH: Mathematics - BA](#)

Change in Programs – *Passed* – FS.37.217

College of Liberal Arts

Department of Performance Studies

[BA-PERF: Performance Studies - BA](#)

Change in Programs – *Passed* – FS.37.218

College of Liberal Arts

Department of Philosophy & Humanities

[BA-PHIL: Philosophy - BA](#)

Change in Programs – *Passed* – FS.37.219

College of Science

Department of Physics and Astronomy

[BA-PHYS: Physics - BA](#)

Change in Programs – *Passed* – FS.37.220

College of Liberal Arts

Department of Psychological and Brain Sciences

[BA-PSYC: Psychology - BA](#)

Change in Programs – *Passed* – FS.37.221

College of Liberal Arts

Department of Communication

[BA-TCMS: Telecommunication Media Studies - BA](#)

Change in Programs – *Passed* – FS.37.222

College of Liberal Arts

Department of Communication

[BA-USLA-JNS*: University Studies - BA, Journalism Concentration](#)

Change in Programs – *Passed* – FS.37.223

College of Liberal Arts

Department of Liberal Arts

[BA-USLA-SEL*: University Studies - BA, Society, Ethics and Law Concentration](#)

Change in Programs – *Passed* – FS.37.224

College of Liberal Arts

Department of Liberal Arts

[BA-WGST: Women's and Gender Studies - BA](#)

Change in Programs – *Passed* – FS.37.225

Mays Business School

Department of Marketing

[BBA-MKTG-ADS: Marketing - BBA, Advertising Strategy Track](#)

Change in Programs – *Passed* – FS.37.226

Mays Business School

Department of Marketing

[BBA-MKTG-ANC: Marketing - BBA, Analytics and Consulting Track](#)

Change in Programs – *Passed* – FS.37.227

Mays Business School

Department of Marketing

[BBA-MKTG-PSS: Marketing - BBA, Professional Selling and Sales Management Track](#)

Change in Programs – *Passed* – FS.37.228

College of Architecture

Department of Architecture

[BED-EDAS: Environmental Design Architectural Studies - BED](#)

Change in Programs – *Passed* – FS.37.229

College of Agriculture & Life Sciences

Department of Biological & Agricultural Engineering

[BS-AGSM: Agricultural Systems Management - BS](#)

Change in Programs – *Passed* – FS.37.230

College of Agriculture & Life Sciences

Department of Agricultural Leadership, Education & Communication

[BS-ALED: Agricultural Leadership and Development - BS](#)

Change in Programs – *Passed* – FS.37.231

College of Liberal Arts

Department of Anthropology

[BS-ANTH: Anthropology - BS](#)

Change in Programs – *Passed* – FS.37.232

College of Science

Department of Mathematics

[BS-APMS: Applied Mathematical Sciences - BS, Math Emphasis](#)

Change in Programs – *Passed* – FS.37.233

College of Science

Department of Mathematics

[BS-APMS-ACT: Applied Mathematical Sciences - BS, Actuarial Emphasis](#)

Change in Programs – *Passed* – FS.37.234

College of Science

Department of Mathematics

[BS-APMS-BIO: Applied Mathematical Sciences - BS, Biological Science Emphasis](#)

Change in Programs – *Passed* – FS.37.235

College of Science

Department of Mathematics

[BS-APMS-CPS: Applied Mathematical Sciences - BS, Computational Emphasis](#)

Change in Programs – *Passed* – FS.37.236

College of Science

Department of Mathematics

[BS-APMS-ECO: Applied Mathematical Sciences - BS, Economics Emphasis](#)

Change in Programs – *Passed* – FS.37.237

College of Science

Department of Mathematics

[BS-APMS-STA: Applied Mathematical Sciences - BS, Statistics Emphasis](#)

Change in Programs – *Passed* – FS.37.238

College of Engineering

Department of Engineering

[BS-AREN-MSB: Architectural Engineering - BS, Mechanical Systems for Buildings Track](#)

Change in Programs – *Passed* – FS.37.239

College of Engineering

Department of Engineering

[BS-AREN-SSB: Architectural Engineering - BS, Structural Systems for Buildings Track](#)

Change in Programs – *Passed* – FS.37.240

College of Engineering

Department of Biomedical Engineering

[BS-BMEN: Biomedical Engineering - BS](#)

Change in Programs – *Passed* – FS.37.241

College of Architecture

Department of Construction Science

[BS-COSC: Construction Science - BS](#)

Change in Programs – *Passed* – FS.37.242

College of Engineering

Department of Computer Science & Engineering

[BS-CPSC: Computer Science - BS](#)

Change in Programs – *Passed* – FS.37.243

College of Engineering

Department of Civil and Environmental Engineering

[BS-CVEN-CEM: Civil Engineering - BS, Construction Engineering and Management Track](#)

Change in Programs – *Passed* – FS.37.244

College of Engineering

Department of Engineering

[BS-ENGE: Engineering First-Year Curriculum](#)

Change in Programs – *Passed* – FS.37.245

College of Engineering

Department of Civil and Environmental Engineering

[BS-EVEN: Environmental Engineering - BS](#)

Change in Programs – *Passed* – FS.37.246

College of Agriculture & Life Sciences

Department of Entomology

[BS-FIVS-LWE: Forensic and Investigative Sciences - BS, Pre-Law Emphasis](#)

Change in Programs – *Passed* – FS.37.247

College of Agriculture & Life Sciences

Department of Entomology

[BS-FIVS-SCE: Forensic and Investigative Sciences - BS, Science Emphasis](#)

Change in Programs – *Passed* – FS.37.248

College of Agriculture & Life Sciences

Department of Biochemistry & Biophysics

[BS-GENE: Genetics - BS](#)

Change in Programs – *Passed* – FS.37.249

College of Geosciences

Department of Geography

[BS-GEOG: Geography - BS](#)

Change in Programs – *Passed* – FS.37.250

College of Engineering

Department of Engineering

[BS-ITDE: Interdisciplinary Engineering - BS](#)

Change in Programs – *Passed* – FS.37.251

College of Science

Department of Mathematics

[BS-MATH: Mathematics - BS](#)

Change in Programs – *Passed* – FS.37.252

College of Engineering

Department of Materials Science & Engineering

[BS-MSEN: Materials Science and Engineering - BS](#)

Change in Programs – *Passed* – FS.37.253

College of Engineering

Department of Engineering Technology & Industrial Distribution

[BS-MXET-ELM: Multidisciplinary Engineering Technology - BS, Electro Marine Engineering Technology Track](#)

Change in Programs – *Passed* – FS.37.254

College of Liberal Arts

Department of Psychological and Brain Sciences

[BS-NRSC-BCN: Neuroscience - BS, Behavioral and Cognitive Neuroscience](#)

Change in Programs – *Passed* – FS.37.255

College of Science

Department of Biology

[BS-NRSC-MCB: Neuroscience - BS, Molecular and Cellular Neuroscience](#)

Change in Programs – *Passed* – FS.37.256

College of Engineering

Department of Petroleum Engineering

[BS-PETE: Petroleum Engineering - BS](#)

Change in Programs – *Passed* – FS.37.257

College of Science

Department of Physics and Astronomy

[BS-PHYS: Physics - BS](#)

Change in Programs – *Passed* – FS.37.258

College of Liberal Arts

Department of Psychological and Brain Sciences

[BS-PSYC: Psychology - BS](#)

Change in Programs – *Passed* – FS.37.259

College of Liberal Arts

Department of Communication

[BS-TCMS: Telecommunication Media Studies - BS](#)

Change in Programs – *Passed* – FS.37.260

College of Agriculture & Life Sciences

Department of Agricultural Leadership, Education & Communication

[BS-USAL-LED*: University Studies - BS, Leadership Studies Concentration](#)

Change in Programs – *Passed* – FS.37.261

College of Science

Department of Science

[BS-USSC-MBU*: University Studies - BS, Mathematics for Business Concentration](#)

Change in Programs – *Passed* – FS.37.262

College of Science

Department of Science

[BS-USSC-MFT*: University Studies - BS, Mathematics for Teaching Concentration](#)

Change in Programs – *Passed* – FS.37.263

College of Science

Department of Science

[BS-USSC-MPP*: University Studies - BS, Mathematics for Pre-Professionals Concentration](#)

Change in Programs – *Passed* – FS.37.264

College of Science

Department of Science

[BS-USSC-SST*: University Studies - BS, Science for Secondary Teaching Concentration](#)

Change in Programs – *Passed* – FS.37.265

College of Engineering

Department of Petroleum Engineering

[CERT-CU66: Petroleum Ventures - Certificate](#)

Change in Programs – *Passed* – FS.37.266

Mays Business School

Department of Accounting

[CERT-CU68: Internal Audit Certificate](#)

Change in Programs – *Passed* – FS.37.267

College of Science

Department of Physics and Astronomy

[MINOR-ASTP: Astrophysics - Minor](#)

Change in Programs – *Passed* – FS.37.268

College of Science

Department of Biology

[MINOR-BIOL: Biology - Minor](#)

Change in Programs – *Passed* – FS.37.269

College of Liberal Arts

Department of International Studies

[MINOR-CCIS: Comparative Cultural Studies International - Minor](#)

Change in Programs – *Passed* – FS.37.270

College of Science

Department of Chemistry

[MINOR-CHEM: Chemistry - Minor](#)

Change in Programs – *Passed* – FS.37.271

College of Engineering

Department of Computer Science & Engineering

[MINOR-CPSC: Computer Science - Minor](#)

Change in Programs – *Passed* – FS.37.272

College of Engineering

Department of Materials Science & Engineering

[MINOR-MSEN: Materials Science and Engineering - Minor](#)

Change in Programs – *Passed* – FS.37.273

College of Liberal Arts

Department of Performance Studies

[MINOR-PERF: Performance Studies - Minor](#)

Change in Programs – *Passed* – FS.37.274

College of Agriculture & Life Sciences

Department of Recreation, Park & Tourism

[MINOR-PNRM: Park and Natural Resource Management - Minor](#)

Change in Programs – *Passed* – FS.37.275

College of Liberal Arts

Department of Sociology

[MINOR-SOCI: Sociology - Minor](#)

Change in Programs – *Passed* – FS.37.276

College of Agriculture & Life Sciences

Department of Recreation, Park & Tourism

[MINOR-YDEV: Youth Development - Minor](#)

Change in Programs – Qatar – *Passed* – FS.37.277

College – Qatar Campus

Department of Chemical Engineering

[BS-CHEM-QT: Chemical Engineering - BS, Qatar Campus](#)

Change in Programs – Qatar – *Passed* – FS.37.278

College – Qatar Campus

Department of Electrical & Computer Engineering

[BS-ELEN-QT: Electrical Engineering - BS, Qatar Campus](#)

Change in Programs – Qatar – *Passed* – FS.37.279

College – Qatar Campus

Department of Mechanical Engineering

[BS-MEEN-QT: Mechanical Engineering - BS, Qatar Campus](#)

Change in Programs – Qatar – *Passed* – FS.37.280

College – Qatar Campus

Department of Petroleum Engineering

[BS-PETE-QT: Petroleum Engineering - BS, Qatar Campus](#)

Program Inactivation Proposal – *Passed* – FS.37.281

Mays Business School

Department of Marketing

[BBA-MKTG-RBM: Marketing - BBA, Retail Buying and Management Track](#)

Special Consideration Item – *Passed* – FS.37.282

Mays Business School

Department of Marketing

[BBA-MKTG-HCM: Marketing - BBA, Healthcare Marketing Track](#)

Special Consideration Item – *Passed* – FS.37.283

Mays Business School

Department of Marketing

[BBA-MKTG-SRE: Marketing - BBA, Strategic Retailing Track](#)

Special Consideration Item – *Passed* – FS.37.284

College of Science

Department of Mathematics

[BS-APMS-CRT: Bachelor of Science in Applied Mathematical Sciences , Cryptography Emphasis](#)

Special Consideration Item – *Passed* – FS.37.285

College of Liberal Arts

Department of Communication

[BS-COMM: Communication - BS](#)

Special Consideration Item – *Passed* – FS.37.286

College of Science

Department of Physics and Astronomy

[BS-PHYS-ASP: Physics - BS , Astrophysics Track](#)

Special Consideration Item – *Passed* – FS.37.287

College of Science

Department of Physics and Astronomy

[BS-PHYS-BUS: Physics - BS, Business Track](#)

Special Consideration Item – *Passed* – FS.37.288

College of Science

Department of Physics and Astronomy

[BS-PHYS-CPS: Physics - BS, Computational Science Track](#)

Special Consideration Item – *Passed* – FS.37.289

College of Science

Department of Science

[BS-USSC-ASC*: University Studies - BS, Arts and Sciences Concentration](#)

Special Consideration Item – *Passed* – FS.37.290

College of Liberal Arts

Department of Liberal Arts

[BS-WGST: Women's and Gender Studies - BS](#)

Special Consideration Item – *Passed* – FS.37.291

College of Education & Human Development

Department of Educational Psychology

[CERT-INST: Interdisciplinary Studies - Certificate](#)

Special Consideration Item – *Passed* – FS.37.292

College of Engineering

Department of Engineering

[MINOR-ENCP: Engineering Concepts - Minor](#)

Special Consideration Item – *Passed* – FS.37.293

College of Science

Department of Biology

[MINOR-PMED: Pre-Medicine - Minor](#)

W&C COURSES

Courses Submitted for C Certification – *Passed* – FS.37.294

[EVEN 400-C: Design Problems in Environmental Engineering I](#)

Courses Submitted for W Certification – *Passed* – FS.37.295

[COMM 440-W: Political Communication](#)

[OCNG 203-W: Communicating Oceanography Laboratory](#)

[SCSC 481-W: Senior Seminar](#)

End of Consent Agenda

COMMITTEE REPORTS

CORE CURRICULUM COUNCIL COURSE REPORT – *Attachment B – Passed* – FS.37.296

New Courses – Cultural Discourse

[DCED 301-CD: Dance History](#)

[GEOS 110-CD: Disasters and Society](#)

[HLTH 342-CD: Human Sexuality](#)

[INTS 211-CD: Foundations in Cultural Studies](#)

[INTS 215-CD: Global Cinema](#)

New Courses – Cultural Discourse – Galveston

[MARA 373-CD: Personnel Management](#)

New Courses – International and Cultural Diversity

[ESSM 308-ICD: Fundamentals of Environmental Decision-Making](#)

[HIST 221-ICD: History of Islam](#)

[HIST 347-ICD: Rise of Islam, 600-1258](#)

[HIST 352-ICD: Modern East Asia](#)

[HIST 412-ICD: Soviet Union 1917-1991](#)

[HIST 477-ICD: Women and Gender in Modern European History](#)

[HLTH 333-ICD: Spirituality and Health](#)

[IBUS 459-ICD: Latin American Markets](#)

[NFSC 300-ICD: Religious and Ethnic Foods](#)

[RPTS 411-ICD: Cruise Tourism](#)

New Courses – International and Cultural Diversity – Galveston

[MARB 407-ICD: Research and Conservation in Greece-Dolphins, Fisheries and Cultural Heritage](#)