

October 7, 2016

Members present: James Herman (Chair), College of Veterinary Medicine and Biomedical Sciences; Bob Knight (Vice Chair), College of Agriculture and Life Sciences; Michelle Diaz (for Jon Jaspersen), Mays Business School; Chris Cherry, College of Education and Human Development; Prasad Enjeti, College of Engineering; Brendan Roark (for Christian Brannstrom), College of Geosciences; Nancy Street (for Steve Oberhelman), College of Liberal Arts; Rebecca Burns (for Brian Holland), College of Nursing; Tim Scott, College of Science; Melanie Moser, Texas A&M University at Galveston; Stephanie Graves, Texas A&M University Libraries; Jean Layne, Center for Teaching Excellence.

Guests: Jim Boyd, Department of Aerospace Engineering; Katherine Toback, Department of Chemical Engineering; Kelly Brumbelow, Department of Civil Engineering; Johnny Hurtado and Sally Kallina, College of Engineering; John Keyser, Department of Computer Science and Engineering; Aydin Karsilayan, Department of Electrical and Computer Engineering; Jay Porter, Department of Engineering Technology and Industrial Distribution; Michael Arnold and Holly Smith, Department of Horticultural Sciences; Jake Williams, Department of Petroleum Engineering.

The Undergraduate Curriculum Committee recommends approval of the following:

The minutes of the September 2, 2016 e-vote meeting.

Courses and programs as listed below.

Item #	Type	Status	Code	Title
A54	Course	Added	ESET 444	ESET 444: Building Energy Management Systems
A55	Course	Added	MEEN 454	MEEN 454: Tribology
A57	Course	Added	AERO 202	AERO 202: Introduction to Flight Mechanics
A58	Course	Added	AERO 299	AERO 299: Mid-Curriculum Professional Development
A59	Course	Added	BIOL 100	BIOL 100: Horizons in Biology
A60	Course	Added	BIOL 302	BIOL 302: Careers in Biology
A61	Course	Added	BIOL 480	BIOL 480: Departmental Colloquium
A62	Course	Added	BMEN 399	BMEN 399: Engineering Professional Development
A63	Course	Added	CHEN 399	CHEN 399: Mid-Curriculum Professional Development
A64	Course	Added	CSCE 399	CSCE 399: High-Impact Experience
A65	Course	Added	ECEN 399	ECEN 399: High Impact Professional Development
A66	Course	Added	ENGR 299	ENGR 299: Mid-Curriculum Professional Development
A67	Course	Added	ENTC 399	ENTC 399: High Impact Experience
A68	Course	Added	ESET 453	ESET 453: Validation and Verification
A69	Course	Added	ESET 456	ESET 456: Embedded Sensors and Internet of Things (IoT) Systems
A70	Course	Added	ESET 469	ESET 469: Embedded Real Time Software Development
A71	Course	Added	EVEN 304	EVEN 304: Environmental and Water Resources Engineering Lab
A72	Course	Added	EVEN 466	EVEN 466: Sustainability and Life Cycle Analysis
A73	Course	Added	GEOL 150	GEOL 150: Introduction to the Solid Earth
A74	Course	Added	GEOL 152	GEOL 152: History of the Earth
A75	Course	Added	GEOL 180	GEOL 180: Introduction to Geology and Geophysics
A76	Course	Added	GEOL 250	GEOL 250: Geological Field Methods
A77	Course	Added	GEOL 314	GEOL 314: Paleontology and Geobiology
A78	Course	Added	GEOL 350	GEOL 350: Summer Field Geology
A79	Course	Added	GEOL 450	GEOL 450: Geology Senior Project
A80	Course	Added	GEOP 313	GEOP 313: Geophysical Field Methods
A81	Course	Added	GEOP 361	GEOP 361: Geophysical Signal Processing
A82	Course	Added	GEOS 205	GEOS 205: Environmental Geosciences Cornerstone

Minutes of the UCC

October 7, 2016

Texas A&M University

Item #	Type	Status	Code	Title
A83	Course	Added	ISEN 399	ISEN 399: Professional Development
A84	Course	Added	JOUR 468	JOUR 468: Magazine Feature Writing
A85	Course	Added	KINE 324	KINE 324: Career Development in Coaching and Youth Development
A86	Course	Added	MAST 340	MAST 340: Museums and the Construction of Identities
A87	Course	Added	MAST 365	MAST 365: Material Culture
A88	Course	Added	MAST 369	MAST 369: Information Collections Care and Management
A89	Course	Added	MAST 470	MAST 470: Advanced Museum Studies
A90	Course	Added	MEEN 399	MEEN 399: High Impact Experience for Mechanical Engineers
A91	Course	Added	MMET 375	MMET 375: Applied Dynamic Systems
A92	Course	Added	MXET 300	MXET 300: Mechatronics I – Mobile Robotic Systems
A93	Course	Added	NUEN 102	NUEN 102: Nuclear Engineering Practice
A94	Course	Added	OCEN 399	OCEN 399: Leadership and Experience
A95	Course	Added	PETE 409	PETE 409: Enhanced Oil Recovery
A96	Course	Added	POLS 232	POLS 232: Introduction to Public Policy
A97	Course	Added	SPMT 230	SPMT 230: Introduction to Leadership in Sport Organizations
A98	Course	Added	SPMT 321	SPMT 321: Risk Management in Sport Organizations
A99	Course	Added	SPMT 330	SPMT 330: Application of Leadership Skills in Sport Organizations
A100	Course	Added	SPMT 412	SPMT 412: Managing Sport Events
C50	Course	Edited	BESC 201	BESC 201: Introduction to Bioenvironmental Sciences
C51	Course	Edited	BIOL 434	BIOL 434: Regulatory and Behavioral Neuroscience
C52	Course	Edited	CHEN 204	CHEN 204: Elementary Chemical Engineering
C53	Course	Edited	CHEN 304	CHEN 304: Chemical Engineering Fluid Operations
C54	Course	Edited	CHEN 313	CHEN 313: Chemical Engineering Materials
C55	Course	Edited	CHEN 320	CHEN 320: Numerical Analysis for Chemical Engineers
C56	Course	Edited	CHEN 323	CHEN 323: Chemical Engineering Heat Transfer Operations
C57	Course	Edited	CHEN 354	CHEN 354: Chemical Engineering Thermodynamics II
C58	Course	Edited	CHEN 382	CHEN 382: Bioprocess Engineering
C59	Course	Edited	CHEN 414	CHEN 414: Chemical Engineering Laboratory I
C60	Course	Edited	CHEN 424	CHEN 424: Chemical Engineering Mass Transfer Operations
C61	Course	Edited	CHEN 425	CHEN 425: Process Integration, Simulation and Economics
C62	Course	Edited	CHEN 426	CHEN 426: Chemical Engineering Plant Design
C63	Course	Edited	CHEN 433	CHEN 433: Chemical Engineering Laboratory II
C64	Course	Edited	CHEN 461	CHEN 461: Process Dynamics and Control
C65	Course	Edited	CHEN 464	CHEN 464: Kinetics and Reactor Design
C66	Course	Edited	CHEN 481	CHEN 481: Seminar
C67	Course	Edited	CSCE 444	CSCE 444: Structures of Interactive Information
C68	Course	Edited	CVEN 305	CVEN 305: Mechanics of Materials
C69	Course	Edited	CVEN 349	CVEN 349: Civil Engineering Project Management
C70	Course	Edited	ECEN 214	ECEN 214: Electrical Circuit Theory
C71	Course	Edited	ECEN 215	ECEN 215: Principles of Electrical Engineering
C72	Course	Edited	ECEN 248	ECEN 248: Introduction to Digital Systems Design
C73	Course	Edited	ECEN 415	ECEN 415: Physical and Economical Operations of Sustainable Energy Systems
C74	Course	Edited	ECEN 452	ECEN 452: Ultra High Frequency Techniques
C75	Course	Edited	ECEN 455	ECEN 455: Digital Communications
C76	Course	Edited	ENGL 310	ENGL 310: History of the English Language
C77	Course	Edited	ENTC 491	ENTC 491: RESEARCH
C78	Course	Edited	ESET 269	ESET 269: Embedded Systems Development in C

Minutes of the UCC

October 7, 2016

Texas A&M University

Item #	Type	Status	Code	Title
C79	Course	Edited	ESET 319	ESET 319: Engineering Leadership
C80	Course	Edited	ESET 333	ESET 333: Product Development
C81	Course	Edited	ESET 350	ESET 350: Analog Electronics
C82	Course	Edited	ESET 366	ESET 366: Communications Electronics
C83	Course	Edited	ESET 419	ESET 419: Engineering Technology Capstone I
C84	Course	Edited	GEOL 203	GEOL 203: Mineralogy
C85	Course	Edited	GEOL 210	GEOL 210: Geological Communication
C86	Course	Edited	GEOL 304	GEOL 304: Igneous and Metamorphic Petrology
C87	Course	Edited	GEOL 306	GEOL 306: Sedimentology and Stratigraphy
C88	Course	Edited	GEOL 312	GEOL 312: Structural Geology and Tectonics
C89	Course	Edited	GEOP 341	GEOP 341: Fundamentals of Geophysics
C90	Course	Edited	GEOP 413	GEOP 413: Near-surface Geophysics
C91	Course	Edited	GEOP 421	GEOP 421: Seismology
C92	Course	Edited	HEFB 324	HEFB 324: Technology and Teaching Skills for the 21st Century Learner
C93	Course	Edited	HIST 336	HIST 336: Europe Since 1919
C94	Course	Edited	IDIS 330	IDIS 330: Sales Engineering
C95	Course	Edited	IDIS 340	IDIS 340: Manufacturer Distributor Relations
C96	Course	Edited	IDIS 343	IDIS 343: Distribution Logistics
C97	Course	Edited	IDIS 344	IDIS 344: Distributor Information and Control Systems
C98	Course	Edited	IDIS 400	IDIS 400: Industrial Automation
C99	Course	Edited	IDIS 403	IDIS 403: Fluid Power Transmission
C100	Course	Edited	IDIS 424	IDIS 424: Purchasing Applications in Distribution
C101	Course	Edited	IDIS 434	IDIS 434: The Quality Process in Distribution
C102	Course	Edited	IDIS 444	IDIS 444: Ethics and Leadership in Distribution
C103	Course	Edited	IDIS 464	IDIS 464: Distributor Operations and Financial Management
C104	Course	Edited	ITAL 452	ITAL 452: Women and Gender in Italy
C105	Course	Edited	KNFB 325	KNFB 325: Introduction to Secondary School Teaching
C106	Course	Edited	MATH 467	MATH 467: Modern Geometry
C107	Course	Edited	MEEN 289	MEEN 289: Special Topics in...
C108	Course	Edited	MMET 105	MMET 105: Engineering Graphics
C109	Course	Edited	MMET 181	MMET 181: Manufacturing and Assembly Processes I
C110	Course	Edited	MMET 201	MMET 201: Manufacturing and Materials
C111	Course	Edited	MMET 307	MMET 307: Computer Design Graphics
C112	Course	Edited	MMET 361	MMET 361: Product Design and Solid Modeling
C113	Course	Edited	MMET 429	MMET 429: Managing People and Projects in a Technological Society
C114	Course	Edited	NUTR 404	NUTR 404: Nutrition Assessment and Planning
C115	Course	Edited	NUTR 430	NUTR 430: Community Nutrition
C116	Course	Edited	OCEN 201	OCEN 201: Introduction to Ocean Engineering
C117	Course	Edited	OCEN 300	OCEN 300: Ocean Engineering Wave Mechanics
C118	Course	Edited	OCEN 336	OCEN 336: Fluid Dynamics Laboratory
C119	Course	Edited	OCEN 400	OCEN 400: Basic Coastal Engineering
C120	Course	Edited	OCEN 401	OCEN 401: Underwater Acoustics for Ocean Engineers
C121	Course	Edited	OCEN 402	OCEN 402: Principles of Naval Architecture
C122	Course	Edited	OCEN 403	OCEN 403: Dynamics of Offshore Structures
C123	Course	Edited	OCEN 410	OCEN 410: Ocean Engineering Laboratory
C124	Course	Edited	OCEN 481	OCEN 481: Seminar
C125	Course	Edited	PSYC 285	PSYC 285: Directed Studies

Minutes of the UCC

October 7, 2016

Texas A&M University

Item #	Type	Status	Code	Title
C126	Course	Edited	PSYC 301	PSYC 301: Elementary Statistics for Psychology
C127	Course	Edited	PSYC 302	PSYC 302: Research Methods and Design in Psychology
C128	Course	Edited	PSYC 306	PSYC 306: Abnormal Psychology
C129	Course	Edited	PSYC 307	PSYC 307: Developmental Psychology
C130	Course	Edited	PSYC 315	PSYC 315: Social Psychology
C131	Course	Edited	PSYC 323	PSYC 323: Psychology of Adolescence
C132	Course	Edited	PSYC 330	PSYC 330: Personality
C133	Course	Edited	PSYC 345	PSYC 345: Human Cognitive Processes
C134	Course	Edited	PSYC 352	PSYC 352: Organizational Psychology
C135	Course	Edited	PSYC 353	PSYC 353: Personnel Psychology
C136	Course	Edited	PSYC 371	PSYC 371: Forensic Psychology
C137	Course	Edited	PSYC 414	PSYC 414: Behavior Principles
C138	Course	Edited	PSYC 450	PSYC 450: Clinical Psychology
C139	Course	Edited	PSYC 470	PSYC 470: Psychological Testing and Measurement
C140	Course	Edited	PSYC 484	PSYC 484: Field Experiences
C141	Course	Edited	PSYC 485	PSYC 485: Directed Studies
C142	Course	Edited	SPAN 201	SPAN 201: Intermediate Spanish I
C143	Course	Edited	SPAN 202	SPAN 202: Intermediate Spanish II
C144	Course	Edited	SPAN 203	SPAN 203: Intermediate Spanish for Heritage Speakers
C145	Course	Edited	SPAN 208	SPAN 208: Spanish for Health Professionals I
C146	Course	Edited	SPAN 218	SPAN 218: Spanish for Health Professionals II
C147	Course	Edited	SPAN 221	SPAN 221: Field Studies Abroad I
C148	Course	Edited	SPAN 222	SPAN 222: Field Studies Abroad II
C149	Course	Edited	SPAN 302	SPAN 302: Advanced Grammar
C150	Course	Edited	SPAN 304	SPAN 304: Advanced Grammar for Heritage Speakers
C151	Course	Edited	SPAN 306	SPAN 306: Business Spanish
C152	Course	Edited	SPAN 307	SPAN 307: Spanish for the Sciences
C153	Course	Edited	SPAN 318	SPAN 318: Oral Communication for Health Professionals
C154	Course	Edited	SPAN 320	SPAN 320: Introduction to Hispanic Literature
C155	Course	Edited	SPAN 350	SPAN 350: Spanish Phonetics and Phonology
C156	Course	Edited	SPAN 352	SPAN 352: Hispanic Linguistics
C157	Course	Edited	SPAN 403	SPAN 403: Advanced Writing in Spanish
C158	Course	Edited	SPAN 485	SPAN 485: Directed Studies
C159	Course	Edited	SPAN 491	SPAN 491: Research
D24	Program	Edited	BS-AERO	BS-AERO: Aerospace Engineering - BS
D26	Program	Edited	BS-CECN	BS-CECN: Computer Engineering - BS, Computer Science Track
D27	Program	Edited	BS-CEEN	BS-CEEN: Computer Engineering - BS, Electrical Engineering Track
D28	Program	Edited	BS-CHEN	BS-CHEN: Chemical Engineering - BS
D29	Program	Edited	BS-CHLT	BS-CHLT: Community Health - BS
D30	Program	Edited	BS-CPSC	BS-CPSC: Computer Science - BS
D31	Program	Edited	BS-ELEN	BS-ELEN: Electrical Engineering - BS
D32	Program	Edited	BS-ENST	BS-ENST: Environmental Studies - BS
D33	Program	Edited	BS-ESET	BS-ESET: Electronic Systems Engineering Technology - BS
D34	Program	Edited	BS-GEOL	BS-GEOL: Geology - BS
D35	Program	Edited	BS-GEOP	BS-GEOP: Geophysics - BS
D36	Program	Edited	BS-HLTH-AHO	BS-HLTH-AHO: Health - BS, Allied Health Track
D37	Program	Edited	BS-HLTH-SCH	BS-HLTH-SCH: Health - BS, School Health Track

Minutes of the UCC

October 7, 2016

Item #	Type	Status	Code	Title
D38	Program	Edited	BS-IDIS	BS-IDIS: Industrial Distribution - BS
D39	Program	Edited	BS-INEN	BS-INEN: Industrial Engineering - BS
D40	Program	Edited	BS-KINE-AEP	BS-KINE-AEP: Kinesiology - BS, Exercise Science Track, Applied Exercise Physiology
D41	Program	Edited	BS-KINE-BEP	BS-KINE-BEP: Kinesiology - BS, Exercise Science Track, Basic Exercise Physiology
D42	Program	Edited	BS-KINE-DSC	BS-KINE-DSC: Kinesiology - BS, Dance Science Track
D43	Program	Edited	BS-KINE-MTB	BS-KINE-MTB: Kinesiology - BS, Exercise Science Track, Motor Behavior Concentration
D44	Program	Edited	BS-KINE-PEK	BS-KINE-PEK: Kinesiology - BS, All-Level Physical Education Teacher Certification Track
D45	Program	Edited	BS-MEEN	BS-MEEN: Mechanical Engineering - BS
D46	Program	Edited	BS-MMET	BS-MMET: Manufacturing and Mechanical Engineering Technology - BS
D47	Program	Edited	BS-MXET	BS-MXET: Multidisciplinary Engineering Technology - BS
D48	Program	Edited	BS-NUEN	BS-NUEN: Nuclear Engineering - BS
D50	Program	Edited	BS-SPMT-SPI	BS-SPMT-SPI: Sport Management - BS, Internship Track
D51	Program	Edited	BS-SPMT-SPN	BS-SPMT-SPN: Sport Management - BS, Non-internship Track
D52	Program	Edited	BS-USEH-DAN*	BS-USEH-DAN*: University Studies - BS, Dance Concentration
D53	Program	Edited	BS-USEH-SCN*	BS-USEH-SCN*: University Studies - BS, Sports Conditioning Concentration
D54	Program	Edited	CERT-CU17	CERT-CU17: Energy Engineering - Certificate
D55	Program	Edited	MINOR-CPSC	MINOR-CPSC: Computer Science - Minor
D56	Program	Edited	MINOR-SPMT	MINOR-SPMT: Sport Management - Minor
H13	Program	Added	BA-BS-USGA-TCC*	BA-BS-USGA-TCC*: University Studies - BS, Tourism and Coastal Community
H11	Program	Added	CERT-CU61	CERT-CU61: Enology - Certificate

Tabled

H14	Program	Added	CERT-CU62	CERT-CU62: Engineering Leadership - Certificate
Comments:			<i>Jim Herman (jherman) (10/02/16 9:53 pm): I'm not clear - do the courses on the certificate exist or are the proposed? If they are proposed, are they included in this month's agenda?</i>	
D25	Program	Edited	BS-BMCB	BS-BMCB: Molecular and Cell Biology - BS
Comments:			<i>Angel Mario Carrizales (carri1214) (09/27/16 2:40 pm): Proposal is contingent on approval of change to BIOL 423. Angel Mario Carrizales (carri1214) (09/29/16 11:51 am): Curricular Services Review – we inadvertently moved this proposal forward. Catalog requirements do not match degree evaluation. (Excluded courses in general electives area of degree evaluation are not listed in catalog)</i>	
D49	Program	Edited	BS-OCEN	BS-OCEN: Ocean Engineering - BS
Comments:			<i>Sandra Williams (sandra-williams) (10/04/16 3:54 pm): Prefix change from MASE to OCEN for most of the courses have not yet been approved.</i>	

Other Items:

Discussion on CARS; will send proposals to committee members as soon as proposals arrive in the UCC Preparer role to give committee members more time to review proposals and comment.