



## **CURRICULUM COMMITTEE MEETING**

*September 23, 2016, 2:00 p.m.*

*City Park Campus, Bayou St. John, Student Life Center (Building 23, Second Floor)*

### **AGENDA**

- I. Call to Order**
- II. Roll Call**
- III. Curriculum Operations Report – Tim Stamm**
- IV. [Minutes of meeting of August 26, 2016](#)**
- V. New Business**
  - a) [Arts & Humanities/INTD](#)  
[Program Revision: Associate of Arts in Interior Design.](#) Revise the Associate of Arts in Interior Design: ADD: INTD-298: Interior Design Practicum/Internship to Required Courses in Major; DELETE: INTD-298 from list of approved electives; DELETE: INTD-161: History of Interior Design II from Required Courses in Major.” ADD: INTD-161 to list of approved electives. Justification: adding INTD-298 as a required course will provide the opportunity for students to receive practical training in the design field, and will imbed the existing Certificate of Technical Studies in Kitchen and Bath Design in the Associate of Arts degree program for *all* students, as opposed to only those students who choose the course from the Approved Elective list. Students are exposed to historical perspectives of design in another required course; adding the second course as an elective will provide students the option of more in-depth study of design history. Adjust Suggested Sequence, specifically, second semester and sixth semester to reflect changes.
  - b) [Technical Division/WLDG](#)  
[Change of Course Requisite Requirements: WLDG-101: Introduction to Welding Fundamentals.](#) Modify the course requisite requirements of WLDG-101: Introduction to Welding Fundamentals to state: “Co-requisite: TECH-101: NCCER Technical Core.” Currently, the course has no co-requisite requirements
  - c) [Technical Division/CRPT](#)  
[Change of Course Requisite Requirements: CRPT-120: Building Materials and Estimating.](#) Modify the course requisite requirements of CRPT-120: Building Materials and Estimating to state: “Co-requisite: TECH-101: NCCER Technical Core.” Currently, the course has no co-requisite requirements.

- d) [Technical Division/MTTC](#)  
[Change of Course Requisite Requirements: MTTC-231: Basic Lathe.](#) Change the requisite requirements of MTTC-231: Basic Lathe to state: “Co-requisite: MTTC-212: Introduction to Precision Machining.” Currently, the requisite requirements state: “Prerequisite: MTTC-212: Introduction to Precision Machining.” This change will correct errors in sequencing in the First Semester.
- e) [Technical Division/MTTC](#)  
[Change of Course Requisite Requirements: MTTC-241: Basic Mill.](#) Change the requisite requirements of MTTC-241: Basic Mill to state: “Co-requisite: MTTC-212: Introduction to Precision Machining.” Currently, the requisite requirements state: “Prerequisite: MTTC-212: Introduction to Precision Machining.” This change will correct errors in sequencing in the First Semester.
- f) [Technical Division/ELEC](#)  
[Change of Course Requisite Requirements: ELEC-202: Industrial Wiring.](#) Change the requisite requirements of ELEC-202: Industrial Wiring to state: “Co-requisites: ELEC-252 and ELEC-144. Prerequisites: ELEC-112, ELEC-102, ELEC-124, and TECH-101.” Current requisite requirements: “Prerequisites: ELEC-112, ELEC-102, ELEC-103, ELEC-120, ELEC-124, and TECH-101.” Changes will allow the C.T.S. in Electrician: Small Industrial program sequence to be reduced *from* three (3) semesters *to* two (2) semesters.
- g) [Technical Division/ELEC](#)  
[Revision of Published Suggested Sequence: Certificate of Technical Studies in Electrician: Small Industrial.](#) Revise the Suggested Sequence of the C.T.S. in Electrician: Small Industrial, as follows: REMOVE: CCSS-108 and ELEC-202 from Third Semester; DELETE: Third Semester; ADD: CCSS-108 and ELEC-202 to Second Semester, based on course modifications in item ‘f.’
- h) [Technical Division/ELEC](#)  
[Change of Course Requisite Requirements: ELEC-141: Commercial Wiring.](#) Change the requisite requirements of ELEC-202: Industrial Wiring to state: “Co-requisites: ELEC-133 and ELEC-120. Prerequisites: ELEC-112, ELEC-102, ELEC-124, and TECH-101.” Changes will allow the C.T.S. in Electrician: Small Industrial program sequence to be reduced *from* three (3) semesters *to* two (2) semesters.
- i) [Technical Division/ELEC](#)  
[Revision of Published Suggested Sequence: Certificate of Technical Studies in Electrician: Commercial.](#) Revise the Suggested Sequence of the C.T.S. in Electrician: Small Industrial, as follows: REMOVE: CCSS-108 and ELEC-141 from Third Semester; DELETE: Third Semester; ADD: CCSS-108 and ELEC-141 to Second Semester, based on course modifications in item ‘h.’

- j) **Technical Division/ELEC**  
**Change of Course prerequisite requirement: ELEC-112: Basic Electricity.** Change the prerequisite requirement of ELEC-112: Basic Electricity to state: "Co-requisite: TECH-101: NCCER Technical Core." NCCER requires students receive an NCCER Core certification as prerequisite to advanced profession-specific certifications. Adding TECH-101 as a co-requisite to ELEC-112, a gateway course in three Electrician instructional programs will ensure that students archive core certification prior to advanced coursework in Electrician.
- k) **Science & Mathematics/BTEC**  
**New Course: BTEC-283: Techniques in Biofuel Synthesis (0-9-3 / 135).** Creation of a new course, BTEC-283: Techniques in Biofuel Synthesis. The goal of the courses is students to gain an understanding of synthetic biology. New techniques build upon those introduced and developed in earlier courses, and include those associated with the modification, design, and assembly of genetic pathways to engineer microbes with novel physiological characteristics. Course description: "Application of knowledge of laboratory techniques to study synthetic biology and biofuel production. The course curriculum is centered on the use of modular biological parts to design regulated metabolic pathways. Engineered cells will then be analyzed for expression of target genes and related physiological activity. Regarding biological fuel production, the focus will be on the deconstruction of cellulose, and biofuel/biofuel additive synthesis, with feedstock design and protein identification being included to a lesser extent. Intended for students admitted to the Science Laboratory Technology degree program." This course may be used as an elective in the A.A.S. in Science Laboratory Technology.
- l) **Science & Mathematics/BTEC**  
**Program Revision: Associate of Applied Science in Science Laboratory Technology, with a concentration in Biotechnology.** Revise the Biotechnology concentration of the A.A.S. in Science Laboratory Technology as follows: ADD: BTEC-283: Techniques in Biofuel Synthesis to the list of courses, select three (3) courses from list. Total Concentration and Total Program Hours remain the same.
- m) **Science & Mathematics/SCIE**  
**Change of Course Prerequisite Requirements: SCIE-141: Environmental Science I.** Change the prerequisite requirements of : SCIE-141: Environmental Science I to state: "Score of 75 or higher on the Accuplacer Reading Placement Exam, or Score of 65 or higher on the Compass Reading Placement Exam, or Score of 15 or higher on the ACT." Delete: Co-requisite requirement. Current prerequisite requirements: "Prerequisites: "C" or better in MATH-096 and eligibility for ENGL-101; Co-requisite: SCIE-143.

- n) [Science & Mathematics/GEOL](#)  
[Change of Course Prerequisite Requirements: GEOL-131: Natural Disasters.](#)  
Change the prerequisite requirement of GEOL-131: Natural Disasters to state:  
“Score of 75 or higher on the Accuplacer Reading Placement Exam, or Score of 65 or higher on the Compass Reading Placement Exam, or Score of 16 or higher on the ACT.” Current prerequisites: “Eligibility for ENGL-101.”
- o) [Allied Health/DMSU](#)  
[Publication of Suggested Program Sequence: Post-Associate Certificate in Diagnostic Medical Sonography.](#) Publication of Suggested Program Sequence in College Catalog.
- p) [Allied Health/EMTE](#)  
[Publication of Suggested Program Sequence: Certificate of Technical Studies in Emergency Medical Technician-Paramedic.](#) Publication of Suggested Program Sequence in College Catalog.

## **VI. Consent Agenda**

- a) [Science & Mathematics/BIOL](#)  
[Master Syllabus Revision: BIOL-266: Cell Biology Lab.](#) Revision of the Master Syllabus for BIOL-266: Cell Biology Lab to better align with State Common Course Catalog.
- b) [Science & Mathematics/SCIE](#)  
[Change of Course Prerequisite Requirements: SCIE-101: Physical Science I.](#)  
Revise the prerequisites of SCIE-101 to address Mathematics course redesign: DELETE: Eligibility for MATH-118; ADD: MATH-098 (with a grade of “C” or higher).
- c) [Science & Mathematics/SCIE](#)  
[Change of Course Prerequisite Requirements: SCIE-102: Physical Science II.](#)  
Revise the prerequisites of SCIE-102 to address Mathematics course redesign: DELETE: Eligibility for MATH-118; ADD: MATH-098 (with a grade of “C” or higher).
- d) [Science & Mathematics/SCIE](#)  
[Change of Course Prerequisite Requirements: SCIE-111: Astronomy/The Solar System.](#) Revise the prerequisites of SCIE-111 to address Mathematics course redesign: DELETE: Eligibility for MATH-118; ADD: MATH-098 (with a grade of “C” or higher).

- e) **Science & Mathematics/SCIE**  
**Change of Course Prerequisite Requirements: SCIE-112: Astronomy/Stars and Galaxies.** Revise the prerequisites of SCIE-112 to address Mathematics course redesign: DELETE: Eligibility for MATH-118; ADD: MATH-098 (with a grade of “C” or higher).
- f) **Science & Mathematics/CHEM**  
**Change of Course Prerequisite Requirements: CHEM-101: Chemistry I (non-science majors).** Revise the prerequisites of CHEM-101 to address Mathematics course redesign: DELETE: MATH-099; ADD: MATH-098.
- g) **Science & Mathematics/CHEM**  
**Change of Course Prerequisite Requirements: CHEM-141: Chemistry I (Science Majors).** Revise the prerequisites of to address Mathematics course redesign: “MATH-099 OR MATH-130, with a grade of “C” or higher.” Current: “High school chemistry or CHEM-101, MATH-094 or higher.”
- h) **Science & Mathematics/CHEM**  
**Change of Course Prerequisite Requirements: CHEM-141: Chemistry I (Science Majors).** Revise the prerequisites of to address Mathematics course redesign: “MATH-099 OR MATH-130, with a grade of “C” or higher.” Current: “High school chemistry or CHEM-101, MATH-094 or higher.”
- i) **Science & Mathematics/CHEM**  
**Addition of Co-requisite requirements: CHEM-142: Chemistry II (Science Majors).** Add: “Co-requisite: CHEM-144 or CHEM-143 and CHEM-144, if CHEM-144 completed without earning a “C” or higher.”
- j) **Science & Mathematics/CHEM**  
**Change of Course Prerequisite Requirements: CHEM-144: Chemistry II Lab (Science Majors).** DELETE: CHEM-141 and CHEM-143 as prerequisite requirements.
- k) **Science & Mathematics/CHEM**  
**Change of Course Prerequisite/Co-requisite Requirements: CHEM-222: Organic Chemistry II.** Change the prerequisite requirements of CHEM-222: Organic Chemistry to state: “Prerequisite: CHEM-221; Co-requisite: CHEM-224 OR CHEM-223 and CHEM-224 if CHEM-223 completed without earning a “C” or higher. Current Requirements: “Prerequisite: CHEM-221 and CHEM-223.”
- l) **Science & Mathematics/PHYS**  
**Change of Course Prerequisite Requirements: PHYS-222: Physics II (Calculus Based).** Delete: MATH-221 as a prerequisite for PHYS-222.

- m) [Science & Mathematics/PHYS](#)  
[Change of Course Prerequisite Requirements: PHYS-222: Physics II \(Calculus Based\).](#) Change the prerequisite requirements of PHYS-222: Physics II (Calculus Based) to state: "PHYS-221 and PHYS-223 with a grade of "C" or higher." Current prerequisites: "PHYS-222 and PHYS-224."
- n) [Science & Mathematics/PHYS](#)  
[Change of Course Prerequisite Requirements: PHYS-141: Physics I \(Algebra/Trigonometry Based\).](#) Change the prerequisite requirements of PHYS-141: Physics I (Algebra/Trigonometry Based) to state: "Eligibility for ENGL-101 and MATH-131 with a grade of "C" or higher." Current prerequisites: "Eligibility for ENGL-101, and high school physics or PHYS-101, and MATH-131 with a grade of "C" or higher."
- o) [Science & Mathematics/PHYS](#)  
[Change of Course Prerequisite Requirements: PHYS-142: Physics II \(Algebra/Trigonometry Based\).](#) Change the prerequisite requirements of PHYS-142: Physics II (Algebra/Trigonometry Based) to state: "PHYS-144 or PHYS-143 and PHYS-144, if PHYS-143 completed without earning a "C" or higher." Current: "Prerequisite: PHYS-141 and PHYS-143; Co-requisite: PHYS-144."
- p) [Science & Mathematics/GEOL](#)  
[Change of Course Prerequisite Requirements: GEOL-101: Physical Geology.](#) Change the prerequisite requirements of GEOL-101: Physical Geology to state: "Eligibility for ENGL-101." Current prerequisites: None.
- q) [Science & Mathematics/GEOL](#)  
[Change of Course Prerequisite Requirements: GEOL-102: Historical Geology.](#) Change the prerequisite requirements of GEOL-102: Historical Geology to state: "Eligibility for ENGL-101." Current prerequisites: None.

**VII. Old Business**

**VIII. Next Meeting**                      October 28, 2016

**IX. Adjournment**