

# Curriculum Committee

11/07/17 & 11/21/17

The below information was approved on 11/07/17 and 11/21/17 by the Curriculum Committee (CC) to be moved forward to the Academic Senate.

## **New Curriculum Proposals:**

Currently, the Manufacturing Engineering Technology (MET) AAS, CA & CC have two distinct degree paths in Precision Machining and Computer Automated Design. The purpose of these proposed curricula (Computer Automated Design AAS, Computer Automated Design CA, and Computer Automated Design CC) is to separate out the Computer Automated Design portion of the MET guides into its own degree path. This change is needed to eliminate confusion the current MET guides generate and give students a more recognizable career path. Students will also have the specific title "Computer Automated Design" on their transcript upon graduation. Graduates of this program will apply skills using advanced computer software and hardware to design and manufacture machined components used in various industries. Students will use engineering graphics, two-dimensional and three-dimensional engineering design graphics, parametric modeling, computer numerical control programming, computer-aided manufacturing programming, manufacturing processes, metrology, lean manufacturing concepts, metallurgy, geometric dimensioning and tolerancing, create production tooling and prototypes, and implement engineering changes. The CC recommends the new curriculum proposals for Computer Automated Design AAS, Computer Automated Design CA, and Computer Automated Design CC move forward as a recommendation to the Academic Senate.

## **New Course Proposals:**

The Trades Technology program is proposing a new course: METD 265 - Basic CAD FEA Simulation. This new course is being proposed because it is being requested by local corporations for a job skill in a specific NX software to perform Finite Element Analysis (FEA) method. FEA is used to perform engineering performance studies of designs using product material properties. The products made by the local corporation support the factory for automation production, assembly, and transfer of automobiles, and automotive systems. The CC recommends the new course proposal for METD 265 move forward as a recommendation to the Academic Senate.

The Trades Technology program is proposing a new course: METM 240 - Basic NX Machining. This new course is being proposed because it is being requested by local corporations to gain job skills in a specific NX software to perform machine operations on parts in production. The CC recommends the new course proposal for METM 240 move forward as a recommendation to the Academic Senate.

The Physics program is proposing a new course: PHYS 260 - Statics for Engineers. This new course is being proposed because, with a few specific exceptions (Chemical and computer engineering), engineering students are required to take this course. Typically, this course is taken during the first two years at universities, and is a prerequisite for other courses. Taking this course here, during the first two years, allows greater freedom for engineering students in future scheduling, and make completion in 4 years considerably more feasible. The CC recommends the new course proposal for PHYS 260 move forward as a recommendation to the Academic Senate.

## **Revised Course Proposals:**

The Heavy Equipment Repair/Trades Technology (HERT) program is seeking accreditation through the Associate Equipment Distributors (AED) and therefore they needed to submit revised course proposals to the CC in able to meet the changes needed by this accrediting body. The revised course proposals included revisions to the Student Learning Outcomes and Evaluation sections. The CC recommends the course revisions proposed for HERT 110, HERT 120, HERT 125, HERT 130, HERT 135, and HERT 140 move forward as a recommendation to the Academic Senate.

The Foreign Language (FLANG) program submitted revised course proposals to the CC because the Student Learning Outcomes need revision for transfer equivalency and to include Core outcomes in all FLANG courses. Since the FLANG program will be going through Program Review in Fall 2018, it is important that all Student Learning Outcomes are measurable and reflect the information parallel to that of transfer institutions. The CC recommends the course revisions proposed for FREN 121, FREN 122, FREN 201, FREN 202, GRMN 121, GRMN 122, GRMN 201, GRMN 202, JAPN 121, JAPN 122, JAPN 201, JAPN 202, SPAN 121, SPAN 122, SPAN 201, and SPAN 202 move forward as a recommendation to the Academic Senate.

## **Proposed Changes to Institutional Syllabi Template - Academic Success Coaches Information:**

### **CURRENT VERSION:**

#### Academic Success Coaches

Student success is our top priority here at Lansing Community College. Academic Success Coaches mentor students and help them navigate the college infrastructure and support network. They are focused on helping students successfully complete their educational, personal and career goals.

The Academic Success Coaching Team supports the mission of LCC in collaboration with faculty, staff and community partners. That support consists of assisting students with academic challenges as well as individualized support and advocacy for both on and off-campus difficulties that may negatively affect a student's ability to successfully reach their educational goal.

Students should know that the LCC faculty and staff may refer them to a Success Coach if they recognize that additional mentoring or assistance may be helpful. We view such referrals as part of our mission to ensure all students can reach their potential while here at LCC. Students are also encouraged to contact an Academic Success Coach on their own, should they need help, guidance or assistance with any aspect of their educational process while attending LCC. During such encounters, students will receive proactive individualized coaching, mentoring and encouragement to remain engaged in the successful advancement of their educational goals.

To contact a Success Coach go to: [http://www.lcc.edu/aa/success\\_coaches/](http://www.lcc.edu/aa/success_coaches/) or call (517) 483-1422.

### **SUGGESTED (SHORTER) VERSION:**

#### Academic Success Coaches

At Lansing Community College, student success is our top priority. Our Academic Success Coaches mentor students to help them meet their educational, personal and career goals. LCC faculty or staff may refer you to a Success Coach if they recognize that mentoring or assistance may be helpful to you. **Please monitor your LCC email for referral notifications. Your participation in Academic Success Coaching is voluntary. If you choose to participate, your Instructor will partner with your Coach to support your success.**

In addition, we encourage you to contact an Academic Success Coach on your own if you need help, guidance or assistance to reach your goals. To contact a Success Coach, call (517) 483-1422 or go to [http://www.lcc.edu/aa/success\\_coaches/](http://www.lcc.edu/aa/success_coaches/) for more information.

The CC recommends the above Academic Success Coaches SUGGESTED (SHORTER) VERSION move forward as a recommendation to the Academic Senate.

Submitted by Kari Richards, Ph.D.  
Curriculum Committee Chair