Catalog Description: AMT295 Advanced Manufacturing Internship 0-(6-18)-(2-6)
This course is designed to provide students real-life work experiences through on-the-job training with a field-related cooperating employer in the student’s declared major. Students will be supervised by the business/industry sponsor and report to the Director of Career and Technical Programs or assigned faculty member. The position may be paid or unpaid. Students must complete a minimum of 45 contact hours per credit hour per semester. Course is variable credits and may be repeated for up to 6 credit hours.

Prerequisite:
SKL240 Internship Development, minimum of 30 credit hours, with at least 18 credits of core classes in program area, 2.5 GPA, and/or approval from Dean of Career and Technical Education or Director of Career and Technical Programs.

Purpose of Course:
Adding an internship course to this area of study will allow students to obtain hands-on experience during their college career. Allowing students to substitute this internship for Employment Seminar may also help students, especially those who have already been a part of the work force, better meet their future goals.

Course Objectives:
• Apply knowledge and skills related to the concepts, principles, and methodologies of Architectural & Mechanical Design
• Acquire new knowledge in a new setting to enhance classroom education.
• Integrate or synthesize knowledge from diverse disciplines, courses and areas of experience.
• Apply higher order thinking skills (critical thinking, analysis, synthesis, evaluation, complex problem solving) to “real world” situations.
• Develop skill competencies specific to Architectural & Mechanical Design.
• Expand oral and written communication skills.
• To increase skills for understanding and working with people of diverse backgrounds and cultures and to work effectively within diverse environments.
• Acquire additional interpersonal communication and interaction skills.
• Develop skills to work effectively within formal and informal networks and work cultures related to engineering and design.
• Understand and develop self-reliance and self-confidence.
• Further develop career awareness, direction and exploration of vocation.

Course Content:
Based on duties assigned to the intern the student will gain workforce experience in an engineering setting. Students will be responsible for creating and modifying technical drawings utilizing CAD software. Students will work closely with engineering personnel in order to gain knowledge of the daily activities typically experienced in an engineering office.

Connection with Career and Technical Education (CTE) Outcome Statement:
In compliance with MACC’s CTE outcomes, the student who successfully completes this course will be able to complete one or more of the following outcomes:
• Students will demonstrate effective written and oral communication skills.
• Students will demonstrate an understanding of discipline-related math and scientific principles.
• Students will think critically while systematically assessing problems, identifying issues and implementing solutions.
• Students will apply principles of professionalism and safety standards when entering the workforce.
• Students will demonstrate skill mastery and will pursue lifelong learning in their field while adapting to changing industry standards and following evidence-based practices.

ASSESSMENT OF STUDENT LEARNING

Grade Scale:
A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%
F = 59% and below

INSTRUCTOR POLICIES
Tardiness:
per instructor’s policy

Make-up and late work:
per instructor’s policy

Extra-credit work:
per instructor’s policy

Other:
List any other instructor policies

COLLEGE POLICIES

Attendance:
Students are expected to attend all class sessions for which they are enrolled. The College reserves the right to drop or withdraw students from courses due to lack of attendance.

Students need to be aware that dropping/being dropped from a course and their last date of attendance in the course may impact their financial aid.

MACC faculty are required to track attendance and report lack of attendance. An instructor must complete the appropriate steps to drop a student within one week following the student’s violation of the attendance policy. Additionally, a student’s attendance rate will be calculated based upon the first day the academic session begins (not the student’s date of enrollment in the course). If a student does not attend a course as defined below, the student will be dropped as “Never Attended.”

Term Length Drop Calculations

16-week: Any student who misses two (2) consecutive weeks of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

8-week: Any student who misses one (1) consecutive week of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

4-week: Any student who misses two (2) consecutive days of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.
Intersession: Any student who misses one (1) day of class will be dropped from the course by the instructor unless acceptable justification is provided by the student and the student still has the opportunity to be successful in the course.

Acceptable justification may include, but is not limited to, family emergencies, illness or injury, college-approved co-curricular and extra-curricular activities, and religious holidays.

Definition of Course Attendance

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<tr>
<th>In Seat Course</th>
<th>Physically attending scheduled, face-to-face, class meetings</th>
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<tr>
<td>Virtual Course</td>
<td>Being present, via appropriate platform, for scheduled class meetings/activities</td>
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| Hybrid Course                  | Physically attending scheduled, face-to-face, class meetings and active participation in the online portion of the course which may include any or all of the following:  
  • Completion of quizzes or exams during class meetings and online  
  • Submission of assignments during class meetings and online  
  • Participation in discussions during class meetings and online |
| Online Course                  | Active participation in an online course includes the following:  
  • Completion of quizzes or exams  
  • Submission of assignments  
  • Participation in threaded discussions |

Simply logging into the Learning Management System (Canvas) and/or accessing the course and course related material does not constitute active participation for the online component of hybrid courses or for online courses. (*Policy Handbook, G.040*)

Academic Dishonesty:
MACC board policy is as follows: “Academic dishonesty by students damages institutional credibility and unfairly jeopardizes honest students; therefore, it will not be tolerated in any form.” Forms of academic dishonesty include but are not limited to the following: violations of copyright law, plagiarism, fabrication, cheating, collusion, and other academic misconduct. Incidents of dishonesty regarding assignments, examinations, classroom/laboratory activities, and/or the submission of misleading or false information to the College will be treated seriously. The procedure for handling academic dishonesty is outlined in the Student Handbook.
In cases of alleged academic dishonesty, the burden of proof is on the student, not on the instructor.

**Recording Class Sessions Using Zoom:**
The privacy of students is a priority in live or virtual meetings. Recordings of lectures or class meetings that share student information constitute an educational record and are protected under FERPA. Instructors may share recordings within the course section where they were originally recorded and only with the students enrolled in the section. Documented consent from each student identified in the recording is required to distribute outside of the course where it was originally recorded, or student identity must be redacted.

**Student Email:**
MACC Mail is the official student email system at MACC. Official college communication is sent via this email system. Students are responsible for checking their MACC Mail account regularly. Students may also receive notifications and reminders from MACC through the online learning platform. However, students should remain aware that the online learning platform messaging system and MACC Mail (student email) system are two separate systems.

**ADA Statement:**
Students who have disabilities that qualify under the Americans with Disabilities Act may register for assistance through the Office of Access and ADA Services. Students are invited to contact the Access Office to confidentially discuss disability information, academic accommodations, appropriate documentation and procedures. For more information, please call either the Moberly office at (660) 263-4100 Ext. 11240 or the Columbia office at (573) 234-1067 Ext. 12120, or visit our web page at [http://www.macc.edu/index.php/services/access-office](http://www.macc.edu/index.php/services/access-office).

**Title IX Statement:**
MACC maintains a strict policy prohibiting sexual misconduct in any form, including sexual harassment, sexual discrimination, and sexual violence. All MACC employees, including faculty members, are considered mandated reporters of sexual misconduct and as such are expected to contact the Title IX Coordinator when they become aware, in conversation or in writing, of an incident of sexual misconduct. For more information on this policy or to learn about support resources, please see [http://www.macc.edu/sexual-misconduct-policy](http://www.macc.edu/sexual-misconduct-policy) or contact Ms. Cheryl Lybarger, MACC's Title IX Coordinator, at 660-263-4110, ext. 11369 or Cheryllybarger@macc.edu.