



## Course Syllabus

### **INMT 2388 - Internship - Manufacturing Technology/Technician**

**Catalog Description:** A work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer.

**Prerequisites:** None

**Lecture hours = 2,**

**Lab hours = 2**

**Prerequisites:** None

**Semester Credit Hours: 3**

**Lecture Hours per Week: 2**

**Lab Hours per Week: 2**

**Extended hours:**

**Contact Hours per Semester: 64**

**State Approval Code:150613**

**Class section meeting time:**

**Alternate Operations During Campus Closure:** In the event of an emergency or announced campus closure due to a natural disaster or pandemic, it may be necessary for Panola College to move to altered operations. During this time, Panola College may opt to continue delivery of instruction through methods that include, but are not limited to: online learning management system (CANVAS), online conferencing, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor Panola College's website ([www.panola.edu](http://www.panola.edu)) for instructions about continuing courses remotely, CANVAS for each class for course-specific communication, and Panola College email for important general information.

**Artificial Intelligence (AI) Course Policy:**

**Use of generated AI Permitted under some classroom circumstances with permission.**

There are situations throughout the course where you may be asked to use artificial intelligence (AI) tools to explore how they can be used. Outside of those circumstances, you should not use AI tools to generate content that will end up in any student work (assignments, activities, discussion responses, etc.). In such

cases for Option #2, no more than 25% of the student work should be generated by AI. Use of any AI-generated content in this course without the instructor's consent qualifies as academic dishonesty and violates Panola College's standards of academic integrity

**Instructional Goals and Purposes:** As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

**Learning Outcomes:**

1. Demonstrate proper safety procedures of industry.
2. Demonstrate proper interviewing skills and good communication with employers.
3. Complete 8 weeks of in the field experience and utilize knowledge obtained in class.
4. Demonstrate proper work ethic.

**Specific Course Objectives (includes SCANS):**

After studying all materials and resources presented in the course, the student will be able to:

1. **Demonstrate proper safety procedures of industry. (1 A-I, 1A-ii, 1Aiv, 1B-iii, 1B-iv, 1 C-I, 1C-iv, 2A-I, 2A-iii, 2B-I, 2C-i, 2C- ii, 2C-iii, 2D-ii, 2D-iii, 2E-ii)**
  - a. Obtain and maintain a perfect safety record while on the job.
  - b. Demonstrate basic safety knowledge and attend job related safety meetings.
2. **Demonstrate proper interviewing skills and good communication with employer. (1 A-I, 1A-ii, 1Aiv, 1B-iii, 1B-iv, 1 C-I, 1C-iv, 2A-I, 2A-iii, 2B-I, 2C-i, 2C- ii, 2C-iii, 2D-ii, 2D-iii, 2E-ii)**
  - a. Maintain good channels of communication throughout internship experience.
  - b. Demonstrate proper interview skills and etiquette.
3. **Complete 8 weeks of in the field experience and utilized knowledge obtained in class. (1 A-I, 1A-ii, 1Aiv, 1B-iii, 1B-iv, 1 C-I, 1C-iv, 2A-I, 2A-iii, 2B-I, 2C-i, 2C- ii, 2C-iii, 2D-ii, 2D-iii, 2E-ii)**
  - a. Demonstrate basic knowledge learned in the classroom and utilize it in the field with experienced employees.
  - b. Obtain 8 weeks of work experience with weekly documentation and supervisor records and reports.
4. **Demonstrate proper work ethic. (1 A-I, 1A-ii, 1Aiv, 1B-iii, 1B-iv, 1 C-I, 1C-iv, 2A-I, 2A-iii, 2B-I, 2C-i, 2C- ii, 2C-iii, 2D-ii, 2D-iii, 2E-ii)**
  - a. Maintain perfect safety records
  - b. Maintain perfect attendance records.
  - c. Observe all company policies and chain of command.
  - d. Be polite and helpful to any company employee absolutely no altercations will be acceptable.
  - e. Students will be required to complete any task assigned to them as long as it will not violate company policy.

**Course Content:**

Students in all sections of this course will be required to do the following:

1. Students will be required to type and submit weekly reports of job duties and training.
2. Students will receive the majority of their grade from their supervisor's review of their performance.

**Methods of Instruction/Course Format/Delivery:**

This course is a working internship with an industry related company. All work will be submitted through Canvas, email, mail, and Fax.

**Assessment:**

The following items will be assigned during the semester and used to calculate the student's final grade:

- Weekly reports of on-the-job experiences and training will be submitted online through Canvas as typed papers.
- At the end of our internship our supervisor will send in a report on your performance through email, mail, or fax.

**Course Grade:**

The grading scale for this course is as follows:

- Supervisors Review = 80%
- Weekly Reports = 20%

- **Grading Notes:**

Late Work: All listed assignments are due according to the due date provided in Canvas and on the course calendar if you do not complete the assignments on time a **5% per day penalty** will automatically be applied to all assignments. If you have missed an assignment due to an approved class absence please contact your instructor for further instructions.

Missed Exams: Missed exams due to legitimate reasons should be taken prior to the reporting of a midterm or final grade as applicable. It is the responsibility of the student to reschedule the makeup with the instructor. The Instructor reserves the right to change the test format of any makeup. Instructors are not required to issue makeup work for an unexcused class absence Instructor also reserves the right to give full or partial credit for any makeup work that is allowed and that resulted from an unexcused absence.

Missed Quizzes: Missed quizzes due to legitimate reasons should be rescheduled within one week of the scheduled quiz or a date assigned by the Instructor. It is the responsibility of the student to reschedule makeup quizzes. The Instructor reserves the right to change the test format of the makeup quiz. The instructor is not required to make up work for unexcused class absences. The instructor reserves the right to give full or partial credit for any makeup work that is allowed and that resulted from an unexcused absence.

Attendance: Attendance is based on the student missing no more than 10% out of the semester without a valid excuse. After the 10%, the instructor may withdraw the student at their discretion. Any student thirty or more minutes late will be counted absent. Students that leave before class is

dismissed will be counted absent. The Instructor reserves the right to dock points for any missed class without a legitimate excuse.

Missed Lab Exercises: Students will have one day out of the semester assigned by the instructor to make up any lab exercises missed due to the student being absent for legitimate reasons. Instructors are not required to make up work for unexcused class absences. Instructors reserve the right to give full or partial credit for makeup work that is given because of unexcused absences.

Plagiarism: Plagiarism shall be defined as appropriating, buying, receiving as a gift or obtaining by any other means, another person's work and the unacknowledged submission or incorporation of it in one's own written work. All papers submitted to Canvas will be scanned with [turnitin.com](https://www.turnitin.com) and the instructor reserves the right to dock points based on the results.

Cheating: Cheating on a test shall include:

- a. Copying from another student's test
- b. Using test materials not authorized by the person administering the test
- c. Collaborating with or seeking aid from another student during a test without permission from the test administrator
- d. Knowingly using, buying, selling, stealing, or soliciting, in whole or in part, the contents of an unadministered test.
- e. The unauthorized transporting or removal, in whole or in part, of the contents of the unadministered test.
- f. Substituting for another student, or permitting another student to substitute for one's self, to take a test.
- g. Bribing another person to obtain an unadministered test or information about an unadministered test absolutely no cheating is tolerated.
- h. If a student is observed cheating they will be sent home immediately counted absent and given a zero on the assignment they were cheating on.

Safety: All students are required in lab exercises to bring and wear the proper PPE as instructed by your instructor. Failure to do so will result in one warning; if a student continues to violate safety rules the student will be sent home and counted absent.

Class Conduct: All cell phones should be turned off in all classes. If you must receive a call notify your instructor and step out of the classroom. No cell phones are allowed during testing. No disruptive behavior is allowed in class; if a student is being disruptive as determined by the instructor one warning will be given. If the behavior persists, the student will be sent home and counted absent.

**Some mandatory meetings outside of class days and time may be required to attend for credit. Valid excuses must be submitted with proof via email to your professor to avoid grade penalties.**

Grading Scale A=90-100, B=80-89, C=70-79, D=60-69, F=69 and below

**Texts, Materials, and Supplies:**

- *None required*

**Other:**

- Courses conducted via video conferencing may be recorded and shared for instructional purposes by the instructor.
- For current texts and materials, use the following link to access bookstore listings:  
<https://www.panolacollegestore.com>
- For testing services, use the following link:  
<https://www.panola.edu/student-services/student-support/academic-testing-center>
- If any student in this class has special classroom or testing needs because of a physical learning or emotional condition, please contact the ADA Student Coordinator in Support Services located in the Charles C. Matthews Student Center or go to  
<https://www.panola.edu/student-services/student-support/disability-support-services> for more information.
- Panola College welcomes pregnant and parenting students as a part of the student body. This institution is committed to providing support and adaptations for a successful educational experience for pregnant and parenting students. Students experiencing a need for accommodations related to pregnancy or parenting will find a Pregnancy and Parenting Accommodations Request form in The Pathfinder or may request the form from the course instructor.
- Withdrawing from a course is the student's responsibility. Students who do not attend class and who do not withdraw will receive the grade earned for the course.
- Student Handbook, The Pathfinder: <https://www.panola.edu/>(located at the bottom under students)

**SCANS CRITERIA**

- 1) **Foundation skills are defined in three areas: basic skills, thinking skills, and personal qualities.**
  - a) **Basic Skills:** A worker must read, write, perform arithmetic and mathematical operations, listen, and speak effectively. These skills include:
    - i) **Reading:** locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.
    - ii) **Writing:** communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.
    - iii) **Arithmetic and Mathematical Operations:** perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.
    - iv) **Listening:** receive, attend to, interpret, and respond to verbal messages and other cues.
    - v) **Speaking:** Organize ideas and communicate orally.

- b) **Thinking Skills:** A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively. These skills include:
  - i) Creative Thinking: generate new ideas.
  - ii) Decision Making: specify goals and constraints, generate alternatives, consider risks, and evaluate and choose the best alternative.
  - iii) Problem Solving: recognize problems and devise and implement plan of action.
  - iv) Visualize ("Seeing Things in the Mind's Eye"): organize and process symbols, pictures, graphs, objects, and other information.
  - v) Knowing How to Learn: use efficient learning techniques to acquire and apply new knowledge and skills.
  - vi) Reasoning: discover a rule or principle underlying the relationship between two or more objects and apply it when solving a problem.
  
- c) **Personal Qualities:** A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.
  - i) Responsibility: exert a high level of effort and persevere toward goal attainment.
  - ii) Self-Esteem: believe in one's own self-worth and maintain a positive view of oneself.
  - iii) Sociability: demonstrate understanding, friendliness, adaptability, empathy, and politeness in group settings.
  - iv) Self-Management: assess oneself accurately, set personal goals, monitor progress, and exhibit self-control.
  - v) Integrity and Honesty: choose ethical courses of action.
  
- 2) **Workplace competencies are defined in five areas: resources, interpersonal skills, information, systems, and technology.**
  - a) **Resources:** A worker must identify, organize, plan, and allocate resources effectively.
    - i) Time: select goal-relevant activities, rank them, allocate time, and prepare and follow schedules.
    - ii) Money: Use or prepare budgets, make forecasts, keep records, and make adjustments to meet objectives.

iii) **Material and Facilities:** Acquire, store, allocate, and use materials or space efficiently.

Examples: construct a decision time line chart; use computer software to plan a project; prepare a budget; conduct a cost/benefits analysis; design an RFP process; write a job description; develop a staffing plan.

b) **Interpersonal Skills:** A worker must work with others effectively.

i) Participate as a Member of a Team: contribute to group effort.

ii) Teach Others New Skills.

iii) Serve Clients/Customers: work to satisfy customer's expectations.

iv) Exercise Leadership: communicate ideas to justify position, persuade and convince others, responsibly challenge existing procedures and policies.

v) Negotiate: work toward agreements involving exchange of resources, resolve divergent interests.

vi) Work with Diversity: work well with men and women from diverse backgrounds.

Examples: collaborate with a group member to solve a problem; work through a group conflict situation, train a colleague; deal with a dissatisfied customer in person; select and use appropriate leadership styles; use effective delegation techniques; conduct an individual or team negotiation; demonstrate an understanding of how people from different cultural backgrounds might behave in various situations.

c) **Information:** A worker must be able to acquire and use information.

i) Acquire and Evaluate Information.

ii) Organize and Maintain Information.

iii) Interpret and Communicate Information.

iv) Use Computers to Process Information.

Examples: research and collect data from various sources; develop a form to collect data; develop an inventory record-keeping system; produce a report using graphics; make an oral presentation using various media; use on-line computer data bases to research a report; use a computer spreadsheet to develop a budget.

d) **Systems:** A worker must understand complex interrelationships.

i) Understand Systems: know how social, organizational, and technological systems work

and operate effectively with them.

- ii) Monitor and Correct Performance: distinguish trends, predict impacts on system operations, diagnose deviations in systems' performance and correct malfunctions.
- iii) Improve or Design Systems: suggest modifications to existing systems and develop new or alternative systems to improve performance.

Examples: draw and interpret an organizational chart; develop a monitoring process; choose a situation needing improvement, break it down, examine it, propose an improvement, and implement it.

- e) **Technology:** A worker must be able to work with a variety of technologies.
  - i) Select Technology: choose procedures, tools or equipment including computers and related technologies.
  - ii) Apply Technologies to Task: understand overall intent and proper procedures for setup and operation of equipment.
  - iii) Maintain and Troubleshoot Equipment: Prevent, identify, or solve problems with equipment, including computers and other technologies.

Examples: read equipment descriptions and technical specifications to select equipment to meet needs; set up and assemble appropriate equipment from instructions; read and follow directions for troubleshooting and repairing equipment.