Manor ISD CPT Course - Start Date: 03/7/2022

Instructors:

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COURSE TIME: **Mon to Fri from 1:45PM - 4:50PM.**
Class will be virtual with 6 in person Hands-on sessions

Summary:

- Most of the material will be discussed online via ZOOM sessions.
- **All ZOOM sessions will be held from 1:45pm to 4:50pm on Monday through Fridays.**
- **For all Modules, some hands-on learning will be held in person on campus**
- Students are responsible for all assigned homework.

Pre-Course Orientation:

- Orientation will be held Friday prior to class.
- During this time, an ACC registration form will be completed and the course outline will be reviewed.

Attendance will be taken every session

- The instructor will keep a record of who is attending each session.
- If you cannot attend a session, please let the instructor know in advance.
- Attendance is mandatory for the students to be successful at the end of each module.

Exam Summary:

- Tests will be taken individually online.
- The student will need to have a Wi-Fi enabled computer and a proctor will monitor the exam
- **Eligibility Assessment - February 24, 25**
- **Take Test 1 - 4/4/2022 ; Take Test 2 - 4/20/2022 ; Take Test 3 - 5/4/2022 ; Take Test 4 - 5/12/2022**
- **Retest will be two weeks after taking the test.**

Study Tips

- Have a schedule for studying
- Understand online practices and expectations
- Identify your learning objectives and goals
- Highlight the important stuff
- Review, revise, and repeat
- Participate in online sessions
- Ask questions

Program Overview

Week 1: (all online)	Week 2: (online/in person)	Week 3: (all online)	Week 4: (online/in-person)
Module 1- Safety **Read sections 1 & 2**. Participate in ZOOM session on MON - 5G, INDUSTRY 4.0 **Read sections 3 & 4**. Participate in ZOOM session on TUE **Read sections 5 & 6**. Participate in ZOOM session on WED **Read section 7 & 8**. Participate in ZOOM session on THUR Weekly Review. Participate in ZOOM session on FRI	**Read sections 9 & 10** Participate in ZOOM sessions on MON **Read sections 11 & 12** Participate in ZOOM sessions on TUE **Read sections 13 &14** Participate in ZOOM sessions on WED Participate in ZOOM session on THUR ● **30 min Professional Skills Training** – Ruben Ramirez ● Weekly Review & prep FOR TEST Tour Impact lab on FRIDAY & prep for Test	Take test 1 online - ZOOM MON **Module 2- Production Process** **Read sections 1 & 2**. Participate in ZOOM sessions on TUE - 3D, Advanced Materials **Read sections 3**. Participate in ZOOM sessions on WED **Read sections 4**. Participate in ZOOM sessions on THUR - AI, AR Weekly Review. Participate in ZOOM session on FRI	**Read sections 5**. Participate in ZOOM sessions on MON - Autonomous Robots, Nano manufacturing **Read Sections 6**. Participate in ZOOM session on TUE - IIOT, Data Analytics **Read sections 7**. Participate in ZOOM sessions on WED Participate in REVIEW FOR TEST in ZOOM sessions on THUR ● Company Visitor Participate in **IN-PERSON** session on FRI - Tools/Gowning Lab
Week 5: (all online)	**Week 6: (online/in-person)**	**Week 7: (all online)**	**Week 8 (all online)**
Participate in REVIEW FOR TEST on ZOOM MON Participate in REVIEW FOR TEST on ZOOM TUE Take test 2 online - ZOOM WED **Module 3- Maintenance** **Workforce Solution Training**. Participate in ZOOM sessions on THUR **Workforce Solution Training**. Participate in ZOOM sessions on FRI	**Module 3- Maintenance** **Read sections 1&2** Participate in ZOOM sessions on MON **Read section 3** Participate in ZOOM session on TUE Participate in **IN-PERSON** session on WED - **Electronics Lab 1** Participate in **IN-PERSON** session on THUR - **Electronics Lab 2** Participate in **IN-PERSON** session on FRI - **Pneumatic Lab 1**	**Read section 4&5** Participate in ZOOM sessions on MON Participate in REVIEW FOR TEST on ZOOM TUE Take test 3 online - ZOOM WED **Module 4 - Quality** **Read sections 1**. Participate in ZOOM sessions on THUR **Read sections 2**. Participate in ZOOM sessions on FRI	**Read sections 3** Participate in ZOOM sessions on MON **Read section 4&5** Participate in ZOOM sessions on TUE Participate in REVIEW for TEST on ZOOM WED Take test 4 online - ZOOM THUR GRADUATION ON FRI

District Calendar with testing dates: FINAL 2021-2022 Manor ISD School Calendar.pdf