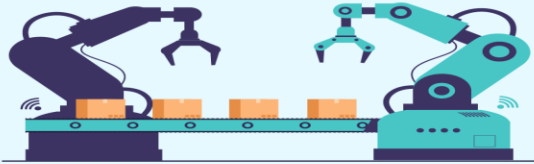


# Quality & Manufacturing Training Program (QMTP)



## WHO WE ARE?

QMTP) focuses on the core manufacturing quality operating system (QOS) skills with a special emphasis on quality control.

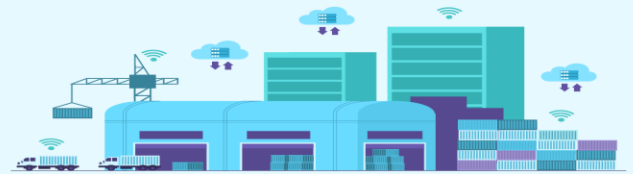


## WHAT WE DO?

Manufacturing QOS is a valuable discipline or guidelines, developed in the late 80's by Ford Motor Company, for use by all levels in manufacturing to achieve and/or sustain business performance. The core QMTP provides an in-depth look at the **key elements of MQOS** through **8 technical courses** and **4 self-mastery courses**.

## WHY WE DO IT?

Quality is identified as the most important attribute the **original equipment manufacturer (OEM)** will consider when choosing a manufacturing (goods producing) supplier, and problem-solving skills are the most critical skill **impacting quality performance**.



## OUR MENTORS

The GSHA QMTP curriculum is complimented with experienced, manufacturing, **mentor support** to help the student navigate through the courses and prepare for a job working in the manufacturing industry.

**Mentor coaching support is provided weekly at a 1 to 4 student ratio to foster teambuilding and learning through participation in role-playing.**

## EXPECTATIONS AND GOALS

The **GSHA QMTP** is designed to focus on the whole (both IQ and EQ) person to educate, equip, and empower individuals for improved performance on the job and in their personal life. How? The QMTP is divided into (5) growth-theme phases: **Miracles, Transformation, Wisdom, Triumphant, and Fortitude**. It is GSHA expectations the participants in the QMTP be committed to participate in the full program for best outcome/success.



## COURSE MATERIALS

- **COURSE LECTURE (VIDEO AND TEXT)**
- **REFERENCE GUIDES**
- **COURSE WORKBOOKS**
- **INTERACTIVE GAMES**
- **QUIZZES**
- **CERTIFICATE (STACKABLE: 1 per course)**



## Quality Manufacturing Training Program (QMTTP) Curriculum

|                                  | Topic   | Goal of Understanding                        | Duration |
|----------------------------------|---|--|----------|
| Week 0                           | Career Assessment                             | Is this the Right Career?                    | 30 min   |
| <b>Wk 1: Miracle Week</b>        |   | <b>Believe &amp; Participate</b>             |          |
| Week 1                           | Customer Satisfaction                         | You Have a Stake in Your Future              | 60 min   |
| Week 1                           | Data Collection                               | Data Tells You Everything                    | 60 min   |
| Week 1                           | <b>1:4 Mentor/Peer Meeting</b>                | <b>Let's Talk About it (M-B Quiz)</b>        |          |
| <b>Wk 2: Transformation Week</b> |   | <b>Allow for a Shift / Change</b>            |          |
| Week 2                           | How to Be the Best You                        | Self-Awareness of Attitudes & Behaviors      | 60 min   |
| Week 2                           | Measurement Methods                           | How to: Measurements of Data                 | 60 min   |
| Week 2                           | 1:4 Mentor/Peer Meeting                       | Let's Talk About It                          |          |
| <b>Wk 3: Wisdom Week</b>         |   | <b>Grow Through It</b>                       |          |
| Week 3                           | Diversity, Equity, and Inclusion (DEI)        | We are More the Same than Different          | 60 min   |
| Week 3                           | Sources of Variation                          | There is Variation in the Data               | 60 min   |
| Week 3                           | 1:4 Mentor/Peer Meeting                       | Let's Talk About it                          |          |
| <b>Wk 4: Triumphant Week 1</b>   |   | <b>Steps of Accomplishment</b>               |          |
| Week 4                           | Manufacturing Quality Operating System (MQOS) | Working as a Team in the Manufacturing Plant | 90 min   |
| Week 4                           | Basic Problem Solving                         | Teamwork to Resolve Problems                 | 30 min   |
| Week 4                           | 1:4 Mentor/Peer Meeting                       | Let's Talk About It                          |          |
| <b>Wk 5: Triumphant Week 2</b>   |   | <b>Progress over Perfection</b>              |          |
| Week 5                           | Data Analytics                                | How to Make Data Talk to You                 | 60 min   |
| Week 5                           | Effective Communication                       | Techniques to Talk Effectively               | 60 min   |
| Week 5                           | 1:4 Mentor/Peer Meeting                       | Let's Talk About It                          |          |
| <b>Wk 6: Fortitude Week</b>      |   | <b>Be Fearless, Resilient, Courageous</b>    |          |
| Week 6                           | Cycle time vs. Takt time                      | The production rate difference               | 30 min   |
| Week 6                           | What to Expect Your 1st day                   | Manufacturing orientation training           | 75 min   |
| Week 6                           | 1:4 Mentor/Peer Meeting                       | Let's Talk About it                          |          |
| Week 6                           | Plant Simulation Final                        | Role Play in Plant Simulation lab            |          |
| Week 6                           | 1:1 Pre-Grad Meeting                          | EQ Test & Behavioral Interview               |          |
| Week 6                           | Graduation                                    |  |          |