

Preparation 8:00 am-8:05am  
 Presentation 8:05am-8:25am  
 Application 8:25am-8:45am  
 Summary/Review 8:45am-8:50am  
 Evaluation 8:50am-9:00am

TI-84 (Quality Inspection List  
 TI-84 Calculator (15, 1 for each manager)

Conference Room at Dallas TX facility

# QUESTIONS

## COURSE OBJECTIVES



## Training Topics

1. Introduction to the TI-84 calculator  
 2. Basic operations of the TI-84 calculator  
 3. Advanced operations of the TI-84 calculator  
 4. Troubleshooting common TI-84 calculator problems

## Teaching Aids

TI-84 Calculator  
 Instructor Laptop  
 Projector Screen  
 Microsoft PowerPoint

## Materials

TI-84 Quality Inspection List  
 TI-84 Calculator (15, 1 for each manager)

## PERSONNEL COSTS

Trainer - 1  
 Hourly Rate: \$25 per hour  
 Hours: 2 Hours  
 Cost: \$50.00  
 Trainers - 15  
 Hourly Rate: \$20 per hour  
 Hours: 2 Hours  
 Cost: \$600.00

Personnel Costs: \$650.00

## EQUIPMENT COSTS

Projector  
 Cost per day: \$25.00  
 Laptop  
 Cost per day: \$25.00  
 Total equipment costs:  
 \$50.00 per day (2 days)

Equipment Costs: \$100.00

## COURSE MATERIALS COSTS

TI-84 calculator  
 Cost: \$15.00 per unit  
 Quantity: 15  
 Total: \$225.00  
 TI-84 calculator  
 Cost: \$15.00 per unit  
 Quantity: 1  
 Total: \$15.00

Course Materials Costs: \$240.00

## TRAVEL/BOARDING/MEAL COSTS

Travelling cost:  
 Boarding fee cost:  
 Fuel: \$3.00 per person  
 Coffee: \$0.50 per person

Total Travel/Boarding/Meal Cost: \$20.00

Total Expenses from the 3 Training Costs: \$270.00

## SUMMARY OF PLAN

## ROI

Annual Calculator Revenue Dallas Facility: \$175 million  
 Benefit: \$175 million x 15% = \$1,700,000  
 Cost of Training: \$270,000  
 25% = 2,275,000 x .30 = 681,750.00  
 ROI = Benefit/Cost: \$1,700,000 / 681,750.00 = 2.50

Anticipated ROI:  
 \$12 on 1 invested via interest

# LESSON TIME 1 HOUR

Preparation 5 minutes  
 Classroom Training Method  
 Technique- Lecture

Application 20 minutes  
 Classroom Training Method  
 Technique- Experiential

## ADDITIONAL LESSON PLANS

Presentation 20 minutes  
 Classroom Training Method  
 Technique- Audio Vision and  
 Discussion

On the Job Application Training (1 Hour)

Self-Paced Paper Based Training/Classroom Training (1 Hour)

Evaluation 10 minutes  
 Classroom Training Method  
 Technique- Experiential/Discussion

Summary/Review 5 minutes  
 Classroom Training Method  
 Technique- Lecture and  
 Discussion

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**TEXAS INSTRUMENTS: COST OF QUALITY (B)**

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**AMANDA PETERSEN**

**MORGAN ANDERSON**

**JED BALLARD**

**CODY FERGUSON**

**ANDREW BEHNKE**

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# INTRODUCTION

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# Texas Instruments Incorporated

Founded 1930

as a geophysical Exploration Company

# Thecasesolutions.com

## Mission Statement

“Texas Instruments develops analog, digital signal processing, RF and DLP semiconductor technologies that help customers deliver consumer and industrial electronics products with greater performance, increased power efficiency, higher precision, more mobility and better quality. “

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*223 Ranked*

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Slogan

"Timing is **EVERYTHING!**"



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**Quality Control Training Proposal  
Based out of the Dallas Texas Plant  
15 Quality Control Managers**