

# AVTEC Building Maintenance and Construction



## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

LEARNING OBJECTIVES	TRAINING MATERIAL REQUIRED
<p>Upon successful completion of this topic the trainee will be able to:</p> <ol style="list-style-type: none"><li>1. Be familiar with AVTEC policies</li><li>2. Describe the contents of the unit and understand objectives</li></ol>	<p>A. Reference Materials:</p> <p>B. Instructor Training Aids:</p> <ol style="list-style-type: none"><li>1. White boards and markers</li><li>2. Power Point Presentation and Monitor</li></ol> <p>C. Student Training Aids:</p> <ol style="list-style-type: none"><li>1. Handouts</li></ol>

LEARNING OBJECTIVES	TRAINING MATERIAL REQUIRED
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# AVTEC Building Maintenance and Construction



## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

1. Identify types of stair systems

A. Reference Materials:

1. AVTEC Basic Stair Building Power Points
2. Media Links

B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

C. Student Training Aids:

2. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

# AVTEC Building Maintenance and Construction



## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

2. Define terminology used in stair systems

A. Reference Materials:

3. AVTEC Basic Stair Building Power Points
4. Media Links

B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

C. Student Training Aids:

3. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

# AVTEC Building Maintenance and Construction



## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

3. Describe the components used in stair systems

A. Reference Materials:

5. AVTEC Basic Stair Building Power Points
6. Media Links

B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

C. Student Training Aids:

4. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

# AVTEC Building Maintenance and Construction



## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

4. Determine common building code requirements related to common stair systems

### A. Reference Materials:

7. AVTEC Basic Stair Building Power Points
8. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

5. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

# AVTEC Building Maintenance and Construction



## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

5. Describe the designing of common stair systems

### A. Reference Materials:

9. AVTEC Basic Stair Building Power Points
10. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

6. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

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## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

6. Interpret and apply measuring and calculating the components of stairs

### A. Reference Materials:

11. AVTEC Basic Stair Building Power Points
12. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

7. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

# AVTEC Building Maintenance and Construction



## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

7. Interpret and apply measuring and calculating the components of stairs

### A. Reference Materials:

13. AVTEC Basic Stair Building Power Points
14. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

8. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**



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## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

1. Illustrate laying out stringers

### A. Reference Materials:

15. AVTEC Basic Stair Building Power Points
16. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

9. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

# AVTEC Building Maintenance and Construction



## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

1. Simulate the fabrication of basic stairways

### A. Reference Materials:

17. AVTEC Basic Stair Building Power Points
18. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

10. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

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## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

2. Simulate the fabrication of basic balustrade systems

### A. Reference Materials:

19. AVTEC Basic Stair Building Power Points
20. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

11. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

# AVTEC Building Maintenance and Construction



## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

3. Estimate materials quantities required for stair construction

### A. Reference Materials:

21. AVTEC Basic Stair Building Power Points
22. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

12. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

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## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

4. Identify types of stair systems
5. Determine common building code requirements related to common stair systems
6. Interpret and apply measuring and calculating the components of stairs
7. Illustrate laying out stringers
8. Simulate the fabrication of basic stairways
9. Estimate materials quantities required for stair construction

### A. Reference Materials:

23. AVTEC Basic Stair Building Power Points
24. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

13. Online Handouts

**LEARNING OBJECTIVES**

**TRAINING MATERIAL REQUIRED**

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## SECTION 1 – Basic Stair Building

Topic 0- Intro

Lecture: 0.25 Sim/Exercise: 0.0hr(s)

Upon successful completion of this topic the trainee will be able to:

10. Identify types of stair systems
11. Determine common building code requirements related to common stair systems
12. Interpret and apply measuring and calculating the components of stairs
13. Illustrate laying out stringers
14. Simulate the fabrication of basic stairways
15. Estimate materials quantities required for stair construction

### A. Reference Materials:

25. AVTEC Basic Stair Building Power Points
26. Media Links

### B. Instructor Training Aids:

1. White boards and markers
2. Power Point Presentation and Monitor

### C. Student Training Aids:

14. Online Handouts