

# UAT 332: ROBOTIC TOTAL STATION TRAIN-THE-TRAINER (UA 3048)

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## Completed Workflow

1. UATD Chair (mdonham@wccnet.edu)
2. AT Dean (krue@wccnet.edu,esamulski@wccnet.edu)
3. C&A Assistant (aabooker@wccnet.edu)
4. Curricular Systems Coordinator (cacevans@wccnet.edu)
5. C&A Coordinator (sabird@wccnet.edu)
6. C&A Director (bjlinford@wccnet.edu)
7. Before Comm review (aabooker@wccnet.edu)
8. Comm Review step (sabird@wccnet.edu)
9. After Comm review (sabird@wccnet.edu,bjlinford@wccnet.edu)
10. Curriculum Committee Chair (rvanwagnen@wccnet.edu)
11. Assessment Committee Chair (jhale15@wccnet.edu)
12. Before VPI (sabird@wccnet.edu)
13. Vice President for Instruction (eloubert@wccnet.edu; brtucker@wccnet.edu)
14. Banner (cacevans@wccnet.edu)

## Approval Path

1. 2026-03-17T18:46:10Z  
Marilyn Donham (mdonham): Approved for UATD Chair
2. 2026-03-17T19:10:59Z  
Eva Samulski (esamulski): Approved for AT Dean
3. 2026-03-25T23:21:48Z  
Amber Booker (aabooker): Approved for C&A Assistant
4. 2026-03-26T19:36:40Z  
Carol Evans (cacevans): Approved for Curricular Systems Coordinator
5. 2026-04-08T18:09:04Z  
Sera Bird (sabird): Approved for C&A Coordinator
6. 2026-04-10T18:19:02Z  
Ben Linford (bjlinford): Approved for C&A Director
7. 2026-04-10T21:22:41Z  
Amber Booker (aabooker): Approved for Before Comm review
8. 2026-04-16T21:16:04Z  
Amber Booker (aabooker): Approved for Comm Review step
9. 2026-04-30T20:06:43Z  
Sera Bird (sabird): Approved for After Comm review
10. 2026-05-13T18:46:00Z  
Randy Van Wagnen (rvanwagnen): Approved for Curriculum Committee Chair
11. 2026-05-20T23:36:45Z  
Jessica Hale (jhale15): Approved for Assessment Committee Chair
12. 2026-05-21T13:58:55Z  
Sera Bird (sabird): Approved for Before VPI
13. 2026-05-21T15:16:23Z  
Brandon Tucker (brtucker): Approved for Vice President for Instruction
14. 2026-05-26T12:14:49Z  
Carol Evans (cacevans): Approved for Banner

## History

1. May 26, 2026 by Anthony Esposito (tonyesposito)

## New Course Proposal

### Viewing: UAT 332 : Robotic Total Station Train-the-Trainer (UA 3048)

Changes proposed by: Anthony Esposito (tonyesposito)

#### Effective Term

Summer 2026

**Rationale and proposal summary**

New United Association course to be used at UA Instructor Training Program.

**Course Cover**

**Full Course Title**

Robotic Total Station Train-the-Trainer (UA 3048)

**Transcript Title**

Robotic Total Station 3048

**Subject Code**

UAT - United Association Training

**Course Number**

332

**Department**

United Assoc Dept (UAT Only) (UATD)

**Banner Division**

ATP

**Division/College**

Adv Tech/Public Serv Careers (AT)

**Org Code**

28200

**Course Description**

In this course, United Association Robotic Total Station (UA RTS)-certified students will identify the best practices for training and certifying UA Members on robotic total stations. This course will allow students to create a curriculum that meets the requirements of the RTS Quality System Manual. All students will be required to bring an existing layout plan that can be utilized at their local Training Center for UA RTS Certification. Limited to United Association Instructor Training Program graduates.

**Planned Delivery Format**

Face to Face

**Has this course been approved for virtual or blended virtual?**

No

**Has this course been approved for online or online blended?**

No

**Grading method**

Standard Letter, Audit, Academic Forgiveness

**CIP Code**

469999 - Construction Trades, Other.

**Occupational Indicator**

Yes

**ACS Code**

130

**Degree Attributes**

BCL - Below College Level Pre-Reqs

**Credit hours, contact hours, repeatability**

**Repeatable for additional credit**

No

**Course credits**

1.5

**Lecture contact hours**

22.5

**Lab contact hours**

1.5

**Total Contact Hours**

24

**Expected Total Contact Hours**

24

**Prerequisites and prerequisite skill levels****College-Level Math**

No Level Required

**College-Level Reading and Writing**

College-level Reading and Writing

**Approved Level I Prerequisite:**

Academic Reading and Writing Levels of 6; UAT 306

**Is concurrent enrollment an option for this prerequisite?**

No

**Course Assessment Plan****Learning Outcome****Outcome**

Recognize the requirements for the RTS Quality System Manual, including the UA RTS Certification.

**Assessment #1****Assessment Tool**

Outcome-related written exam questions

**Anticipated Next Assessment Year**

2029

**Anticipated Next Assessment Term**

Summer

**Assessment Cycle**

Every Three Years

**Anticipated assessment population**

All students from all sections

**How the assessment will be scored**

Answer key

**Who does the scoring?**

U.A. Instructors

**Standard of success**

80% of the students will score 80% or higher.

**Assessment #2**

## Learning Outcome

### Outcome

Demonstrate the use of RTS software through hands-on exercises and customizable course materials.

### Assessment #1

#### Assessment Tool

Outcome-related demonstration

#### Anticipated Next Assessment Year

2029

#### Anticipated Next Assessment Term

Summer

#### Assessment Cycle

Every Three Years

#### Anticipated assessment population

All students from all sections

#### How the assessment will be scored

Checklist

#### Who does the scoring?

U.A. Instructors

#### Standard of success

80% of the students will score 80% or higher.

### Assessment #2

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## Learning Outcome

### Outcome

Develop an RTS curriculum addressing the local Training Center's specific needs.

### Assessment #1

#### Assessment Tool

Outcome-related syllabus and lesson plan

#### Anticipated Next Assessment Year

2029

#### Anticipated Next Assessment Term

Summer

#### Assessment Cycle

Every Three Years

#### Anticipated assessment population

All students from all sections

#### How the assessment will be scored

Checklist

#### Who does the scoring?

U.A. Instructors

**Standard of success**

80% of the students will score 80% or higher.

**Assessment #2**

**Course Objectives**

	Objective(s)
1.	Discuss the functions of RTS and how it is applied to the trades.
2.	Demonstrate RTS setup while comparing different units.
3.	Download RTS files, perform layout and resection, and conduct basic troubleshooting.
4.	Identify, review, and download all current vendor software updates.
5.	Demonstrate the vendor software with RTS units and tablets.
6.	Customize course materials for RTS curriculum at the local training center.
7.	Create a draft syllabus focusing on the specific needs of students' Training Centers.
8.	Develop a lesson plan aligned to the syllabus and include varied learning activities.
9.	Utilize relevant instructional resources for use at the local training center.
10.	Present an RTS instructional activity to be used at the local training center.

**Resources**

**Will there be an additional fee on this course?**

No

**Are you planning to use First-Day resources?**

No

**Will this course always be OER/No Cost Resources?**

No

**Describe any resource needs**

n/a

**General Education Area(s)**

**Area 1: Writing**

No

**Area 2: 2nd Writing or Communication/Speech**

No

**Area 3: Mathematics**

No

**Area 4: Natural Science**

No

**Area 5: Social and Behavioral Science**

No

**Area 6: Arts and Humanities**

No

**MTA General Education**

No

## Review

**Is conditional approval requested?**

No

**Is this course currently conditionally approved, and you are now submitting it for full approval?**

No

### Reviewer Comments

**Sera Bird (sabird) (2026-04-06T19:16:29Z):** Boilerplate assessment tool suggestions; Outcome #2/Objectives suggestions; sent to preparer 4/6/26.

**Sera Bird (sabird) (2026-04-08T18:08:58Z):** Updates to description, OCs/assessment plan, objectives completed based on email from preparer 4/7/26.

Key: 9318