

UAT 179C: TYCO FIRE PROTECTION VALVES (UA 7034)

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. C&A Assistant (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 (hbhirth@wccnet.edu; brtucker@wccnet.edu)
14. Banner (cacevans@wccnet.edu)
15. Website (sabird@wccnet.edu)

Approval Path

1. 2025-11-14T17:20:30Z
mdonham: Approved for UATD Chair
2. 2025-11-14T17:41:08Z
Eva Samulski (esamulski): Approved for AT Dean
3. 2025-12-03T22:02:00Z
Amber Booker (aabooker): Approved for C&A Assistant
4. 2025-12-08T14:36:13Z
Carol Evans (cacevans): Approved for Curricular Systems Coordinator
5. 2026-01-06T19:00:01Z
Sera Bird (sabird): Approved for C&A Coordinator
6. 2026-01-23T18:15:45Z
Ben Linford (bjlinford): Approved for C&A Director
7. 2026-01-23T19:44:23Z
Amber Booker (aabooker): Approved for C&A Assistant
8. 2026-02-06T20:58:28Z
Ben Linford (bjlinford): Approved for Comm Review step
9. 2026-03-18T18:16:28Z
Sera Bird (sabird): Approved for After Comm review
10. 2026-03-19T17:20:05Z
Randy Van Wagnen (rvanwagnen): Approved for Curriculum Committee Chair
11. 2026-03-19T17:37:27Z
Jessica Hale (jhale15): Approved for Assessment Committee Chair
12. 2026-03-19T19:06:49Z
Sera Bird (sabird): Approved for Before VPI
13. 2026-03-19T19:24:22Z
Brandon Tucker (brtucker): Approved for Vice President for Instruction
14. 2026-03-26T12:09:09Z
Carol Evans (cacevans): Approved for Banner
15. 2026-03-26T12:47:04Z
Sera Bird (sabird): Approved for Website

History

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

New Course Proposal

Viewing: UAT 179C : Tyco Fire Protection Valves (UA 7034)

Changes proposed by: Anthony Esposito (tonyesposito)

Effective Term

Summer 2026

Rationale and proposal summary

New United Association course

Course Cover

Full Course Title

Tyco Fire Protection Valves (UA 7034)

Transcript Title

Tyco Fire Protect Valves 7034

Subject Code

UAT - United Association Training

Course Number

179C

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, students will develop the essential skills needed to install, troubleshoot, repair, and test Tyco Automatic Fire Protection valves and essential components at their local Training Center. Through classroom and hands-on learning, students will explore the history of Tyco Automatic Sprinkler Corporation and current fire protection valves and equipment. Limited to United Association Program participants.

Planned Delivery Format

Face to Face

Online

Virtual

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

Is concurrent enrollment an option for this prerequisite?

No

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

Recognize the applications of Tyco fire protection valves and their components.

Assessment #1**Assessment Tool**

Outcome-related demonstration

Anticipated Next Assessment Year

2028

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

Learning Outcome

Outcome

Install, set up, test, and maintain Tyco fire protection valves.

Assessment #1

Assessment Tool

Outcome-related demonstration

Anticipated Next Assessment Year

2028

Anticipated Next Assessment Term

Summer

Assessment Cycle

Every Three Years

Anticipated assessment population

All students from all sections

How the assessment will be scored

Observational Checklist

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 troubleshooting skills for Tyco fire protection valves.

Assessment #1

Assessment Tool

Outcome-related demonstration

Anticipated Next Assessment Year

2028

Anticipated Next Assessment Term

Summer

Assessment Cycle

Every Three Years

Anticipated assessment population

All students from all sections

How the assessment will be scored

Observational 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 history of Tyco sprinkler valves.
2.	List the components of Tyco fire protection valves.
3.	Discuss the applications of Tyco fire protection valves.
4.	Demonstrate the operation of all wet system valves and components.
5.	Discuss and demonstrate the proper trip test and reset procedures.
6.	Analyze both serviceable parts and other potential system failures.
7.	Diagnose system failure simulations.
8.	Analyze and discuss other unusual system conditions.
9.	Identify personal protective equipment (PPE) needed when installing, servicing, and testing fire protection systems.

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

UA OLR

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) (2026-01-06T18:59:56Z): Suggestion for OC#3 verb sent to faculty 1/6/26.

Sera Bird (sabird) (2026-03-18T18:16:24Z): Preparer agreed to Comm's suggestions for description 3/18/26; implemented.

Key: 9223