APPLIED INDUSTRIAL TECHNOLOGIES INC Form SC 13G/A February 11, 2013

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 13)*

APPLIED INDUSTRIAL TECH INC

(Name of Issuer)

Common Stock

(Title of Class of Securities)

03820C105

(CUSIP Number)

December 31, 2012

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
x Rule 13d-1(b)
" Rule 13d-1(c)
" Rule 13d-1(d)
* The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

^{*} The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

CUSIP No. 03820C105

1. Names of Reporting Persons.

I.R.S. Id	I.R.S. Identification Nos. of above persons (entities only).					
2. Check th	Dimensional Fund Advisors LP (Tax ID: 30-0447847) ne Appropriate Box if a Member of a Group (See Instructions)					
(a) "						
(b) x 3. SEC Use Only						
4. Citizens	hip or Place of Organization					
	Delaware Limited Partnership 5. Sole Voting Power					
Number of						
Shares						
Beneficially	731222 **see Note 1**					
Owned by	6. Shared Voting Power					
Each						
Reporting						
Person	0 7. Sole Dispositive Power					
With						
	751689 **see Note 1** 8. Shared Dispositive Power					

9. Aggregate Amount Beneficially Owned by Each Reporting Person

751689 **see Note 1**

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

N/A

11. Percent of Class Represented by Amount in Row (9)

1.79%

12. Type of Reporting Person (See Instructions)

IA

Item 1. (a) Name of Issuer APPLIED INDUSTRIAL TECH INC Address of Issuer s Principal Executive Offices 1 Applied Plaza, Cleveland, OH 44115 Item 2. Name of Person Filing (a) Dimensional Fund Advisors LP Address of Principal Business Office or, if none, Residence (b) Palisades West, Building One, 6300 Bee Cave Road, Austin, Texas, 78746 Citizenship (c) Delaware Limited Partnership Title of Class of Securities Common Stock CUSIP Number 03820C105 If this statement is filed pursuant to §\$240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a: Item 3. (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c). (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). (e) An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); X An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); (f) (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); (h) (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

A non-U.S. institution in accordance with §240.13d-1(b)(1)(ii)(J).

(j)

(k) "Group, in accordance with §240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

751689 **see Note 1**

(b) Percent of class:

1.79%

	(c)	Num	ber of shares as to which the person has:
		(i)	Sole power to vote or to direct the vote:
			731222 **see Note 1**
		(ii)	Shared power to vote or to direct the vote:
		(iii)	Sole power to dispose or to direct the disposition of:
			751689 **see Note 1**
		(iv)	Shared power to dispose or to direct the disposition of:
			0
to as the as investm possess voowner of disclaims reporting	Funds). In ment advisor oting and/o the shares of beneficial person or a	In cer or, sub or inve of the owne uny of	ommingled group trusts and separate accounts (such investment companies, trusts and accounts, collectively referred tain cases, subsidiaries of Dimensional Fund Advisors LP may act as an adviser or sub-adviser to certain Funds. In its role adviser and/or manager, neither Dimensional Fund Advisors LP or its subsidiaries (collectively, Dimensional) estment power over the securities of the Issuer that are owned by the Funds, and may be deemed to be the beneficial Issuer held by the Funds. However, all securities reported in this schedule are owned by the Funds. Dimensional riship of such securities. In addition, the filing of this Schedule 13G shall not be construed as an admission that the its affiliates is the beneficial owner of any securities covered by this Schedule 13G for any other purposes than ities Exchange Act of 1934.
Item 5.	Ownersh	ip of	Five Percent or Less of a Class
			iled to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than securities, check the following [X].
Item 6.	Ownersh	ip of	More than Five Percent on Behalf of Another Person.
	from the	sale c	cribed in Note 1 above have the right to receive or the power to direct the receipt of dividends from, or the proceeds of the securities held in their respective accounts. To the knowledge of Dimensional, the interest of any one such Fund d 5% of the class of securities. Dimensional Fund Advisors LP disclaims beneficial ownership of all such securities.
Item 7.	Identification or Control		and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company son.
	N/A		
Item 8.	Identifica	ation a	and Classification of Members of the Group
	N/A		
Item 9.	Notice of	f Diss	olution of Group
	N/A		

Item 10.

Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under §240.14a-11.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DIMENSIONAL FUND ADVISORS LP
February 8, 2013
Date
By: Dimensional Holdings Inc., General Partner
/s/ Christopher Crossan
Signature
Global Chief Compliance Officer
Title