FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Washington, D.C. 20549

<b>STATEMENT</b>	<b>OF CHANGES</b>	IN BENEFICIAL	<b>OWNERSHIP</b>

OMB APPRO	JVAL				
OMB Number:	3235-0287				
Estimated average burd	en				
hours per response:	0.5				

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person*  TYPE CO. N. A. D. Y. A					2. Issuer Name and Ticker or Trading Symbol ASPEN TECHNOLOGY INC /DE/ [ AZPN								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)								
<u>FUSCO MARK</u>				1	1									X	Direc	tor 10% Ow		wner			
(Last) (First) (Middle)			· [ _	J									X	X Officer (give title below)			Other (specify below)				
ASPEN TECHNOLOGY, INC.					3. Date of Earliest Transaction (Month/Day/Year) 09/30/2011								President & CEO								
200 WHI	EELER RC	AD				05/50/2011															
(Street)				4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)							
l ` ′	GTON M	A (	1803												X		n filed by One		•		
(City)	(9	tate) (	Zip)											Form filed by More than One Reporting Person							
(City)	(3	iale) (	<b>Δ</b> ιμ)																		
		Tabl	e I - No	n-Deriv	ative	Sec	curitie	s Acc	quired	, Dis	posed o	f, or	Bene	eficia	ally (	Owne	ed				
1. Title of Security (Instr. 3)  2. Transac Date (Month/Da						Execution Date,		Code	Transaction Disposed Of Code (Instr. 5)		ies Acquired (A) Of (D) (Instr. 3, 4		(A) or 3, 4 ar	and Secur Benef Owne		cially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership		
										v	Amount		(A) or (D)	Price		Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)	
Common Stock 09/30/2					/2011	<sup>7</sup> 2011 F 14,899 <sup>(1)</sup> D		D	\$15	5.9	576,764		D								
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																				
1. Title of Derivative Security (Instr. 3)  2. Conversion or Exercise Price of Derivative Security  2. Conversion Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)			Date,	4. Transaction Code (Instr. 8)		of Deriv Secu Acqu (A) or Dispo	sposed (D) str. 3, 4		e Amount of Securities Underlying Derivative Security (Instr. and 4)					9. Number of derivative Securities Beneficially Owned Following Reported Transactions (Instr. 4)	Owner Form Direct or Ind (I) (In	: t (D) lirect	11. Nature of Indirect Beneficial Ownership (Instr. 4)				
					Code	v	(A)	(D)	Date Exercis	able	Expiration Date	Title	or Nun of	ount nber res							

## **Explanation of Responses:**

1. Shares withheld by Registrant to satisfy statutory tax withholding requirements on vesting of Restricted Stock Units and distribution of stock.

/s/ F.G. Hammond, Attorney-In-Fact 10/03/2011

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.