### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

#### SCHEDULE 14A (Rule 14a-101)

### INFORMATION REQUIRED IN PROXY STATEMENT SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934 (Amendment No.)

Filed by the Registrant  $\mathbb Z$ 

Filed by a Party other than the Registrant  $\Box$ 

Check the appropriate box:

- □ Preliminary Proxy Statement
- □ Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- □ Definitive Proxy Statement
- Definitive Additional Materials
- □ Soliciting Material Pursuant to §240.14a-12

### UNIFIRST CORPORATION (Name of Registrant as Specified In Its Charter)

### (Name of Person(s) Filing Proxy Statement, if Other Than the Registrant)

Payment of Filing Fee (Check the appropriate box):

No fee required.

- $\Box$  Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
  - (1) Title of each class of securities to which transaction applies:
  - (2) Aggregate number of securities to which transaction applies:
  - (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
  - (4) Proposed maximum aggregate value of transaction:
  - (5) Total fee paid:
- □ Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

- (1) Amount Previously Paid:
- (2) Form, Schedule or Registration Statement No.:
- (3) Filing Party:
- (4) Date Filed:

| UniFirst   | C 1234567890   |
|--|--|
| IMPORTANT ANNUAL MEETING INFORMATION   000004     ENDORSEMENT_LINE |  |
| MR A SAMPLE<br>DESIGNATION (IF ANY)                                |  |
| ADD 1<br>ADD 2<br>ADD 3<br>ADD 4                                   |  |
| ADD 5<br>ADD 6   | Vote by Internet   |
|  | Go to www.investorvote.com Or scan the QR code with your smart |

Annual Shareholder Meeting Notice

# 1234 5678 9012 345

. Follow the steps outlined on the secure website

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## Important Notice Regarding the Availability of Proxy Materials for the UniFirst Corporation 2017 Annual Meeting of Shareholders to be Held on January 10, 2017

Under Securities and Exchange Commission rules, you are receiving this notice that the proxy materials for the 2017 annual meeting of shareholders of UniFirst Corporation are available on the Internet. Follow the instructions below to view the materials and vote online or request a copy. The items to be voted on and location of the annual meeting are on the reverse side. Your vote is important!

This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. We encourage you to access and review all of the important information contained in the proxy materials before voting. The proxy statement and 2016 annual report to shareholders are available at:

# www.investorvote.com



Easy Online Access — A Convenient Way to View Proxy Materials and Vote When you go online to view materials, you can also vote your shares. Step 1: Go to www.investorvote.com. Step 2: Click on the icon on the right to view current meeting materials.

Step 3: Return to the investorvote.com window and follow the instructions on the screen to log in.

Step 4: Make your selection as instructed on each screen to select delivery preferences and vote.

When you go online, you can also help the environment by consenting to receive electronic delivery of future materials.



Obtaining a Copy of the Proxy Materials – If you want to receive a copy of these documents, you must request one. There is no charge to you for requesting a copy. Please make your request for a copy as instructed on the reverse side on or before January 2, 2017 to facilitate timely delivery.

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### Annual Shareholder Meeting Notice

The 2017 Annual Meeting of Shareholders of UniFirst Corporation will be held on Tuesday, January 10, 2017 at the corporate offices of UniFirst Corporation, located at 68 Jonspin Road, Wilmington, Massachusetts 01887, at 10:00 a.m. Eastern Time.

Proposals to be voted on at the meeting are listed below along with the Board of Directors' recommendations.

The Board of Directors recommends a vote FOR all of the nominees set forth in Proposal 1 and FOR Proposal 2:

- Election of three (3) Class II Directors, nominated by the Board of Directors, each to serve for a term of three years until the 2020 Annual Meeting of Shareholders and until their respective successors are duly elected and qualified.
  - 01 Ronald D. Croatti 02 Thomas S. Postek 03 Raymond C. Zemlin
- Ratification of appointment of Ernst & Young LLP as the Company's independent registered public accounting firm for the fiscal year ending August 26, 2017.
- Note: In their discretion, the proxies are authorized to vote upon any other matters that may properly come before the meeting or any adjournment or postponement thereof.

PLEASE NOTE – YOU CANNOT VOTE BY RETURNING THIS NOTICE. To vote your shares you must vote online or request a paper copy of the proxy materials to receive a proxy card. If you wish to attend and vote at the meeting, please bring this notice with you. Directions to the Annual Meeting are available by visiting www.unifirst.com and clicking on the "Contact" link.



#### Here's how to order a copy of the proxy materials and select a future delivery preference:

Paper copies: Current and future paper delivery requests can be submitted via the telephone, Internet or email options below.

Email copies: Current and future email delivery requests must be submitted via the Internet following the instructions below. If you request an email copy of current materials you will receive an email with a link to the materials.

PLEASE NOTE: You must use the number in the shaded bar on the reverse side when requesting a set of proxy materials.

- → Internet Go to www.investorvote.com. Follow the instructions to log in and order a copy of the current meeting materials and submit your preference for email or paper delivery of future meeting materials.
- → Telephone Call us free of charge at 1-866-641-4276 and follow the instructions to log in and order a paper copy of the materials by mail for the current meeting. You can also submit a preference to receive a paper copy for future meetings.
- → Email Send email to investorvote@computershare.com with "Proxy Materials UniFirst Corporation" in the subject line. Include in the message your full name and address, plus the number located in the shaded bar on the reverse, and state in the email that you want a paper copy of current meeting materials. You can also state your preference to receive a paper copy for future meetings.

To facilitate timely delivery, all requests for a paper copy of the proxy materials must be received by January 2, 2017.