

Messaging Settings - Feature Release Notes

Feature: Messaging Settings

Module: Education

Release Date: March 24, 2026

Reference: Education scheduled class messaging updates

1. Release Overview

This release formalizes Education Messaging Settings as the operational control point for class reminders, including template-driven emails, optional SMS notifications, configurable reminder offsets, and document attachments for outbound emails.

2. What Changed in This Release

2.1 Messaging Settings administration

- Dedicated admin page for configuring sender data, template, subject, and default message content.
- Quick action to enable or disable class notifications globally.
- Validation and save flow for email and SMS defaults.
- Added support for default document attachments used by class notification emails.

2.2 Notification schedule management

- Notification schedule modal supports multiple offset rows (days/hours before class).
- Range validation enforced: days 0..30, hours 0..23.
- Zero-offset row (0/0) is treated as empty.

2.3 Sending pipeline improvements

- Participant-centric recipient resolution for class messaging.
- Recipient deduplication for both email and SMS channels.
- Class notification logs prevent duplicate scheduled sends by class/schedule/message type.

2.4 Manual participant notifications

- Participants grid supports manual Send Notification action.
- Supports all-participants and selected-participants send scopes.
- Result feedback reports channel send counts.

3. Validation and Safety Controls

Area	Validation	Behavior
Email settings	Required sender/template/subject/message fields	Prevents incomplete email configuration
SMS settings	SMS message required when SMS is enabled	Prevents empty SMS sends
Email attachments	Attachment references must resolve to accessible documents	Prevents invalid attachment payloads
Schedule rows	Allowed ranges for days/hours	Prevents invalid trigger windows
Scheduled sends	Existing logs checked before send	Prevents duplicate notifications

4. User-Visible Behavior Notes

- Notifications can be disabled globally without deleting settings data.
- Template-driven email content remains centralized via class-notifications alias.
- Email notifications can include configured document attachments without per-send reconfiguration.
- Manual notifications from participants grid now align with participant-only recipient logic.

Operational note: if notifications appear disabled unexpectedly, verify Education setting `ENABLE_CLASS_NOTIFICATIONS` for current workflow and clear parameter cache if needed.

5. Deployment and Verification Checklist

1. Confirm Messaging Settings page loads with template options.
2. Save valid email defaults and verify success.
3. Enable SMS and verify SMS validation behavior.
4. Save default email attachments and verify they persist after refresh.
5. Configure schedule rows and verify persistence after refresh.
6. Run manual notification from participants view and confirm send summaries.
7. Verify scheduled service skip/send behavior using current offsets.