

Student admissions and data management, engineered into the LMS with LTI.

Axon Education uses a custom standalone Student Application LTI to manage the full applicant journey — giving admins a live, organized view of every student's details from first application through to enrollment.

CLIENT

Axon Education

REGION

United States

ENGAGEMENT

Education provider
• **Student application LTI**

PLATFORM

LTI 1.3

Axon Education.

Axon Education uses a custom standalone Student Application LTI to manage the full applicant journey — giving admins a live, organized view of every student's details from first application through to enrollment.

OUTCOMES AT A GLANCE

End-to-end

admissions in the LMS

LTI

standalone embed

Apply → enroll

one workflow

Real-time

application status

THE BRIEF

The challenge & our solution.

THE CHALLENGE

Prospective-student data lived in scattered forms, inboxes, and spreadsheets. Admins had no single place to receive applications, track their status, review documents, or manage programs. And students had no clear view of where their application stood.

THE SOLUTION

We built a standalone LTI application that runs the entire admissions lifecycle: a guided student application form, an admin console to receive, filter and decision applications, program and content management, user roles, and a student portal with dashboard, profile, requirements and document upload.

How we delivered it.

01

Student application

A guided multi-step form captures personal, academic and contact details, with live progress and validation.

02

Admin review console

Built dashboards to receive every application, filter by pending, under review, selected or rejected, and decision each one.

03

Programs & content

Gave admins tools to create programs, set entry requirements and edit the application and support content students see.

04

Student portal

Delivered a dashboard, profile, requirement tracking and document upload so students manage their journey end to end.

TECHNOLOGY STACK

• LTI 1.3

• Canvas LMS

• Ruby on Rails

• Application workflow

• Document storage

• Role-based access

INSIDE THE BUILD

The complete walkthrough.

16 screens walk through the build end to end — the following pages cover each one.



01

Student admission application

A comprehensive, guided form gathers personal details, academic history and contact information for a thorough assessment of every applicant.

The screenshot shows the 'Basic Information' step of a student admission application. The header includes navigation links for Home, Admissions, and Support, along with a notification bell and a user profile icon. A red banner reads 'Take the Next Step in Your Career'. Below this, text encourages the user to complete the application or call (325) 218-4444. A link for a 'Request for Information Form' is provided. A progress bar at the top indicates the current step is 'Basic Information', followed by 'Previous Education', 'Work Experience', 'Signature', and 'Done'. The main form section is titled 'Applicant Information' and contains the following fields:

- FIRST NAME*
- MIDDLE NAME*
- LAST NAME*
- EMAIL*
- PHONE*
- IS THIS A MOBILE PHONE**

02

Application status in the student page

Students track their submission from review through to a decision, with a clear timeline and outstanding items.

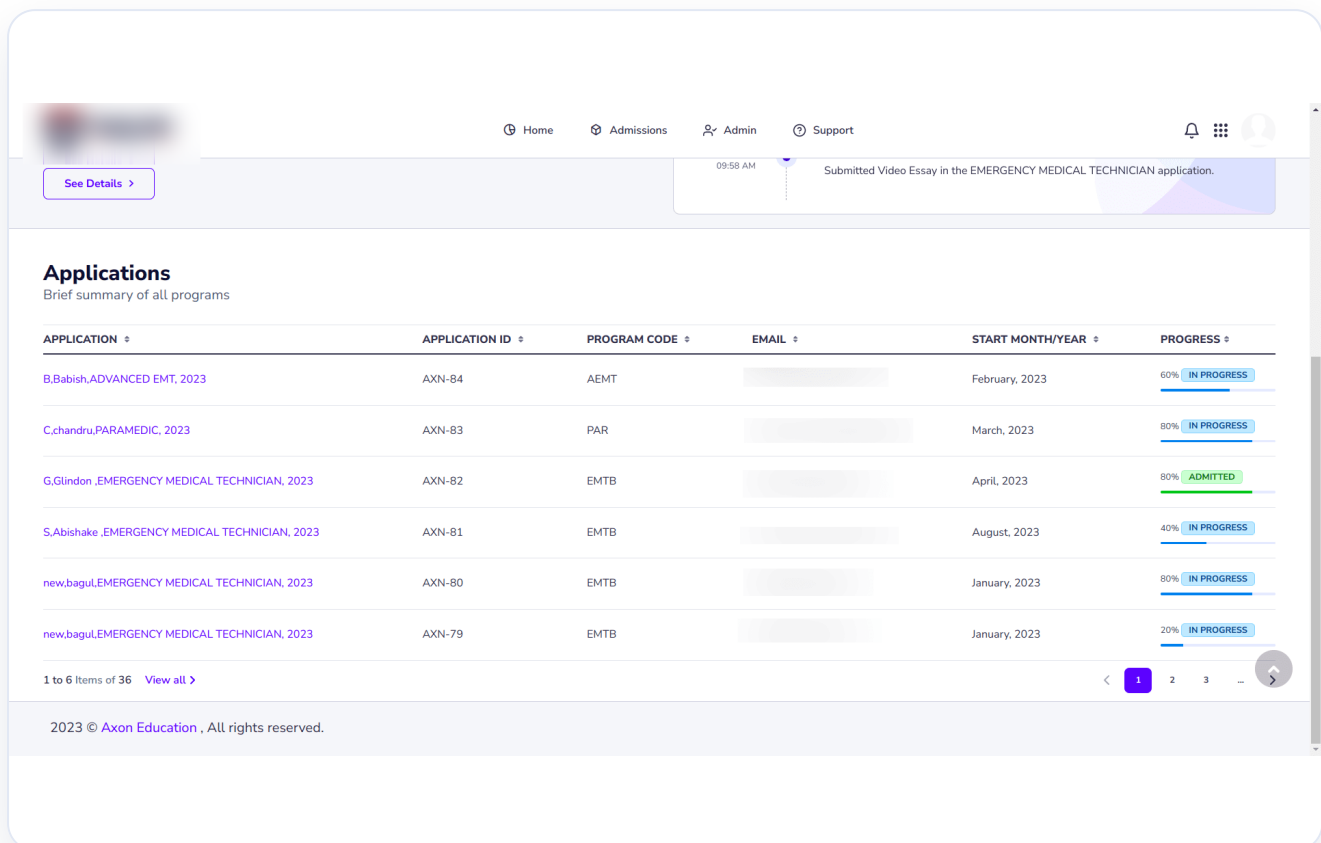
The screenshot shows the 'Program & Career Goals' step of the application. The header is identical to the previous page. The form section contains the following fields and options:

- DRIVER LICENSE STATE* (dropdown menu)
- ARE YOU A CURRENT OR FORMER MEMBER OF THE UNITED STATES MILITARY?* (dropdown menu)
- EMERGENCY CONTACT NAME* (text input)
- EMERGENCY CONTACT PHONE* (text input)
- EMERGENCY CONTACT RELATIONSHIP* (text input)
- WILL YOU BE UTILIZING SCHOLARSHIP OR GRANT FUNDING FROM AN OUTSIDE ORGANIZATION?
 - ☐ Yes
 - ☐ No
- PROGRAM* (dropdown menu)

A blue 'Next >' button is located at the bottom right of the form section. A small upward arrow icon is visible in the bottom right corner of the page.

Received application in admin

Admins review an applicant's details and supporting documents in one place before making a decision.



Applications
Brief summary of all programs

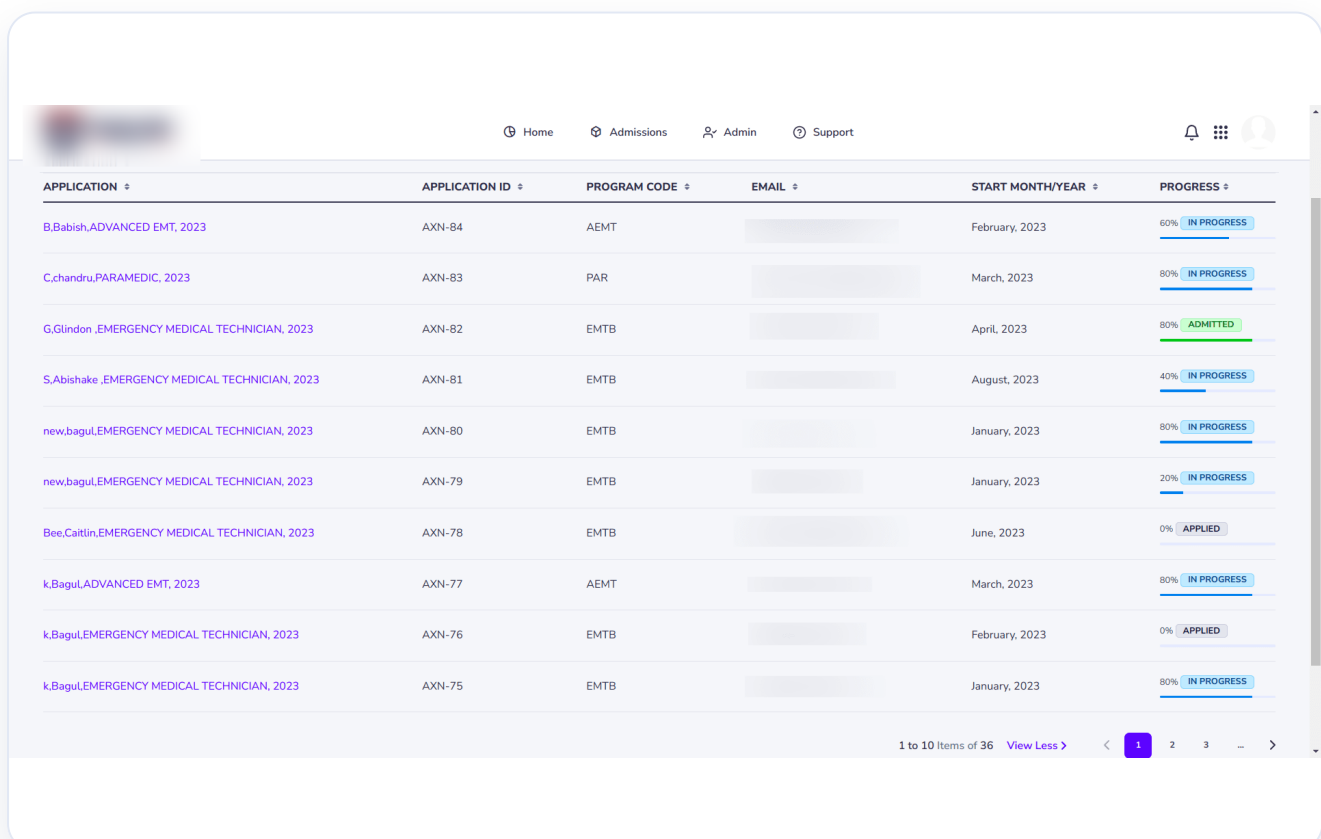
APPLICATION	APPLICATION ID	PROGRAM CODE	EMAIL	START MONTH/YEAR	PROGRESS
B.Babish,ADVANCED EMT, 2023	AXN-84	AEMT		February, 2023	60% IN PROGRESS
C.chandru,PARAMEDIC, 2023	AXN-83	PAR		March, 2023	80% IN PROGRESS
G.Glindon ,EMERGENCY MEDICAL TECHNICIAN, 2023	AXN-82	EMTB		April, 2023	80% ADMITTED
S.Abishake ,EMERGENCY MEDICAL TECHNICIAN, 2023	AXN-81	EMTB		August, 2023	40% IN PROGRESS
new.bagul,EMERGENCY MEDICAL TECHNICIAN, 2023	AXN-80	EMTB		January, 2023	80% IN PROGRESS
new.bagul,EMERGENCY MEDICAL TECHNICIAN, 2023	AXN-79	EMTB		January, 2023	20% IN PROGRESS

1 to 6 items of 36 [View all >](#)

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All applications received

Every submitted application across programs and intakes, in one filterable admin view with status at a glance.



All applications received

APPLICATION	APPLICATION ID	PROGRAM CODE	EMAIL	START MONTH/YEAR	PROGRESS
B.Babish,ADVANCED EMT, 2023	AXN-84	AEMT		February, 2023	60% IN PROGRESS
C.chandru,PARAMEDIC, 2023	AXN-83	PAR		March, 2023	80% IN PROGRESS
G.Glindon ,EMERGENCY MEDICAL TECHNICIAN, 2023	AXN-82	EMTB		April, 2023	80% ADMITTED
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new.bagul,EMERGENCY MEDICAL TECHNICIAN, 2023	AXN-79	EMTB		January, 2023	20% IN PROGRESS
Bee.Caitlin,EMERGENCY MEDICAL TECHNICIAN, 2023	AXN-78	EMTB		June, 2023	0% APPLIED
k.Bagul,ADVANCED EMT, 2023	AXN-77	AEMT		March, 2023	80% IN PROGRESS
k.Bagul,EMERGENCY MEDICAL TECHNICIAN, 2023	AXN-76	EMTB		February, 2023	0% APPLIED
k.Bagul,EMERGENCY MEDICAL TECHNICIAN, 2023	AXN-75	EMTB		January, 2023	80% IN PROGRESS

1 to 10 items of 36 [View Less >](#)

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Pending applications

Applications waiting on documents or applicant action, with the missing item and how long each has been waiting.

Requirement Pending Reviews					
APPLICATION ID	PROGRAM CODE	EMAIL	REQUIREMENT SUBMITTED	REQUIREMENT	VIEW
AXN-82	EMTB		09:58 AM Aug 28 2023	Video Essay	<button>View</button>
AXN-83	PAR		09:56 AM Aug 28 2023	Video Essay	<button>View</button>
AXN-84	AEMT		09:54 AM Aug 28 2023	Pre-admission Testing	<button>View</button>
AXN-81	EMTB		03:01 AM Aug 18 2023	Photo Id	<button>View</button>
AXN-81	EMTB		08:58 AM Aug 17 2023	High School Transcript	<button>View</button>
AXN-66	EMTB		08:29 AM Aug 17 2023	High School Transcript	<button>View</button>
AXN-67	EMTB		08:27 AM Aug 17 2023	Photo Id	<button>View</button>
AXN-80	EMTB		01:26 AM Aug 05 2023	Video Essay	<button>View</button>

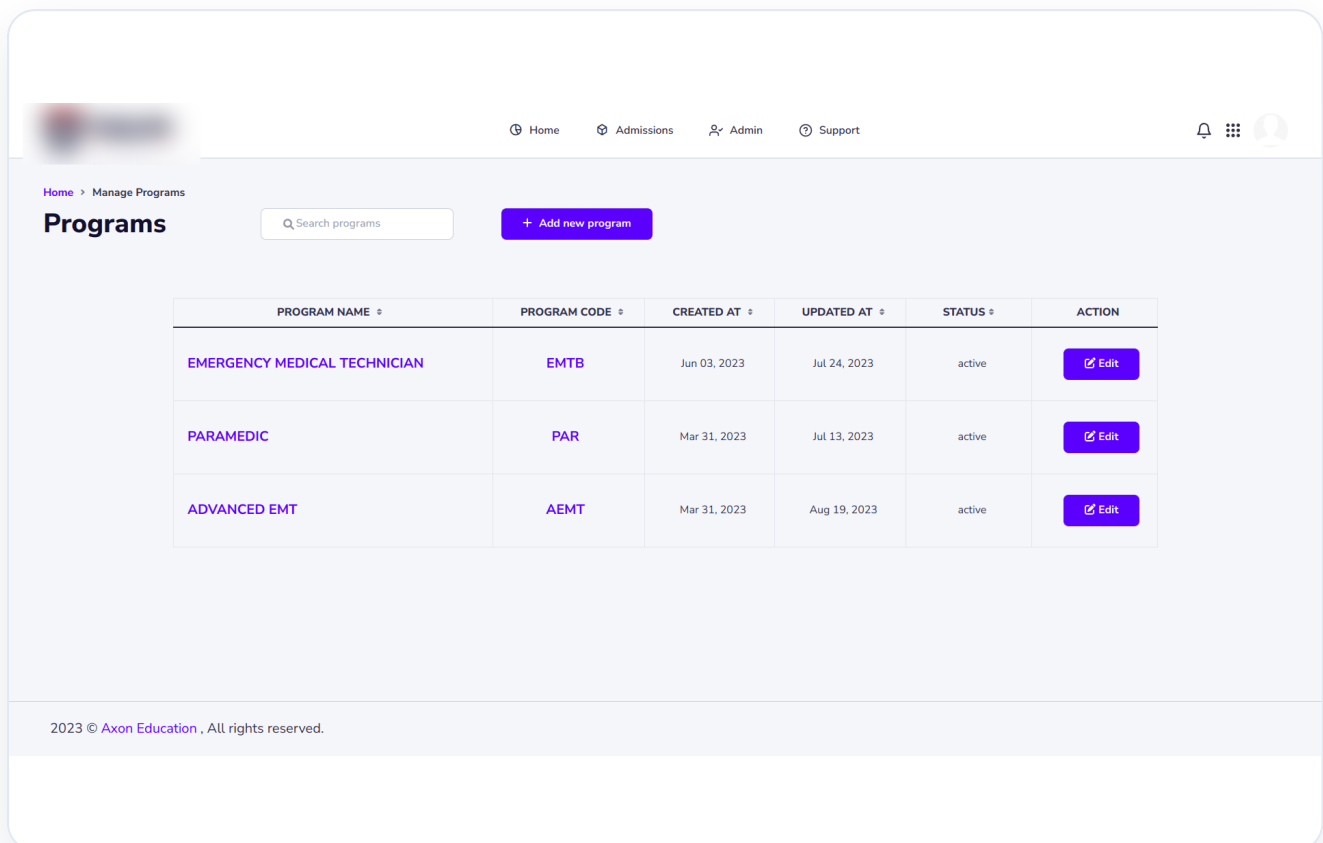
Selected applicants

Approved applications ready for offer letters and enrollment, with offer and acceptance status.

Application details					
Congratulations on taking the next step in your career. Your application to the AEMT program was submitted on 28-Aug-2023 .					
User Information		Program Details		Application Status	
Name:		Program:	AEMT	Percent completed:	60%
Email:		Start Month:	February	Application Status:	In Progress
Phone:		Start Year:	2023	Application ID:	AXN-84
Please review the Application Checklist below and begin submitting documents needed to complete your application.					
For You To Complete					
Requirement Status	Requirement		Requirement Submitted		
Waived	Photo Id		07:04 AM Aug 28 2023		
Approved	High School Transcripts or Diploma		07:05 AM Aug 28 2023		

Create programs

Admins define a program applicants can apply to, with degree level, intake, capacity and entry requirements.



Home > Manage Programs

Programs

Q Search programs

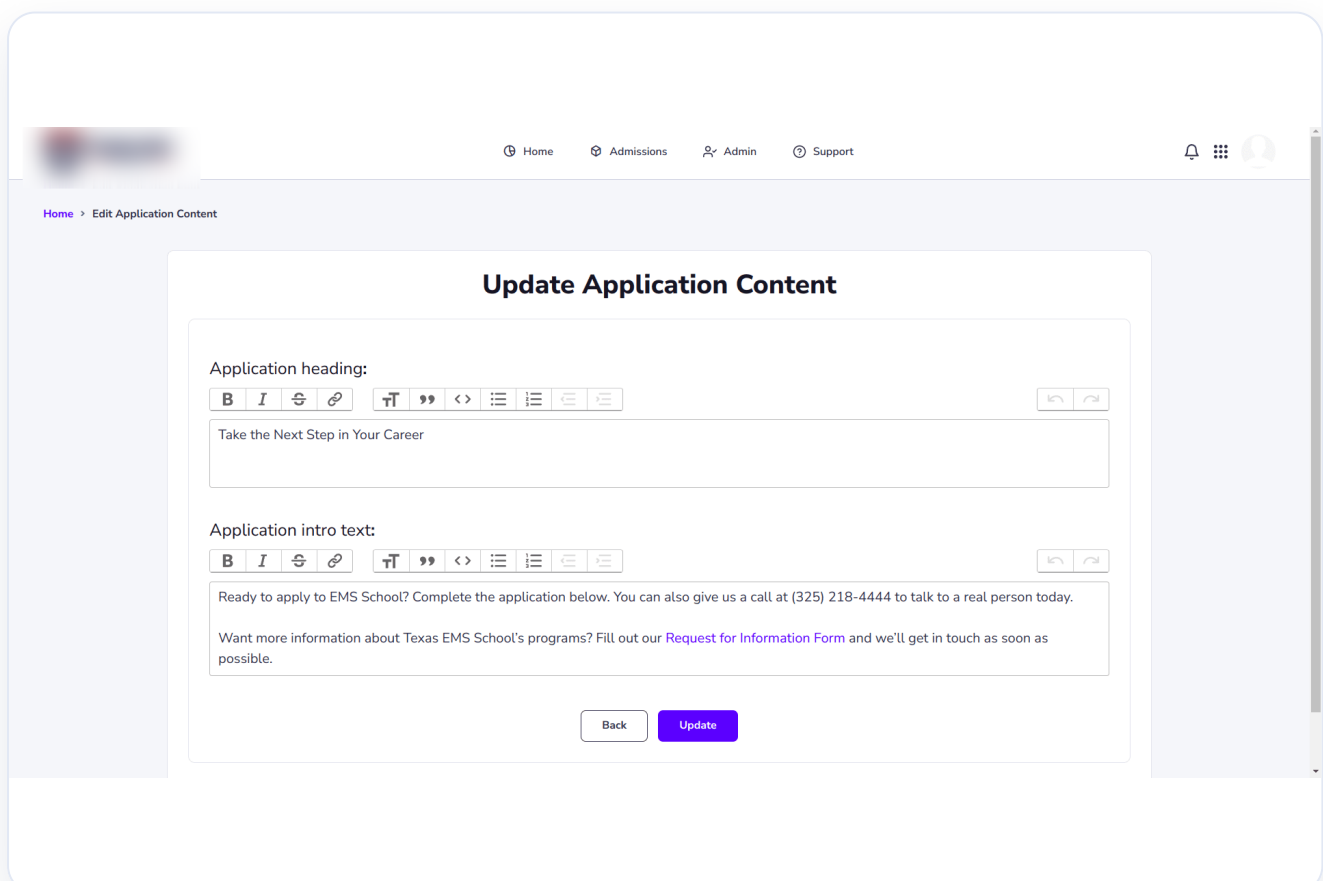
+ Add new program

PROGRAM NAME	PROGRAM CODE	CREATED AT	UPDATED AT	STATUS	ACTION
EMERGENCY MEDICAL TECHNICIAN	EMTB	Jun 03, 2023	Jul 24, 2023	active	Edit
PARAMEDIC	PAR	Mar 31, 2023	Jul 13, 2023	active	Edit
ADVANCED EMT	AEMT	Mar 31, 2023	Aug 19, 2023	active	Edit

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Update application content

Edit the fields, sections and guidance shown on the student application form, with no code.



Home > Edit Application Content

Update Application Content

Application heading:

B I

Take the Next Step in Your Career

Application intro text:

B I

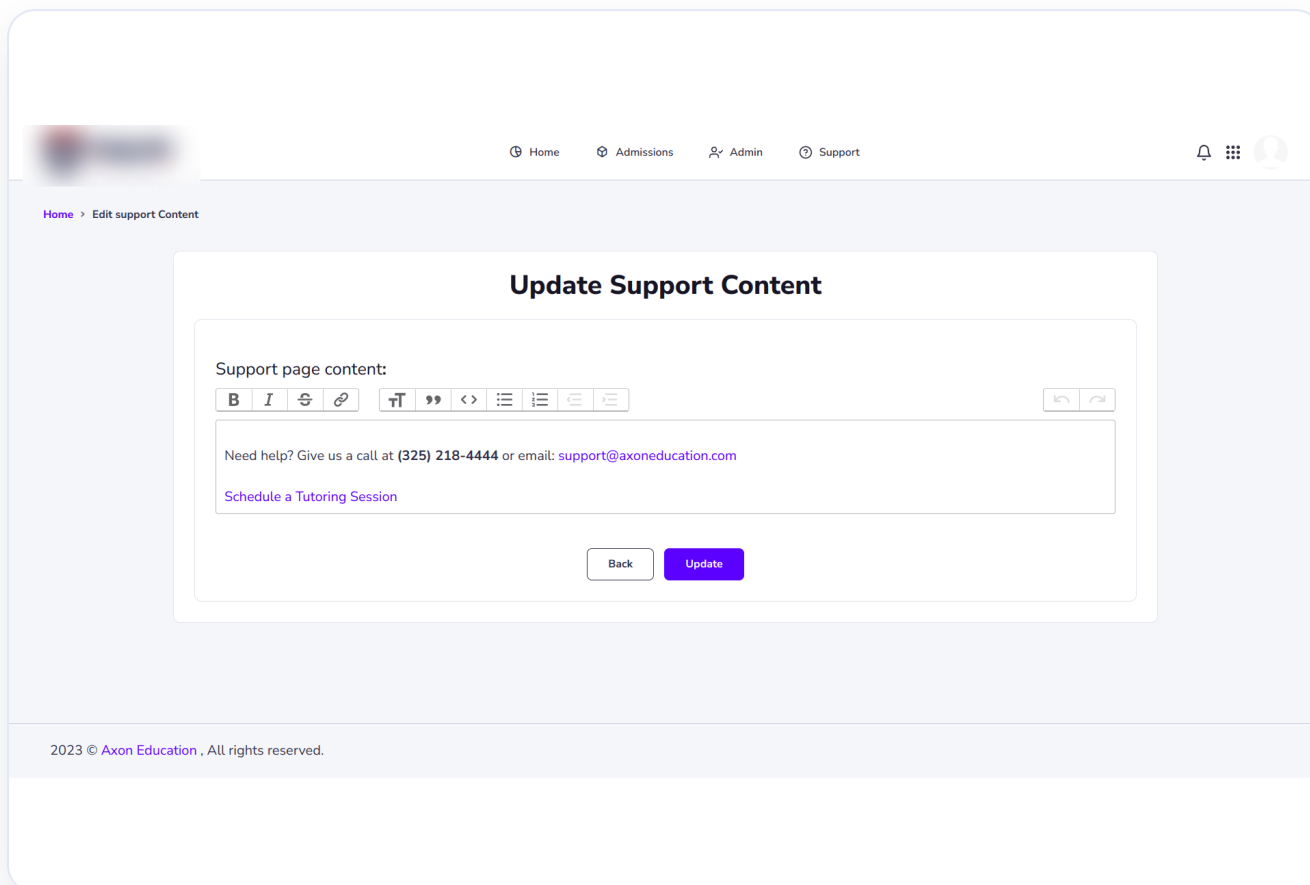
Ready to apply to EMS School? Complete the application below. You can also give us a call at (325) 218-4444 to talk to a real person today.

Want more information about Texas EMS School's programs? Fill out our [Request for Information Form](#) and we'll get in touch as soon as possible.

[Back](#) [Update](#)

Update support content

Manage the help articles, FAQs and guidance applicants see while completing their application.



Home > Edit support Content

Update Support Content

Support page content:

B *I* U [Link](#) Text Color Background Color

-

-

↶ ↷

Need help? Give us a call at (325) 218-4444 or email: support@axoneducation.com

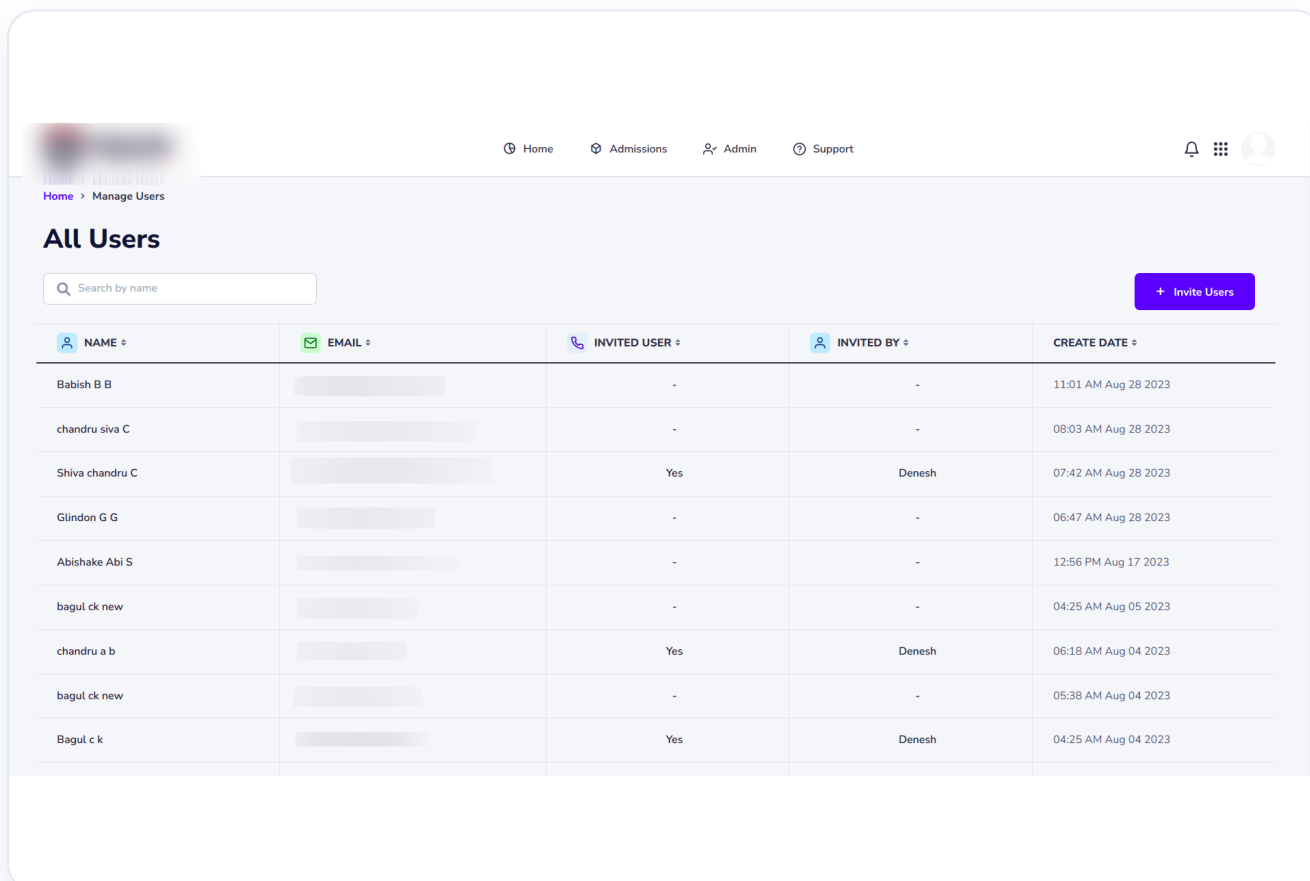
[Schedule a Tutoring Session](#)

[Back](#) [Update](#)

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Manage users

Control who can review applications, manage programs and edit content with role-based access.



Home > Manage Users

All Users

[+ Invite Users](#)

NAME	EMAIL	INVITED USER	INVITED BY	CREATE DATE
Babish B B		-	-	11:01 AM Aug 28 2023
chandru siva C		-	-	08:03 AM Aug 28 2023
Shiva chandru C		Yes	Denesh	07:42 AM Aug 28 2023
Glindon G G		-	-	06:47 AM Aug 28 2023
Abishake Abi S		-	-	12:56 PM Aug 17 2023
bagul ck new		-	-	04:25 AM Aug 05 2023
chandru a b		Yes	Denesh	06:18 AM Aug 04 2023
bagul ck new		-	-	05:38 AM Aug 04 2023
Bagul c k		Yes	Denesh	04:25 AM Aug 04 2023

11

Student dashboard

The student home offers easy access to academic tools and services — courses, grades, schedule and resources.

The screenshot shows the 'Overview' section of a student dashboard. At the top, there is a navigation bar with links for Home, Admissions, and Support, along with a notification bell and a user profile icon. Below the navigation bar, the 'Overview' section is divided into two main areas. On the left, there is a 'My Profile' card with an 'Edit' button. The profile card contains fields for Name, Email, Phone, Address, City, State, and Zip code, each with a corresponding icon and a text input field. On the right, there is an 'Applications' section with a '+ New Application' button. Below this button is a table with the following columns: APPLICATION, APPLICATION ID, PROGRAM CODE, START MONTH/YEAR, and PROGRESS. The table contains one row of data: 'new.bagui.EMERGENCY MEDICAL TECHNICIAN, 2023', 'AXN-80', 'EMTB', 'January, 2023', and '80% IN PROGRESS'. At the bottom of the page, there is a footer with the text '2023 © Axon Education , All rights reserved.' and a URL 'https://staginglti.axoneducation.com/#'.

12

Dashboard with activity log

The same dashboard alongside a full log of recent account and learning activity.

This screenshot shows the same 'Overview' section as the previous one, but with an 'Activity Logs' overlay on the right side. The overlay is a vertical list of activity items, each with a user profile icon, a description of the activity, and a timestamp. The activities listed are: 'Submitted Video Essay in the EMERGENCY MEDICAL TECHNICIAN application. 2 months ago.' (01:26 AM Aug 05 2023), 'Submitted Pre-Admission Testing document in the EMERGENCY MEDICAL TECHNICIAN application. 2 months ago.' (01:24 AM Aug 05 2023), 'Submitted High School Transcripts or Diploma document in the EMERGENCY MEDICAL TECHNICIAN application. 2 months ago.' (12:44 AM Aug 05 2023), and 'Submitted Photo Id in the EMERGENCY MEDICAL TECHNICIAN application. 2 months ago.' (12:36 AM Aug 05 2023). At the bottom of the overlay, there is a link 'Activity Logs history'. The footer of the page remains the same as in the previous screenshot.

13

Student profile

Personal details, program enrollment and account preferences in one editable profile.

User Profile

Health Information

Have Experience in Healthcare or First Responder
No

Have You Ever Held Healthcare credentials
No

Have Healthcare Licenses Or Credentials

Edit Profile

Axon Id: Id
First Name:
Middle Name: ck
Last Name:
Preferred Name: Preferred Name
Email:
Phone:
Birth Date: 1991-07-27
Address:
City:
State:
Postal Code:
[Edit Profile](#)

14

Application received

A clear confirmation the moment an application is submitted, with the ID and what happens next.

Application details

Congratulations on taking the next step in your career. Your application to the EMTB program was submitted on 05-Aug-2023.

User Information

Name:
Email:
Phone:

Program Details

Program: EMTB
Start Month: January
Start Year: 2023

Application Status

Percent completed: 80%
Application Status: In Progress
Application ID: AXN-80

Please review the Application Checklist below and begin submitting documents needed to complete your application.

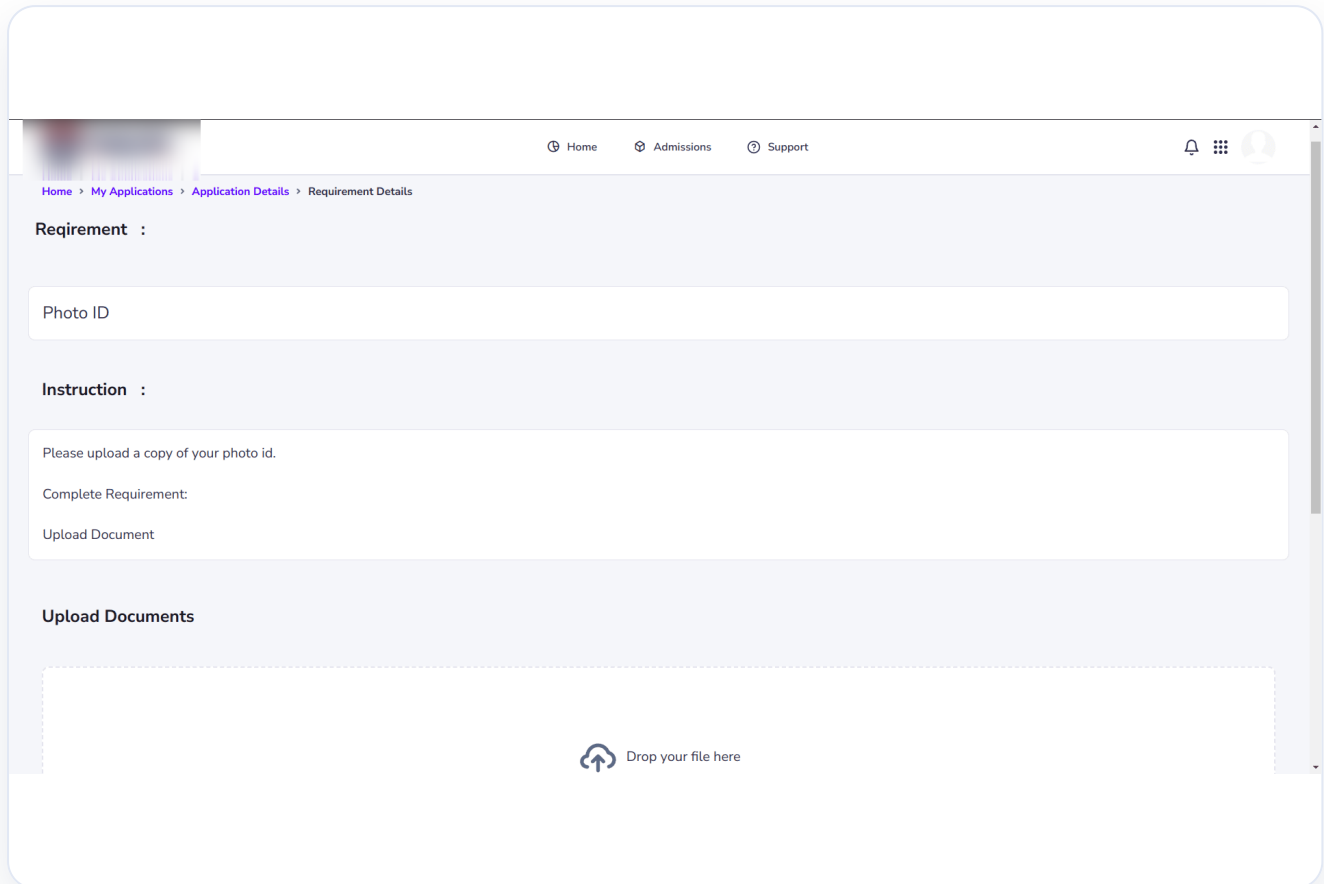
For You To Complete

Requirement Status	Requirement	Requirement Submitted
📌 Pending Preview	Photo Id	12:36 AM Aug 05 2023
📌 Pending Preview	High School Transcripts or Diploma	12:44 AM Aug 05 2023

15

Requirement details

Everything a student needs to complete and submit before the intake deadline, with live progress.

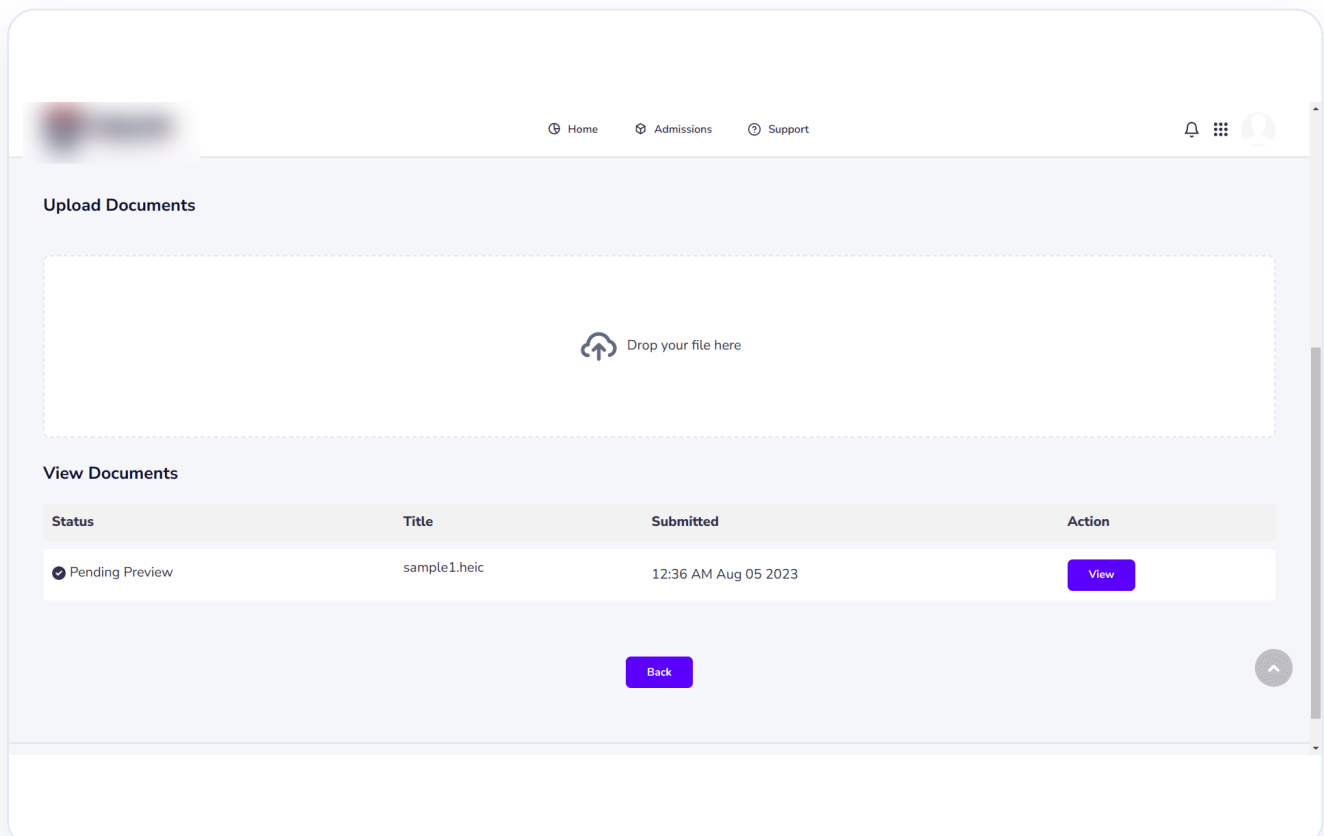


A screenshot of a web application interface for requirement details. The top navigation bar includes links for Home, Admissions, and Support, along with a notification bell, a grid icon, and a user profile icon. The breadcrumb trail shows: Home > My Applications > Application Details > Requirement Details. The main content area is titled 'Requirement :' and contains a section for 'Photo ID'. Below this, an 'Instruction :' section provides the following text: 'Please upload a copy of your photo id.', 'Complete Requirement:', and 'Upload Document'. At the bottom, there is an 'Upload Documents' section with a large dashed box for file upload, containing a cloud upload icon and the text 'Drop your file here'.

16

Document uploading

A drag-and-drop upload flow with a required-documents checklist and a clear submission deadline.



A screenshot of a web application interface for document uploading. The top navigation bar is identical to the previous page. The main content area is titled 'Upload Documents' and features a large dashed box for file upload with a cloud upload icon and the text 'Drop your file here'. Below this, a 'View Documents' section displays a table of uploaded documents. The table has four columns: Status, Title, Submitted, and Action. One document is listed with the status 'Pending Preview', title 'sample1.heic', and submission time '12:36 AM Aug 05 2023'. A 'View' button is present in the Action column. At the bottom of the page, there is a 'Back' button and a scroll-to-top arrow icon.

Status	Title	Submitted	Action
🕒 Pending Preview	sample1.heic	12:36 AM Aug 05 2023	<button>View</button>

Engineered for measurable impact.

From the first application to an enrollment decision, every student's details are received, reviewed and tracked in one LMS-integrated application.

Axon Education · Student Application LTI

Built and delivered by ZionStar

**End-
to-end**

admissions in
the LMS

LTI

standalone
embed

Apply



enroll

one workflow

**Real-
time**

application
status

Want results like these for your learners?

Tell us what you're building — we'll map the fastest path to your outcome.

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