

Install LMS Bridge in Canvas (Instructure)

Learning Mastery Support · free & open-source LTI 1.3 / Advantage tool · lmsbridge.app

You need **LMS-admin** access. Replace `YOUR-HOST` with your LMS Bridge address. These URLs (also at `/api/v1/lti/config` and the admin **LMS (LTI)** tab) are what the LMS needs:

OIDC login URL	<code>https://YOUR-HOST/api/v1/lti/login</code>
Launch / Target Link URI	<code>https://YOUR-HOST/api/v1/lti/launch</code>
Redirect URI	<code>https://YOUR-HOST/api/v1/lti/launch</code>
Public keyset (JWKS) URL	<code>https://YOUR-HOST/api/v1/lti/jwks</code>
Dynamic Registration URL	<code>https://YOUR-HOST/api/v1/lti/register</code>

Register (Dynamic Registration — recommended)

- 1 **Admin** → click your **account name** → **Developer Keys**.
 - 2 **+ Developer Key** → **+ LTI Registration**.
 - 3 **Dynamic Registration URL** = `https://YOUR-HOST/api/v1/lti/register` → **Continue** → confirm in LMS Bridge.
 - 4 Leave **Permissions + Placements** on → **Enable & Close**.
 - 5 Set the key **State = ON**; copy the **Client ID**.
 - 6 **Settings** → **Apps** → **View App Configurations** → **+ App** → **By Client ID** → paste → **Install**.
- Manual alternative:** Developer Keys → **+ LTI Key (Manual Entry)**: Target Link URI = `/launch`, OIDC Initiation = `/login`, JWK Method = `Public JWK URL = /jwks`; enable AGS + NRPS toggles; add a **Course Navigation** placement.

Canvas platform endpoints (record in LMS Bridge → LMS (LTI))

Issuer	<code>https://canvas.instructure.com</code>
OIDC auth (auth_login_url)	<code>https://sso.canvaslms.com/api/lti/authorize_redirect</code>
Token (auth_token_url)	<code>https://sso.canvaslms.com/login/oauth2/token</code>
JWKS (key_set_url)	<code>https://sso.canvaslms.com/api/lti/security/jwks</code>

Cloud values shown; for beta/test use `sso.beta` / `sso.test.canvaslms.com`.

Instructor places it

Course → **Settings** → **Navigation** → drag **LMS Bridge** into the menu → **Save** (or Modules → **+** → External Tool).

After any launch, LMS Bridge auto-provisions the user, course, and role (no extra password). Free & open-source under AGPL-3.0. UI labels verified against current vendor docs (2025–2026); confirm against your LMS version. Full guide: docs/INSTALL_LTI.md.