

Route Fit Report

SAMPLE · FICTIONAL STUDENT

Student: Caleb M. Grade: 11 Pathway: Skilled Trades Routes tested: Electrician, Diesel Technician, Engineering Technology

IN ONE SENTENCE
Caleb is a steady, careful problem-solver who wants to learn a trade the right way, work with a small crew he can count on, and start earning close to home.

01 What he said vs. what the data shows

Caleb’s own read on each route, next to his assessment results. Where they differ is where the coaching happens.

ROUTE	CALEB SAID	DATA SHOWS	WHY
Electrician	Match	Match	A top aptitude match, and a paid apprenticeship meets all three of his must-haves: earning soon, no debt, close to home. The data favors steady job sites over a new house every few hours.
Diesel Technician	Match	Stretch DIFFERS	The work fits him well. The stretch is timing: a two-year certificate delays earning. Getting hired at a shop first, with employer-paid training, keeps it open.
Engineering Technology	Clash	Stretch DIFFERS	His aptitudes fit the work. The conflict is the degree up front, not his ability, so it stays an option for later, after he is working in the trade.

02 Where he’ll thrive

- Strong fit Commercial and industrial construction crews
- Strong fit Maintenance for a single facility (school, hospital, plant)
- Strong fit Shop and fabrication work
- Stretch Inspection, estimating, and crew leadership, later on
- Go see first Residential service calls: a new house and customer every few hours
- Go see first Field service with frequent travel

“Go see first” means test it in person before deciding, not “no.” Caleb makes the call.

03 Training routes

- Strong fit Registered apprenticeship: earn while learning on a crew
- Strong fit Straight to work as a helper, often how apprentices get in
- Stretch Community college: best as dual credit now or night classes later
- Stretch Trade school: fits how he learns; watch the cost
- Go see first Military: training is paid, but it means leaving home
- Go see first Four-year college: conflicts with no debt and earning soon

04 His route: role + setting

TARGET 1

Electrician apprentice on commercial crews

Backed by his aptitudes, his steady working style, and all three must-haves.

Shadow: a day on residential service calls, to test the constant change he thinks he wants.

TARGET 2

Maintenance technician for one facility

Steady, local hours with a small team, keeping a building running for the people inside it.

Shadow: a day with an HVAC service tech.

LONG-TERM

Controls or industrial electrical specialist

Built on his curiosity and his numbers aptitude, reached through the journeyman route while he earns.

Shadow: a controls tech at a manufacturing plant.

05 Next steps into Phase 5

- 1 Talk with a licensed electrician he knows about how he got his apprenticeship.

3 Tour a school district facilities team with a parent.
- 2 Spend a day on residential service calls, the setting to test first.

4 Research how local apprenticeships accept applicants, and start an algebra refresher.

Coach’s takeaway: The data backs electrician strongly, but it points to steady commercial or facility work rather than constantly changing service calls. A day on those calls will test that before Phase 5 locks in his route.