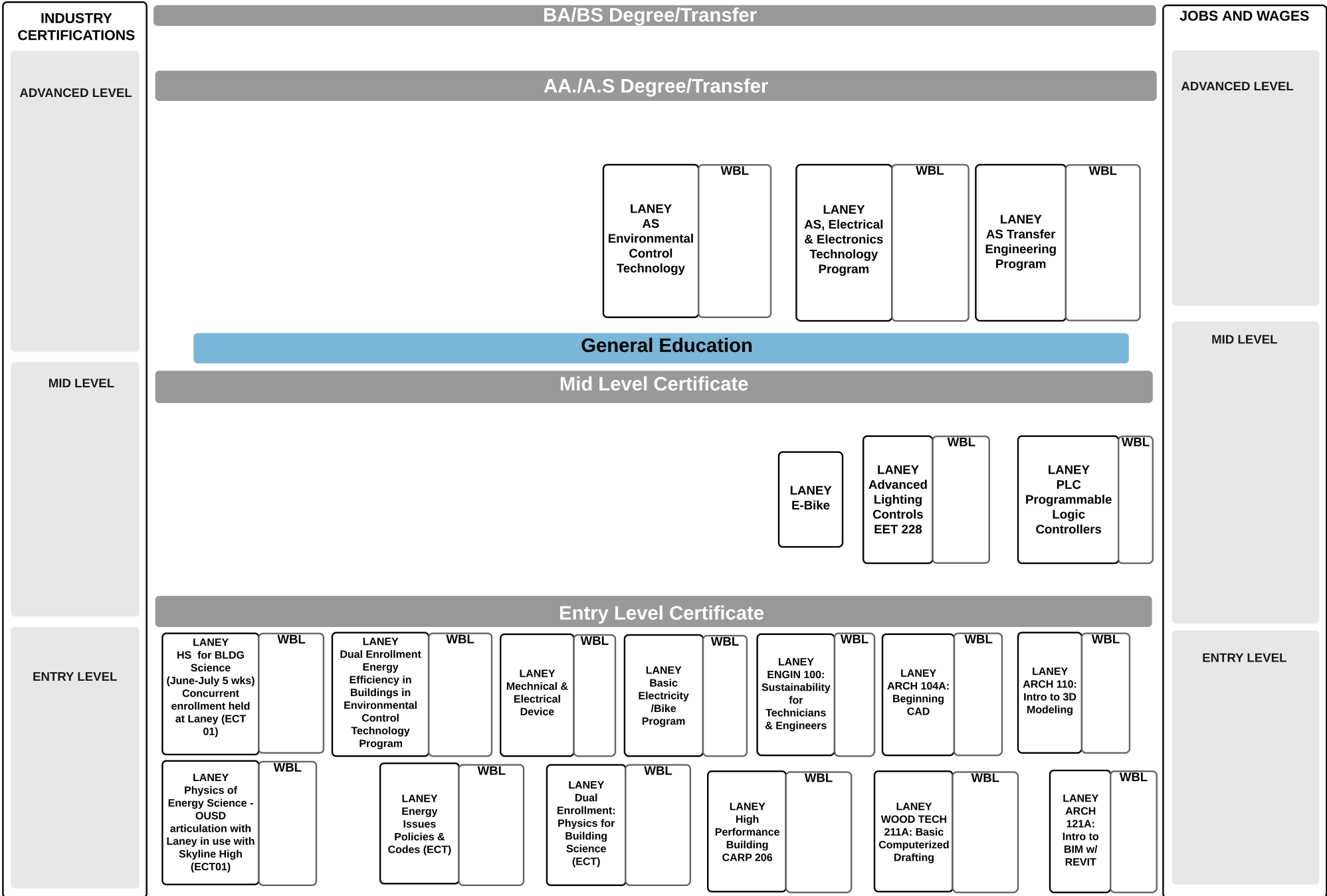


- INDUSTRY CERTIFICATIONS**
- ADVANCED LEVEL**
- ▶ National Institute for Metalworking Skills-NIMS
 - ▶ Level 2 Journey Level
 - ▶ Computer Numerical Control
 - ▶ Solidworks Professional
- MID LEVEL**
- ▶ National Institute for Metalworking Skills- NIMS (Basic)
 - ▶ Manufacturing Skills Standards Council-MSSC
 - ▶ American Welding Society
 - ▶ Drill Press
 - ▶ Vertical Milling
 - ▶ OSHA Safety 30 hr
 - ▶ FAA Licences
- ENTRY LEVEL**
- ▶ Measurement Materials & Safety
 - ▶ Benchwork & Layout
 - ▶ National Career Readiness Certificate-NCRC
 - ▶ Food Handler Certificate

- JOBS AND WAGES**
- ADVANCED LEVEL**
- ▶ Apprentice Machinist, \$25-\$35/hr
 - ▶ Maintenance Mechanic, \$20-\$30/hr
 - ▶ Plant Maintenance Worker II, \$20-\$30/hr
 - ▶ Aviation Manager
 - ▶ Airport Manager
- MID LEVEL**
- ▶ Production Machinist Intern, \$20-\$30/hr
 - ▶ Machine Operator, \$20-\$30/hr
- ENTRY LEVEL**
- ▶ Machine Shop Helper, \$14-\$18/hr
 - ▶ Machine Operator, \$14-\$18/hr

*Aspirational



*Aspirational

ALAMEDA USD: Alameda

ALBANY USD: Albany

OUSD: Castlemont High School

OUSD: Fremont

	ALAMEDA USD: Alameda			ALBANY USD: Albany			OUSD: Castlemont High School			OUSD: Fremont			
	Courses	WBL	Project/Student Support	Courses	WBL	Project/Student Support	Courses	WBL	Project/Student Support	Courses	WBL	Project/Student Support	
12	-Dual Enrollment Intro to Aviation-up to 500 hrs*				-Intern shops (but not in in Engineering)	-Current conversation with Matt Trocker, Mark Martin, Danny Beesley re: Dual Enrollment	ECONOMICS P	Need: -build a bridge program with Laney and Merritt based in people projects and place!*			-Construction TECH 1&2 -ARCH DESIGN -GRAPHIC DESIGN		
11		-Visits to Engineering Companies/ Summer Internships* -Fab Lab connect with Alameda makers*					URBAN ECOLOGY	Need: -Instructors to come odo presentations/ projects with aand within CTE/core classes at each grade level* -Carpentry class as CTE elective* -Support implementation of proposed "hybrid" COUNS 207 class within a CTE class (Merritt)*			-DESIGN & BUILD		
10							GRN URBAN DES	Questions: -Who collects student ADA?*					
9	-Algebra with robotics focus -EOUN 57 Life and Career Exploration						SUSTURBAN ENERGY	Questions: How to be more innovative and creative with dual enrollment aka Santa Barbara example, that is more scaffolded, not just offering a class?*					

**Aspirational*



12
11
10
9

OUSD: McClymonds High School

Courses	WBL	Project/Student Support
-ENGR PRIN 12	12	12
PRIN OF ENGR 11	11	11
INTRO ENGR DSGN 10	10	10
ENGR PRIN 9	9	9

OUSD: Oakland High School

Courses	WBL	Project/Student Support
-CIVIL ENGR ARCH 12	12	12
-CIVIL ENGR ARCH 11	11	11
-CIVIL ENGR ARCH 10	10	10
-INTRO ENGR DSGN 9	9	9

SLUSD: San Leandro

Courses	WBL	Project/Student Support
12	12	12
11	-Machine Tech 2 (Year Long) Manual Machining Forging, CNC, (guided) Student selected projects	11
-Machine Tech 1 (Year Long) Manual Machining uc a-g (g)	10	-3D Solid Modeling (Year Long) Modeled on Laney's Mach 20 uc a-g (g)
-Intro to Metal (semester long) Hand Tools, Manual Machining	9	9

**Aspirational*