

# **CONSTRUCTION TRADES TECHNOLOGY DEPARTMENT**

## 3 YEAR Strategic Plan

### Institutional Strategic Master Plan Goals/Initiatives (2023-2026)

- 1. ISMP-Advancing Workforce Development and Training
- 2. ISMP-Fostering 100% Student-Centered Success
- 3. ISMP-Leveraging Transformational Engagement and Governance
- 4. ISMP-Optimizing Resources
- 5. ISMP-Modernizing and Expanding Infrastructure and Technology

### **Department Objectives**

- 1. Review and revise Construction Department curriculum for programs and courses.
- 2. Maintain and ensure that all programs articulate to National Standards.
- 3. Prepare budgets to update and expand Department teaching supplies, equipment, and materials.



### **Timeline 2023-2026**

ISMP Goal #	Department Objective	Annual Program Budget Goal	Task	Task	Task
			Year 1	Year 2	Year 3
1	<ul> <li>Review Post- Secondary course documents more than 2 years old and revise as necessary.</li> <li>Update all outdated Curriculum</li> </ul>	<ul> <li>Prepare a 3-year growth budget for General Fund appropriations</li> </ul>	<ul> <li>Hold Advisory         Committee and         Department         meetings to insure         program is meeting         industry needs.     </li> <li>Recruit new</li> <li>advisory committee</li> <li>members to reflect</li> <li>changes in</li> <li>programs</li> </ul>	<ul> <li>Review Secondary Programs to insure Articulation with Post-Secondary programs is on target with Industry Standards and Apprenticeship Training.</li> <li>Coordinate w DOL for Apprenticeship funding</li> </ul>	<ul> <li>Full compliance of revisions.</li> <li>Implementation of revisions, both programmatic and course.</li> </ul>
2	<ul> <li>Continue work         experience         coordination that         corresponds to         apprenticeship         programs. Increase         overall student         participation in         Work Experience         Program for         secondary students.</li> <li>Allow for all         students Secondary         and Post-Secondary         to participate in</li> </ul>	<ul> <li>Support new CTE student projects.</li> <li>Update department budget to purchase 3D Printers for all satellites</li> </ul>	• Encourage Construction Trades graduates to enroll for GCC's post- secondary Construction Trades and Apprenticeship Certificate and degree programs by aggressive recruitment strategies (presentations by postsecondary faculty and guest	Conduct recruitment presentations to five GDOE high school seniors in Spring semester	Increase enrollment of CT programs, outside of Apprenticeship by 5%.



	Living Lab components		speakers at secondary sites).  Department Chair will coordinate w Industry Partners to develop Internships for CT students		
3	Continue professional development programs for department faculty	Work with MIS to purchase needed computers and Laptops, training software and equipment	Hold Advisory Committee and Department meetings to insure programs are meeting needs of Community	Continue NCCER articulation through training and conferences. Acquire new and relevant training through national partnerships outside of Guam	Establish and maintain a pool of qualified Instructors and trainers
4	Conduct recruitment presentations to five GDOE high school seniors and selected Private schools in Spring semester.	Work with PIO on recruitment options, including fairs, radio, and print options.	Work with GCC CTE Counselors on a recruitment calendar and recruitment goals (some may need to be specific to certain schools)	• Encourage Construction Trades graduates to enroll for GCC's post-secondary Construction Trades and Apprenticeship Certificate and degree programs by aggressive recruitment strategies (presentations by postsecondary faculty and guest speakers at secondary sites).	Promote service-learning opportunities for Construction Trades students in collaboration with non-profit organizations to increase the level of civic engagement among Construction Trades students.



					Work Experience / Apprenticeship	
5	<ul> <li>Conduct a department assessment of supplies, materials, equipment, and technology to ensure alignment to curriculum.</li> </ul>	To ensure that shops are in compliance with safety and industry standards.	<ul> <li>Assess all department equipment on campus</li> <li>Assess all department equipment at satellite locations</li> <li>Assess all other teaching materials</li> </ul>	•	Update department's curriculum for programs and courses. Update department's annual budget	Complete department's assessment for programs and courses once curriculum is current.

#### FY25 Department Goals, Indicators and Outcomes

DEPT CODE	ODE DEPT DIV CODE	DEDT DESC	DEPT_FY05	DEPT GOAL 1	DEPT_GOAL 2	DEPT_GOAL 3	DEPT_INDICATO	DEPT_INDICATO	DEPT_INDICATO	DEPT_OUTCOM	DEPT_OUTCOM	DEPT_OUTCOME 3	
DEFI_C	DEFI_DIV CODE	DEFI_DESC	BUDGET	DEFT_GOAL I	DEFT_GOAL 2	DEFI_GOAL 3	R 1	R 2	R 3	E 1	E 2	DEFT_OUTCOIVIE 3	
												CONDUCIVE	
								ASSESSMENT		CURRICULUM		LEARNING	
						TO ENSURE	30% OF	AND		DOCUMENTS		ENVIRONMENT	
					TO ENSURE	THAT SHOPS	CURRICULUM	CURRICULUM		WILL BE		ALIGNS WITH	
					THAT	ARE IN	WILL BE	REQUIREMENTS		SUBMITTED TO		INDUSTRY AND	
				TO ENSURE THE	INSTRUCTIONAL	COMPLIANCE	REVIEWED AND	ALIGNED TO	COMPLIANCE	CRC AND WILL		SAFETY STANDARDS	
				CURRENCY OF	ASSESSMENT	WITH SAFETY	UPDATED BY	INSTITUTIONAL	AND SAFETY	BE ALIGNED TO	100%	WILL BE PRESENT IN	
				CURRICULUM	DEADLINES ARE	AND INDUSTRY	THE ADVISORY	CYCLE	CHECKLIST WILL	INDUSTRY	ASSESSMENT	ALL SHOPS WITHIN	
6950		CONSTRUCTION TRADES		DOCUMENTS.	MET.	STANDARDS.	COMMITTEE.	SCHEDULE.	BE UTILIZED.	STANDARDS.	COMPLIANCE.	THE PROGRAMS.	

MDF

R_NO	R_FD	R_DEPT	R_OBJ	R_FY	R_DESC	R_JUSTIFICATION	R_QTY	R_UNIT	R_IT	R_Priority	TOTAL (QTY x Unit)
2	04	6950	7240		INSTRUCTIONAL SUPPLIES & MATERIALS	SUPPORT CONSTRUCTION TRADES PROGRAM-Maintain or replace table saws, vertical drill presses, bench planers, sliding compound miter saws, circular saws, jigsaws, grinders, compressors, cordless drills' impact drivers, pneumatic and cordless finishing nail guns, air movers, industrial fans; vacuum pumps, recovery machines, digital multimeters, propane torch sets, shark bite plumbing compression systems, copper tube cutters, EMT benders, electrical tool sets, knockout 1/2 inch sets, stepup drill bit sets, drill bit sets, plier sets, crescent wrench sets, side cutter sets, tube flaring kits, tube cutters, tube threaders, bull floats, magnesium floats, cement trowel kits, portable cement vibrators, oxyacetaline valve, doublezero welding tips, journeyman torch bodies, hydraulic rebar benders, manual rebar benders.	4	10000		1	40,000
3	04	6950	7240		INSTRUCTIONAL SUPPLIES & MATERIALS	SUPPORT CIVIL ENGINEERING/SURVEYING PROGRAMS-Maintain or replace FOIF Total Station Surveying, Prism Station Target, Prisms, Mini Prism Triangles, Mapping Equipment Levels, Trimble DGPS, Optical Plumbets, Trimble Data collector.	4	5000		1	20,000
4	04	6950	7240		INSTRUCTIONAL SUPPLIES & MATERIALS	SUPPORT PREARCHITECTURAL DRAFTING PROGRAM-Maintain or replace drawing mats.	4	500		1	2,000
5	04	6950	7240		INSTRUCTIONAL SUPPLIES & MATERIALS	SUPPORT COMPUTER AIDED DESIGN AND DRAFTING PROGRAM-Maintain or replace digital presenters, plotter, and printer.	4	2500		1	10,000
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