



Irrigation Engineering Technology

Certificate Pathway

Career Pathway: Agriculture and Industrial Technology

Program Description: The Irrigation Engineering Technology program prepares students for careers in irrigation sales, installation, design and operation; learning skills in computer-aided drafting, irrigation management, evaluation and design, including advanced design and drip and micro irrigation design and management. The curriculum is designed to align with the Irrigation Association's certified irrigation designer certification and certified agricultural irrigation specialist (CAIS) certification. Completion of either certificate qualifies students to enter the professional job market or the units may be applied as university transfer or to fulfill the education requirement for the California Department of Pesticide Regulation's (CDPR) Agricultural Pest Control Adviser (PCA) license and the Society of Agronomy's Certified Crop Adviser (CCA).

Student Name: _____ ID# _____

Counselor: Valerie Walker

Advisor: Juana Tapia

Faculty: Tim Ellsworth

1-Year Plan	Course ID	Description	Units	To Do List
Semester 1	AET 015	CAD for Agriculture	2	Meet with your Advisor to confirm plans.
	AET 021	AG-Irrigation Management	3	
	AET 022	Irrigation Evaluation/Design Principles	4	See Counselor/Faculty mentor to take classes concurrently or out of sequence. Begin research on careers https://vitanavis.com/westhillscollege , https://www.onetonline.org/ and https://jobspeaker.com/ .
			9	
Semester 2	AET 023	Advanced Irrigation Design	3	Prepare JobSpeaker Resume and Cover Letter for future career opportunities. Petition to Graduate for IET Certificate with your Counselor.
	AET 024	Drip & Micro Irrigation Design & Management	3	
	AET 010	Surveying	3	
			9	
Total Program Units			18	

Important:

- This is only a recommended course sequence. Classes are subject to change based on the transfer university. Please check with your counselor and/or advisor to ensure you are enrolled in the correct classes.
- Summer can be used as an option as well.
- Students are recommended to complete English and Math in their 1st year.
- Completion of this Student Educational Plan does not register you for classes. You must register via Self-Service in your MyWestHills portal.
- You must coordinate your financial aid with the cost of classes above. It is the student's responsibility to ensure the financial aid process is complete in order for financial aid to cover the cost of tuition and fees incurred.
- Students must "Petition to Graduate" with their counselor during their last semester in order to receive their certificate or degree and be eligible to walk in the commencement ceremony.

Transfer Information:

- Students transferring to the University of California (UC) are required to demonstrate competence in a language other than English. This requirement may be demonstrated through one of the following methods: 1) 2 years of the same foreign language in high school with C-grades or higher, 2) completing formal schooling through 6th grade or higher at an institution where the language of instruction is not English or 3) completing SPAN-002 or higher at WHCC with a grade of C or higher. Please consult with your counselor to see which method works best for you!
- Please consult with counselor for minimum transfer grade requirements.
- Fall admissions deadline for California State University (CSU) and University of California (UC) institutions is November 30th! Please check individual deadlines for all other universities.
- Apply to CSU at www.calstate.edu/apply. Apply for UC at admission.university.edu.

Student Signature: _____

Date: _____