



TAFTCOLLEGE

March 12, 2018

Dear Prospective Energy Technology Program Applicant,

Thank you for your inquiry about joining the Taft College Energy Technology Program Cohort in the Fall Semester of 2018. Enclosed you will find the Energy Technology Cohort Application and other information that will assist in your consideration of the Energy Technology as a career and education option.

The Cohort Application is **due** back to Taft College no later than **3:00 pm on April 15, 2018**.

Included in this application are the following documents:

1. Purpose of the Energy Technology Cohort
2. Key Dates
3. Energy Technology Cohort Application
4. Selection Criteria for the cohort
5. Energy Technology General Program Requirements and Informational Sheet
6. Course sequence information for completion certificate and degree program

For consideration in Fall 2018, all applicants must have all required information received at Taft College by **3:00 pm on April 15, 2018**.

Should you have any questions, or require additional information, please feel free to contact Taft College CTE at (661) 763-7734 CareerReady@taftcollege.edu or (661) 763-7967 tfurman@taftcollege.edu.

Sincerely,

Tori Furman

Tori Furman, M.S.

CTE Coordinator/Career Counselor
Taft College



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ENERGY TECHNOLOGY PROGRAM

PURPOSE OF THE COHORT:

1. To allow Taft College to provide directed guidance and support to students in the program.
2. To allow students in the program to provide support for each other as they progress in their studies.

BENEFITS:

1. TC Foundation Scholarship for TC Bookstore (amount TBD)
2. Frequent interaction with Taft College Counselor or Assistant to support you in your success (1 – 2 times per month)
3. Class/Course Registration Support
4. Hands-on and real-world learning activities
5. Tutoring and academic assistance as needed
6. Networking opportunities and/or meetings with business and industry partners in the Energy Sector (1-2 times per month)
7. Being part of a professional learning community
8. Students will have the opportunity to start and complete the program as a group



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ENERGY TECHNOLOGY PROGRAM COHORT

Acceptance into the cohort program does not equate to acceptance to Taft College. Individuals not yet enrolled with Taft College will need to complete the Taft College application. For purposes of enrollment in the Energy Technology program in the Fall Semester, new students will need to complete their Taft College application by June 1, 2018. New students may complete the student application online at www.taftcollege.edu. For questions and/or more information on completing the student application please contact 661-763-7734.

KEY DATES

March 12, 2018:	Release of Cohort Application
April 15, 2018:	Cohort Applications Due
April 16-20, 2018:	Taft College Internal Review of Cohort Applications
April 23-27, 2018:	Committee Review of Cohort Applications (Committee will consist of 3 members from Business & Industry and 4 from Taft College)
April 30, 2018:	Notification to select Cohort Applicants
August 8, 2018:	Orientation/Introduction meeting with students in the Energy Technology Program Cohort

NOTES:

- Students accepted as part of the Energy Technology Cohort group are expected to attend the August 2018 Orientation/Introduction meeting. The purpose of the meeting will be to share information on the expectations of the cohort, requirements of the program, meet staff, and industry partners.



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ENERGY TECHNOLOGY PROGRAM COHORT APPLICATION

1. Full Name: _____
Last First Middle

2. TC Student A# or Last 4-digits SSN: _____ E-mail: _____

3. Current Mailing Address: _____
Number & Street City State Zip

4. Telephone Number: Day () _____ Evening () _____

5. Are you currently attending or have attended college/university? YES NO (If "yes" please list previous colleges and universities attended, dates of attendance, and any degrees or certificates earned)

College or University	Dates of Attendance	Degree or Certificate/Units Earned	Date Awarded	Average GPA

6. Are you a high school graduate? YES NO (If "yes" please fill out high school information below)
Graduation year: _____ High School Attended/Location: _____

High School GPA at graduation: _____

Are you still attending high school or did not complete? YES NO (If "yes" please fill out school information below)

High School Attending/Location: _____

7. Are you currently employed or have work experience? YES NO (If “yes” please list your previous work experience including current employment, dates of employment, job title, summary of duties)

Employer/Organization	Dates of Employment	Job Title	Duties

8. Educational Goals - Please describe your educational goals:

9. Career Goals - Please describe your career goals:

10. Personal Statement – Please explain why you wish to be selected to the Taft College Energy Tech Cohort:

11. Additional Information Requested:

- a. Transcripts from the last High School previously attended.
- b. Transcripts from **all** colleges and universities previously attended
- c. Letters of Recommendation (signed and sealed). These can be from recent employers, or recent instructors (High School or College). These can also be attached here or sent to Taft College directly. If attached here, a verification phone number or other contact info must be included.
- d. Any other additional information that they may consider as relevant to their possible selection in addition to the requirements above. Examples might be Patents, Research Papers, Awards, etc. This information may be attached here, or sent directly to Taft College. Please realize that material sent to Taft College or included in this package may not be returned to the applicant.

12. Application & Additional Information Requested:

For consideration to enter this program beginning Fall 2018, all applicants must be received no later than 3:00 pm on April 15, 2018. Please submit application electronically & email additional information to careerready@taftcollege.edu or you can mail the additional information to the following address:

TAFT COLLEGE
Attention: **ENERGY TECHNOLOGY PROGRAM**
c/o Tori Furman
29 Emmons Park Drive
Taft, CA 93268

Additional information can be obtained by contacting TAFT COLLEGE at 661-763-7734.



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Thank You for your interest in the Energy Technology Program!



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ENERGY TECHNOLOGY PROGRAM SELECTION CRITERIA AND COHORT REQUIREMENTS FOR FALL 2018 APPLICANTS

Taft College will accept up to 20 qualified students into its Energy Technology Program Cohort each Fall Semester.

1. Applicants must turn in the enclosed application no later than **3:00 pm on April 15, 2018**. Applicants will be **notified by April 30, 2018** as to the status of their acceptance into the program.
2. Applicants to the cohort must agree to the following:
 - a. Attendance to Energy Technology courses three evenings per week during the Fall 2018 and Spring 2019 semesters.
 - b. Attendance at the initial Cohort Introduction meeting in August 2018.
 - c. Participation in two cohort check-ins each month.
 - d. Completion of the sequence of courses toward a certification or degree, as arranged by Taft College (see attached Course Sequence list).
 - e. Completion of all program courses with a grade of "C" or better in order to remain in the cohort.
3. Applicants will be evaluated for selection by the committee based on the following criteria (there are a total of 100 points possible):
 - a. High School Graduation from Energy-related Academy program (TUHS Oil Academy, Independence Energy & Utilities Academy, etc.)
 - b. Cumulative High School/College GPA
 - c. College Units Complete
 - d. Employment Experience in Energy-Related Industry
 - e. Career Goal
 - f. Education Goal
 - g. Quality of Personal Statement

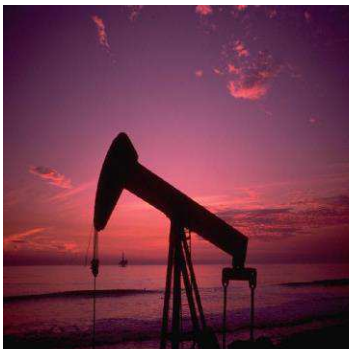
As members of the Energy Technology Cohort, Taft College will provide you with:

- Predictable and consistent scheduling of courses required to complete Energy Technology Certificate
- Tutoring and assistance as needed
- Networking and job placement assistance
- Counseling and feedback on academic progress, including strategies for overcoming barriers
- Hands-on and real-world learning activities

Energy Technology

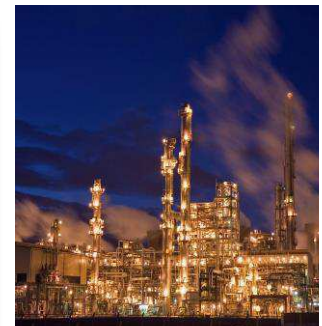


Don't just get a job, get a career!

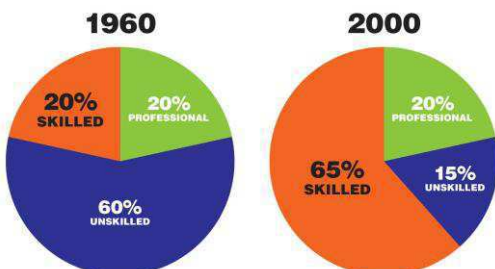


Consider these career options in energy, manufacturing, agriculture industries:

- Controls Technician
- PLC Technician
- Data Technician
- Operator
- Energy Technician/Engineering Associate or Assistant
- Geological Technician
- Production Technician
- Land Technician, etc



**THE WORKFORCE HAS CHANGED:
Will you be left behind?**



65% of the workforce requires specialized skills

Miscellaneous Facts & Figures

- ✓ A vast majority of California jobs require a high level of technical literacy and skill, but not a four-year degree.
- ✓ 83% of two-year college graduates have the same annual earnings as four-year college graduates
- ✓ California Employment Development Department expects 6.5 million new job openings to be generated in the state by 2014 — 2.5 million created by economic growth, 4 million by retiring baby boomers.



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ENERGY TECHNOLOGY PROGRAM: Course Requirement Details

This program is designed to provide training and education in technical & professional skills to enable individuals to work in the energy industry. Technicians with the education and training can provide support and assistance to engineers, geologists, and operations staff in a variety of career and job types. Skills attained will be transferrable to other related profession such as manufacturing, food processing, renewable/alternative energy fields, etc. Certificate and Associate Degree options available.

Energy Technology Certificate (Completion required for those accepted in cohort)		Associates of Science in Energy Technology (Optional for those students who complete Year 1)	
ENER 1510- Introduction to Energy	3 units	MATH 1060 (may require pre-requisites)	4 units
ENER 1530- Electricity & Electronics	3 units	ENGL 1500 (may require pre-requisites)	3 units
ENER 1620- Fundamentals of Instrumentation	3 units	HLED 1510	3 units
ENER 1630- Energy Analytics	3 units	HIST 2231/2232	3 units
ENER 1503- Environmental Compliance	3 units	Natural Science	3 units
ENER 1520- Intro to Petroleum Engineering	3 units	Social Science	3 units
ENER 1540 Fundamentals of PLC	3 units	Arts & Humanities	3 units
ENER 1610 Mechanical Systems	3 units	Electives (Restricted)	14 units
	24 units		60 units

ENERGY TECHNOLOGY PROGRAM: Course Sequence Scheduling Details*

Energy specific courses will be offered three evenings a week, typically beginning around 5pm and ending after 9pm. Energy courses will be taught by professionals currently working in industry or recently retired. General education courses for those students interested in completing their Associates Degree in the Cohort Year 2 option will have daytime, evening, and online options.

COHORT YEAR 1		COHORT YEAR 2 (Optional)		
Fall Semester	Spring Semester	Summer Semester	Fall Semester	Spring Semester
ENER 1510 (3)	ENER 1503 (3)	Social Science (3)	MATH 1060 (4)	Science (3-4)
ENER 1530 (3)	ENER 1520 (3)	Arts & Humanities (3)	ENGL 1500 (3)	HIST 2231/2 (3)
ENER 1620 (3)	ENER 1540 (3)	ET Elective (3)	ET Elective (6)	HLED 1510 (3)
ENER 1630 (3)	ENER 1610 (3)			ET Electives (3-4)
12 units	12 units	9 units	13 units	14 units

**Contingent upon enrollment minimums and available instructors.*

Energy Technology Program Contacts

Allisa Tweedy Program Assistant ATweedy@taftcollege.edu	Kristi Richards CTE Counselor KRichards@taftcollege.edu	Bryanna Bacot Workforce Assistant BBacot@taftcollege.edu	Tori Furman CTE Coordinator/Counselor TFurman@taftcollege.edu
<ul style="list-style-type: none"> Application Questions Tutoring 	<ul style="list-style-type: none"> Education Planning General Counseling 	<ul style="list-style-type: none"> Mentoring/Job Shadowing Employment/Internships 	<ul style="list-style-type: none"> Questions Concerns