



WELCOME TO THE

2019 ENGINEERING TECHNOLOGY LEADERS INSTITUTE



Cal Poly Pomona's success with attracting veterans.

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Cal Poly Pomona's success with attracting veterans.

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453 student veterans were enrolled at CPP for fall 2019

149 of them completed a survey (~33.0%)

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Transfer students; 87%
Do not work: 45%
GPA > 2.6: 89%
Engineering: 29% (highest)
Army: 33%
Marin Corps: 30%
Navy: 25%
Others : 12%

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Age: 26-36

Male: 80%

Female: 20%

Single: 53%

Hispanic: 40%

Asian: 25%

Caucasian: 20%

Full time student: 92%

Have a disability: 50%

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Student Support Services:

- Tutoring.
- Mentoring.
- Financial aid (VA and non-VA).
- Disability services.
- Counselling.
- Academic advising

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Process of course/credit evaluation:

- Preparation of courses/credits by VRC for evaluation.
- Evaluation by Registrar office (office of articulation using **TES**-Transfer Evaluation System and **ACE** evaluation)
- Evaluation by department that offers the same courses.

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An example of a military course

- Length of the teaching: **180 hours**
(a typical **3 units** lecture course in a semester is **37.5 hours** → **four –three units semester courses = 150 hours**, a **30 hours less** than a specific military course with 180 lecture hours).

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One 180 hours navy course consists of:

- **DC and AC analysis.**
- **Solid State Electronics.**
- **Operational Amplifiers.**
- **Passive and active filters.**
- **AM & FM modulation and Demodulation.**
- **Operation & repair of a military equipment.**

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- **This particular courses is equivalent to three courses in a four-year electronic/electrical program**
- **A veteran student who successfully completed this course will get at most 6 units (two courses) if an evaluator/faculty is not familiar with military courses and method of delivery in a military setting.**

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Key success factors for veteran students:

- **Highest GPA.**
- **Soonest Graduation (graduating within 2-3 years for transfer and 4-5 years for freshman)**
- **Best prepared for productive career.**
- **Best prepared for civilian life**

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Department responsibility:

Department is directly responsible only for the second item in veteran success

Soonest Graduation (graduating within 2-3 years for transfer)

Therefore, meaningful and careful military course evaluation won't delay veteran students graduation/success.

Final notes: Restriction on Community college courses won't apply to military courses.