1. Title of position: Full time Faculty – Engineering (Replacement)
2. The minimum qualifications for engineering is a master’s degree in any field of engineering. The table shows the engineering courses currently offered at Cañada College.

|  |  |  |  |
| --- | --- | --- | --- |
| ENGR 100  | Intro to Engineering | ENGR 230 | Statics |
| ENGR 111 | Surveying | ENGR 240  | Dynamics |
| ENGR 250  | Engineering Graphics | ENGR 260/261  | Circuits |
| ENGR 215 | MATLAB | ENGR 270 | Materials Science |

1. There are no proposed changes to the program at this time.
2. Since Dr. Amelito Enriquez Retired (Sept 2018) and Dr. Cheri Markt Resigned (Oct 2018) there are no fulltime engineering Faculty at Cañada.
3. There are no special regulations that require a full time faculty member.
4. How does the position support the goals of the Educational Master Plan or other strategic college plans?

The requested full-time replacement position is in alignment with the College Strategic Direction of “Teaching and Learning” and “Completion” by equipping students with the knowledge and providing the resources they need to reach their educational goals. Moreover, a full-time faculty in Engineering who has recent industry experience will be able to provide leadership towards the College’s third Strategic Direction of “Community Connections” by building and strengthening collaborative relationships and partnerships with local industry, especially in the areas of technology and innovation. A strong Engineering program also supports the fourth Strategic Direction of being “Global and Sustainable,” as Engineering is a priority for many international students.

1. Describe program review or other data that indicate a demonstrated program/service need.

FTEF has fallen recently as it has for the college as a whole. However, there is still interest in the engineering program.



8. The presence of a strong engineering program is a significant attractor of students to Cañada college, especially international students. The engineering program is a significant part of Cañada’s STEM program, and has been committed to equity. The program has shown significant reductions in equity gaps for female and minority students, and a fulltime faculty member is a key element to continuing to make progress in these areas.