

Environmental Engineering Advisory Committee Summary Notes:

On February 28th, 2017, Engineering and Environmental Science hosted a joint Advisory Committee Meeting. There were 12 people in attendance, including the hosts, Scarlet Relle and Brian Swartz. Attendees included 4 industry partners working in the environmental engineering industry, one university partner teaching at the Environmental Resources Department at CSUCI, and the rest were Moorpark faculty. Please see the attached list of attendees.

The committee was asked about their opinion and input on offering a Certificate in Environmental Engineering. The consensus was very positive indicating that there is going to be a wave of retirees in 2020-2021; as such the environmental industry will need people in the workforce trained in environmental engineering technology to perform related services.

The committee agreed upon a list of courses that should be included in an Environmental Engineering Certificate:

- 1) Introduction to Environmental Engineering and Remediation
- 2) Engineering Design/CAD
- 3) Survey with GIS - need to include flying drones and soil sampling
- 4) Environmental Chemistry with Instrumentation Lab
- 5) Solid Waste and Hazardous Waste Management
- 6) Storm Water management
- 7) Health and Safety - include regulations/tools/instruments
- 8) Regulations - bring in speakers
- 9) Technical Writing
- 10) Computer skills - Word/PP/Excel/Access