



ENGINEERS FOR A SUSTAINABLE WORLD
KAPIOLANI COMMUNITY COLLEGE

CHAPTER CONSTITUTION

FOUNDED: 2015

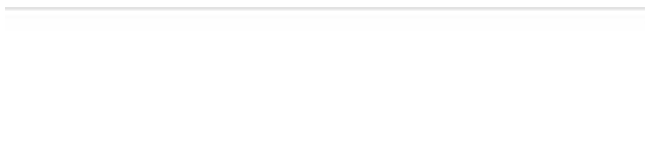


Table of Contents

Article I – Name	2
Article II – Affiliation	2
Article II - Mission & Vision Statement	2
Article IV - Code of Ethics	2
Article V - Objectives and Values	2
Article VI - Chapter Constitution	4
Article VII – Membership	4
Article VIII - Executive Officers	5
Article IX – Meetings	9
Article X – Group Projects	9
Article XI – Elections and Voting	10
Article XII – Impeachments and Resigning	10
Article XIII – Amendments	10
Article XIX – Acknowledgments	11

Revision 3.
Revision 3.1
Revision 3.14
Revision 3.141
Revision 3.1415
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Article I – Name

- 1.0 The name of this organization shall be Engineers for a Sustainable World – Kapiolani Community College (ESW-KCC).

Article II- Affiliation

- 2.0 ESW-KCC is affiliated with Engineers for a Sustainable World (ESW), an independent non-profit network based in the United States and registered as a 501(c)(3) organization.

Article III- Mission & Vision Statement

- 3.0 ESW-KCC Upholds a Collaborative Mission Statement.
 - 3.1 Engineers for a Sustainable World has a vision of a world of environmental, social and economic prosperity created and sustained by local and global collective action. ESW's mission is to forge innovative, lasting solutions to local and global sustainability challenges.
 - 3.2 Engineers for a Sustainable world – Kapiolani Community College, Hawaii Chapter was founded to actively engage Hawaii student engineers with pre-college students, University of Hawaii faculty, the local community and all STEM departments to initiate conversation on, design and implement projects of varying scope that directly address creating a more sustainable campus, local and global way of life.

Article IV- Code of Ethics

- 4.0 Engineering is an important and learned profession. As students of this profession, student engineers are expected to exhibit the highest standards of honesty and integrity. Engineering has a direct and vital impact on the quality of life for all people. Accordingly, the services provided by ESW-KCC members require honesty, impartiality, fairness, and equity, and must be dedicated to the protection of the public health, safety, and welfare. ESW-KCC members must perform under a standard of professional behavior that requires adherence to the highest principles of ethical conduct. (14.1)

Article V- Objectives and Values

- 5.0 ESW and ESW-KCC collaborative objective and values.
 - 5.1 ESW-NATIONAL was founded to:
 - 5.1.1 To forge innovative, lasting solutions to local and global sustainability challenges.
 - 5.1.2 Design and implement sustainable projects through our student and professional chapters

- 5.1.3 Educate and train individuals and organizations on sustainable policies and practices
- 5.1.4 Build a global network of communities with a shared culture of sustainability
- 5.2 ESW-KCC was founded to:
 - 5.2.1 To create a bond between the field of Engineering and Global Sustainability and share the possibilities of both, through implementation, on a local, national and global stage.
 - 5.2.2 To form long lasting relationships with campus, local, national and world members of the engineering community with a sustainability driven focus.
 - 5.2.3 Share our passion and love for the Field of Engineering and its endless possibilities to all people.
- 5.3 The objectives of ESW-KCC are to:
 - 5.3.1 Provide education with sustainable focus to future engineers.
 - 5.3.2 Provide community/campus with new ideas to promote sustainability
 - 5.3.3 Break down and invent ways past spoken language barriers in order to collaborate with global engineering students.
 - 5.3.4 Working as an organization on projects representing varying geographic scopes and engineering disciplines with diversity each semester.
- 5.4 We value:
 - 5.4.1 Progress towards a better world for all life.
 - 5.4.2 Educational and Professional development.
 - 5.4.3 Integrity before short term profits.
 - 5.4.4 Design with the highest ethical, morale and environmental values.
 - 5.4.5 Involvement in youth and humanitarian
 - 5.4.6 Value in all engineering sub-disciplines and their contributions toward our mission.

Article VI- Chapter Constitution

6.0

- 6.1 Date of Formulation: year/month/day ___2015 / 03 / 13_____
- 6.2 This article in its entirety shall be revised and approved by both ESW-KCC Chapter Faculty President and Student President on anniversary of ESW-KCC formulation.

Article VII- Membership

7.0

- 7.1 The general student membership application process should be open to all students currently enrolled as a full-time student at a University of Hawaii campus.
- 7.2 Student must receive sponsorship from (1) current member within 30 days of attendance.

- 7.3 ESW-KCC Members will be required to sponsors (1) new member with (90) days of their sponsorship.
- 7.4 Student must receive final approval from (1) Faculty or Student Board member within (120) days
- 7.5 Upon final Board approval, dues will be paid by applicants sponsor to cover cost of (1) ESW-KCC shirt.
- 7.6 All Student members will wear ESW-KCC shirt each day designated by ESW-KCC.

Article VIII-Executive Officers

8.0 Executive Board member positions shall be filled and known as:

8.1 Faculty Board Members.

8.1.1 Faculty President Board Member (1 seat)

8.1.1.1 **Dr. Aaron Hanai** x_____

8.1.2 Faculty Vice President Board Member (1 seat)

8.1.2.1 **Dr. Harry Davis** x_____

8.1.3 Faculty Executive Board Member (2 seats)

8.1.3.1 x_____

8.1.3.2 x_____

8.2 Student Board Members

8.2.1 Student President (1 seat)

8.2.1.1 **Jason D. Salseg** x_____

8.2.2 Student Vice President (1 seat)

8.2.2.1 **Geena Wann** x_____

8.2.3 Student Treasurer (1 seat)

8.2.3.1 **Yu Gong** x_____

8.2.4 Student Secretary (1 seats)

8.2.4.1 x_____

8.3 Honorary Board Member (1 seat)

8.3.1.1 x _____

8.4 To be eligible for an Executive Position:

8.4.1 Student and Faculty Board members must be actively enrolled as a full-time student, teacher or faculty at a University of Hawaii school or employed as a working Engineer in the state of Hawaii.

8.4.2 Voted on and approved by majority of Faculty and Student Board Members within (30) days of request.

8.4.3 Student Board Members shall maintain a 3.0 GPA.

8.4.4 Student Board Members shall be currently enrolled in a minimum of (8) STEM credits in UH School System.

8.4.5 Exceptions will be made to requirements (8.4.1), (8.4.3) and (8.4.4) contingent on majority vote approval of Faculty Executive Board Members and Student Executive President.

8.4.6 Honorary board members must be unanimously voted for by all Faculty and Student Board Members.

8.5 Term of Office:

8.5.1 A term of office for Faculty and Student President will consist of (2) school semesters or (1) semester and (1) summer break term.

8.5.2 A term of office for Faculty and Student Vice-President will consist of (2) school semesters or (1) semester and (1) summer break term.

8.5.3 A term of office for executive board members will consist of (1) school semester or (1) summer break term.

8.5.4 A term of office for Honorary Board Member will consist of (1) semester.

8.6 Duties and responsibilities of the executive board should reflect a passion for Engineering, Sustainability and the importance of engineering a sustainable Hawaii.

8.7 **Faculty President (1 seat) and Student President (1 seat)**

8.7.1 The Faculty and Student President will represent ESW-KCC. Duties will include but are not limited to:

8.7.2 Actively seek new potential members and promote ESW-KCC and its values, morals and Mission.

- 8.7.3 Actively seek to sponsor applicants and strategically integrate their strengths or weaknesses into groups that will benefit them and ESW-KCC mission.
- 8.7.4 Promote a healthy, enthusiastic, positive and supportive work environment at all ESW-KCC events, meetings and gatherings.
- 8.7.5 Participation in all KCC sponsored sustainability and engineering events.
- 8.7.6 Actively seeking sponsorship, funding and materials.
- 8.7.7 Participation in community Hawaii school youth outreach programs for the STEM field at K-12 events and summer school programs.
- 8.7.8 Attendance at national ESW sponsored events when applicable (voted for and based on chapter funds).
- 8.7.9 Attendance and representation at KCC Sustainability and STEM board meetings.
- 8.7.10 Actively solving ESW-KCC logistical barriers with student projects.
- 8.7.11 Facilitate all ESW-KCC meetings.
- 8.7.12 Facilitate voting on student project decisions
- 8.7.13 Organize and communicate project priorities.
- 8.7.14 Student President will assist in all Faculty Presidents regular school curriculum duties when needed or requested.

8.8 Faculty Vice-President (1 seat) and Student Vice President (1 seat)

- 8.8.1 The Vice President will be responsible for assisting Faculty and Student President. Duties will include:
- 8.8.2 Assisting in all KCC sponsored sustainability events.
- 8.8.3 Assisting in all KCC Engineering events.
- 8.8.4 Assisting in community outreach programs for the STEM field at K thru 12 events and summer school programs.
- 8.8.5 Assisting in seeking sponsorship, funding and materials.
- 8.8.6 Assisting solving logistical barriers with operations.

8.9 Student Treasurer (1 seat)

- 8.9.1 The Treasurer will be responsible for the handling of all funds associated with ESW.
- 8.9.2 Assuring that all funds are accurately accounted for and managed in a manner of that of a **professional not-for-profit organization**.

8.9.3 All profits, revenue, patents, materials, gifts, donations and product generated by ESW-KCC projects and fundraising is property of ESW-KCC.

8.9.4 Student Treasurer will be responsible for preparing Profit and Loss Statement quarterly and presenting report at monthly board meeting.

Responsible for Communication and publicizing:

8.9.4.1 The source of all donations of funds, resources and materials will be made voted upon by board members prior to acceptance.

8.9.4.2 The source of all donations funds, resources and material will be made public in ESW-KCC press and board meeting immediately prior and following acceptance or denial of gift(s).

8.9.4.3 Composing, communicating and distributing detailed and accurate monthly financial statements to all Board Members.

8.10 Student Secretary (1 seat)

8.10.1 The Secretary will be responsible for the marketing, advertising and legal documentation. Duties include:

8.10.2 Preparing only and all material requested by board members in accordance with rules and laws set by University of Hawaii, KCC, ESW and ESW-KCC in regards to their name, logo and distribution of material.

8.10.3 Ensuring all KCC-ESW Files, Drawings, Administration and Daily Work Paperwork is properly backed up and maintained in a safe and accessible location to all Board Members.

8.11 Faculty Executive Board Members (2 seats)

8.11.1 Will act as project leader when chosen by Faculty or Student President.

8.11.2 Will act as project leader a minimum of (1) time per year.

8.11.3 Will participate in a minimum of (12) logged hours per year STEM outreach to grades K-thru 12.

8.11.4 Will attend all ESW-KCC monthly meetings.

8.11.5 Will attend a minimum of (1) ESW-KCC weekly meeting per month.

8.11.6 Will assist in Summer STEM programs on an as needed basis.

Article IX – Meetings

- 9.0 General Weekly, Monthly Board and Semester Board Meetings:
 - 9.1 General Weekly Meetings:
 - 9.1.1 All ESW-KCC General meetings are open to Members, Sponsee's and Applicants.
 - 9.1.2 General Weekly Meetings will be held year round.
 - 9.1.3 A minimum of 1 general weekly meeting will held each week.
 - 9.1.4 General weekly meetings will be held at pre-determined time and place.
 - 9.1.5 Meeting will be held at same time and day each week thereafter during traditional Fall and Spring Semesters.
 - 9.1.6 Summer weekly meetings will be held at pre-determined time and place.
 - 9.2 Monthly Board Meeting:
 - 9.2.1 A monthly board meeting will be held immediately following last general weekly meeting of the month.
 - 9.2.2 Monthly board meeting is open to all Board Members and Members.
 - 9.3 Semester Term Board Meeting:
 - 9.3.1 Meeting will be held the first week of each semester.
 - 9.3.2 Meeting time and place will be pre-determined.

Article X – Group Projects

- 10.0 ESW-KCC will projects will represent diversity in scope, team members and length.
 - 10.1 There will be (1) team assigned to (1) project.
 - 10.1.1 Team Structure will be determined **only** by Student and Faculty President.
 - 10.1.2 Each Team will include at least (1) Student Board Member, (1) Faculty Board Member.
 - 10.1.3 Teams will be made up of equally distributed Members based on Undergraduate level.
 - 10.1.4 Teams will be restructured each semester or at completion of project.
 - 10.2 There will be a minimum of (3) active projects at any given time.
 - 10.2.1 Each active project will be assigned with a KCC campus, local, or national initiative and goal assigned to it at any given time.
 - 10.2.2 Campus projects will be in (1) semester durations.
 - 10.2.3 Local Projects will be in (2) semester durations.

- 10.2.4 National Projects will be in (2) semester and (1) summer term durations.
- 10.3 All completed projects will have an internal environmental impact and assessment done and made public in regards to its purpose of use.

Article XI - Elections and Voting

11.0

- 11.1 Elections will be held on the first week of each school semester.
- 11.2 Board Elections will be held on the week of ESW-KCC anniversary as listed in section 6.1.

Article XII - Impeachment and Resigning

12.0 –

12.1 -

Article XIII - Amendments

13.0 The ESW-KCC Manifesto

- **If it's Broken, Fix it!** Because everyday practical problem solving is the most beautiful form of creativity there is.
- If it's not broken, **improve it**. A small clever tweak can improve how something works for years to come.
- **Use your Brain and your Back!** A strong mind and body are tools to value.
- **Do the math: sketch, plan, and calculate.** Most things obey the laws of physics.
- **Give your products a longer life.** If we double the life of our stuff, we half what goes to landfill.
- Engineering means **freedom and independence**. As an engineer you don't need to worry about wear and tear, nothing stays new forever.
- **Resist trends and needless upgrades.** They fuel our throwaway culture.
- Don't let companies treat you as a passive consumer. Everytime we spend money we vote for the kinds of products we want to see succeed. **Buy products that can be repaired.**

- **A fixed thing is a beautiful thing.** Every repair, whether skillful or improvised holds a story.
- If you have an idea, start small and go from there. **If it's right it will succeed.**
- **Nurture your curiosity.** Keep trying things you've never tried before. **Don't be afraid to fail.**
- **Disposability is a choice, not physical characteristic.** Plastics aren't evil, but were using them wrong. Treat them with respect.
- Our **questions fuel our work**, so question everything!
- **Share your ideas, your enthusiasm and your skills.** If you've found joy in engineering, pass it on. **It is a gift for life.** (14.2)

Article VIX – Acknowledgments

14.0 -

14.1 National Society of Professional Engineers, *Code of Ethics*

14.2 Inventors of Sugru, *Fixers Manifesto*