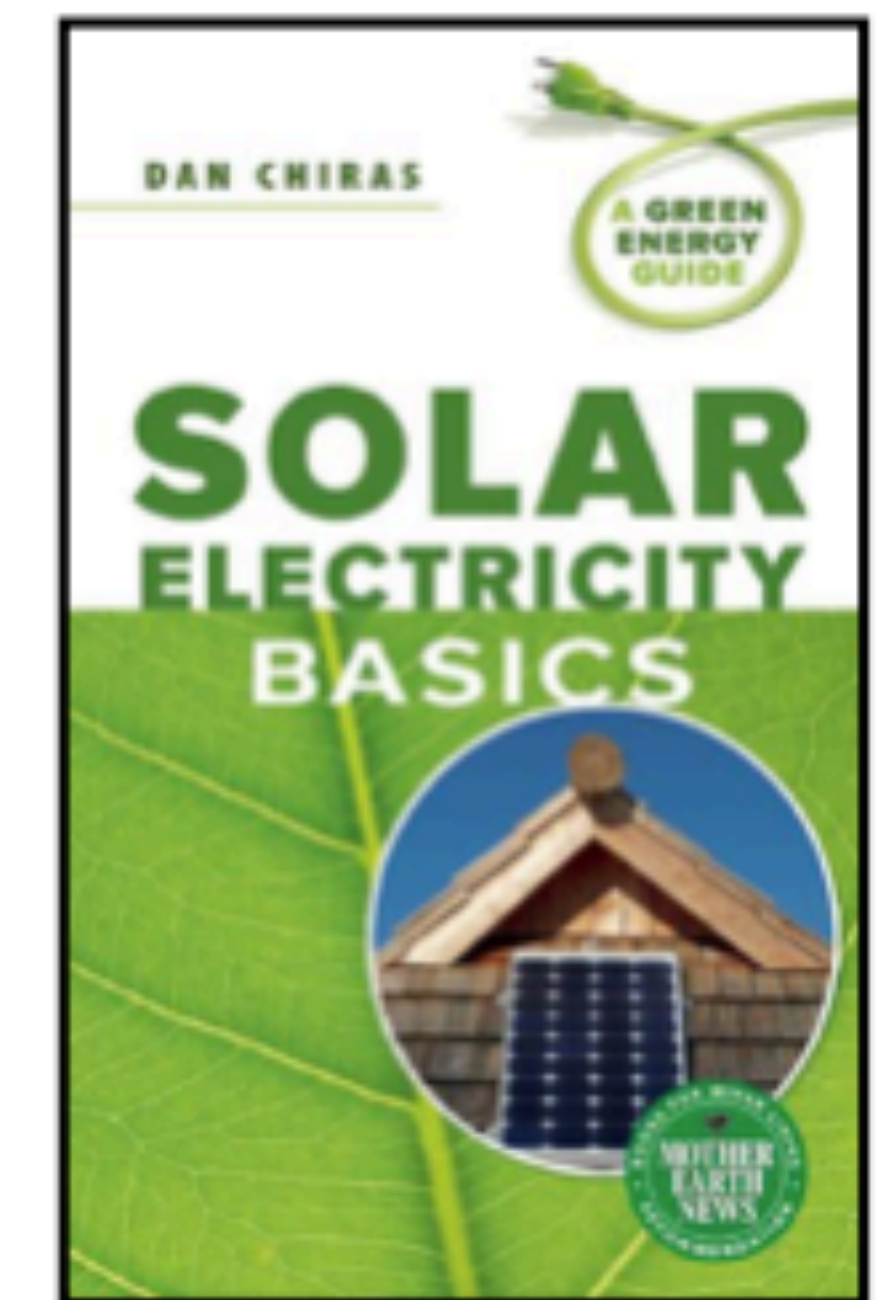




# Proposal for a new Technical Elective Class; Emerging Trends In Construction: Solar Construction

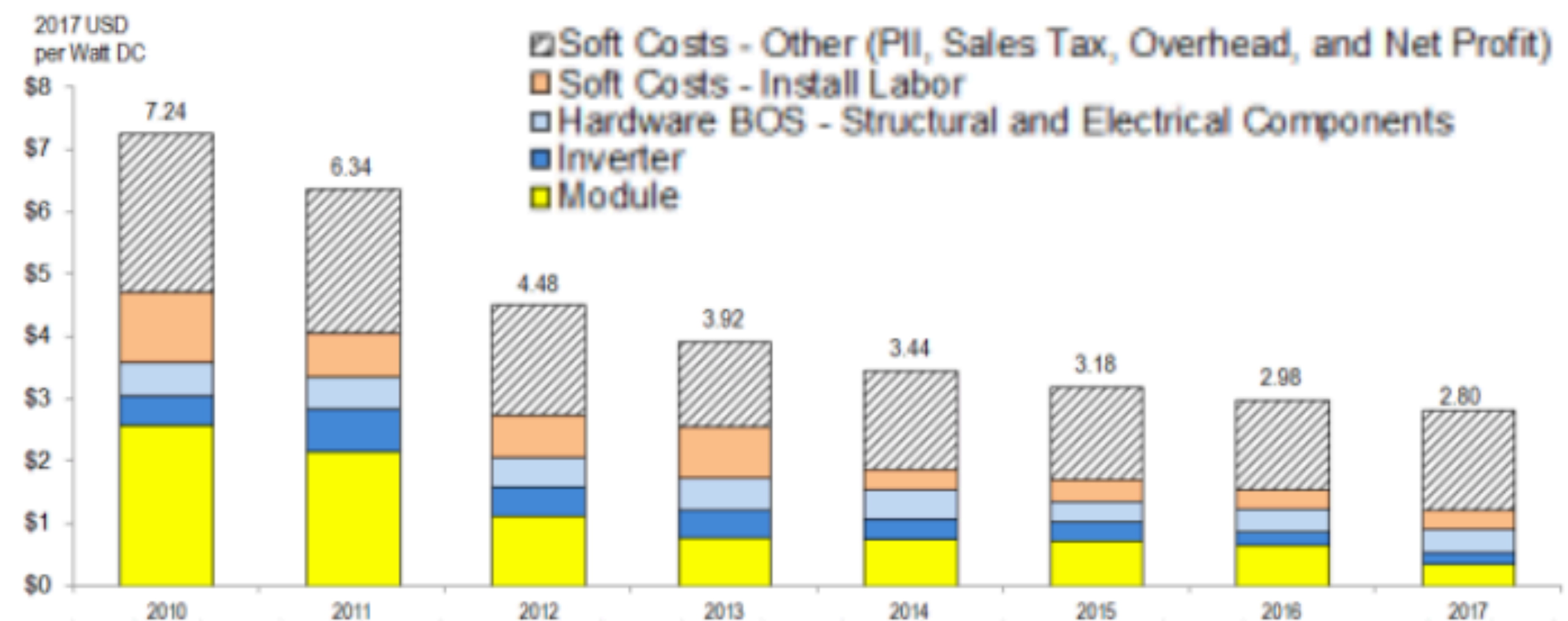
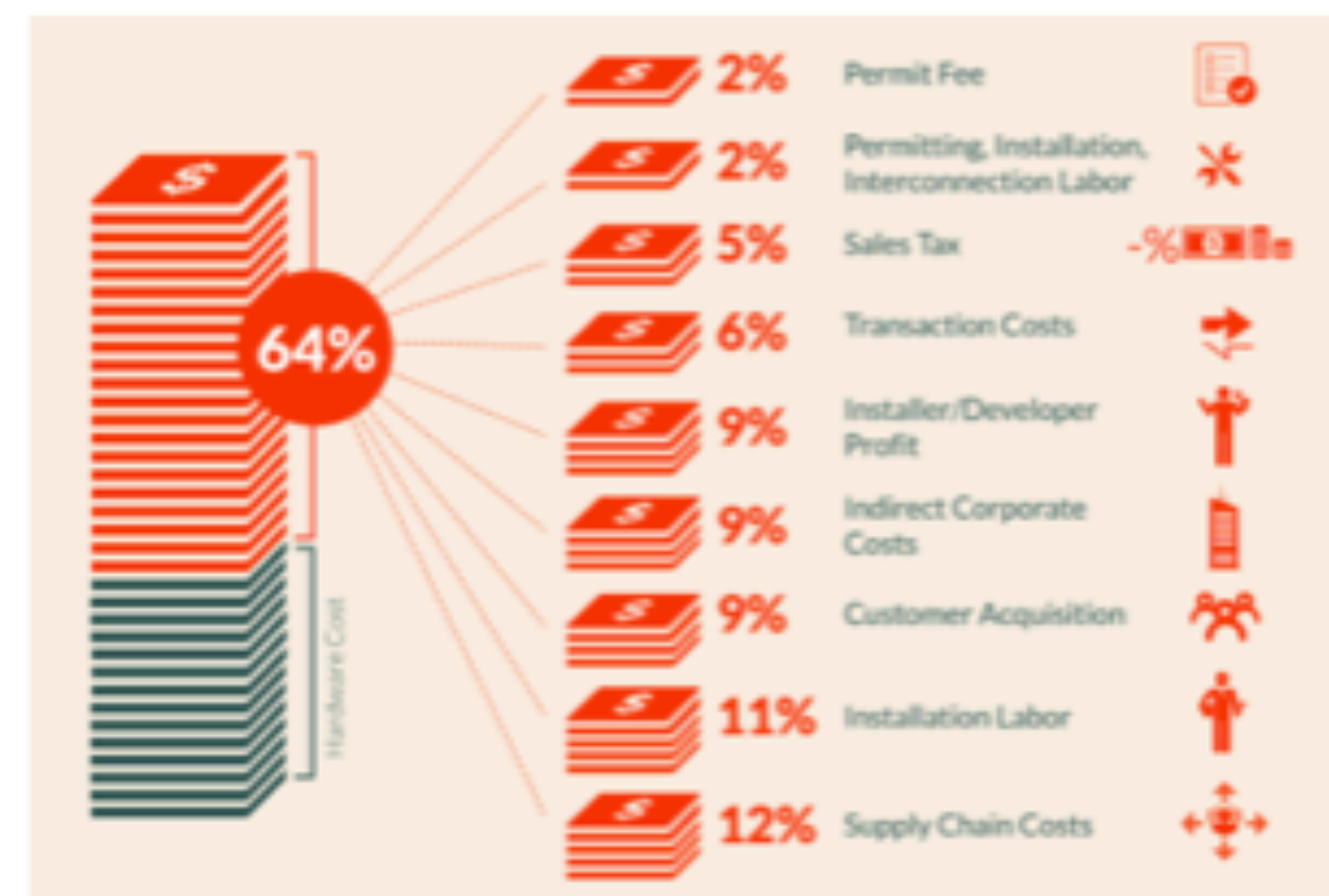
The Cal Poly Construction Management program consistently produces some of the industries most prepared and well rounded graduates of any construction engineering program. In order to keep this as true, the curriculum consistently needs to be updated to provide up-to-date courses for it's students to learn about emerging trends in the industry. Speaking with members of the electrical subcontracting trade, and with Specialties teacher Joe Cleary, I determined a need for a course which discusses methods and prevalent information in the solar industry. Over the past decade, solar construction has become a large facet of the electrical industry, and most projects nationwide have some involvement in green energy. This course offers a background about the technology that makes solar energy generation possible, along with the steps to estimating, designing, financing, and building out a solar project.



Key Words: solar, green energy, power generation, photovoltaic



## Solar Cost Breakdown by %



Price of Solar (\$/Watt) from 2010 to 2017