

## Electrical and Computer Engineering Technology

Figure 1 –ABET Student Outcomes 2016 /2017

<b>a</b>	an ability to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined engineering technology activities
<b>b</b>	an ability to select and apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies;
<b>c</b>	an ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments; and to apply experimental results to improve processes;
<b>d</b>	an ability to design systems, components, or processes for broadly- defined engineering technology problems appropriate to program educational objectives;
<b>e</b>	an ability to function effectively as a member or leader on a technical team
<b>f</b>	an ability to identify, analyze, and solve broadly-defined engineering technology problems;
<b>g</b>	an ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature
<b>h</b>	an understanding of the need for and an ability to engage in self- directed continuing professional development;
<b>i</b>	an understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity;
<b>j</b>	a knowledge of the impact of engineering technology solutions in a societal and global context
<b>k</b>	a commitment to quality, timeliness, and continuous improvement

