



# Standard High School Diploma Sequential Electives in TECHNOLOGY EDUCATION

Landstown High School & Technology Academy

2008-2009

6 PROGRAMS of STUDY



Communication Technology	Technical Design & Illustration	Physics of Technology	Production Technology	Control Technology	Pre-Engineering
<p>Photography &amp; Printing* (sem-½ c) TE#8415 <b>and</b> Computers &amp; Communication Technology* (sem-½ c) TE#8418 <b>then</b> Graphic Communication TE#8458 <b>or</b> Geospatial Technology TE8423</p> <div style="background-color: yellow; border: 1px solid black; padding: 5px; text-align: center;"> <p><b>NOCTI Certification Exam Verified Credit</b></p> </div> <p style="text-align: center;"><b>Must take 3 courses</b></p> <p>*Prerequisites for Graphic Communications and Geospatial</p>	<p>Basic Technical Drawing* TE#8435 <b>and</b> Engineering Drawing TE#8436 <b>or</b> Architectural Drawing TE#8437 <b>then</b> Digital Visualization TE#8459</p> <div style="background-color: yellow; border: 1px solid black; padding: 5px; text-align: center;"> <p><b>AutoCAD Certification Exam Verified Credit</b></p> </div> <p style="text-align: center;"><b>Must take 3 courses</b></p> <p>*Prerequisite for either second year course</p>	<p>Materials Technology I (sem-½ c) TE#8433 <b>and</b> Materials Technology II (sem-½ c) TE#8478 <b>then</b> Physics of Technology I* TE#9811 <b>and</b> Physics of Technology II* TE#9812 <b>then</b> Technical IT Support (Senior Design) TE#8470 <b>Must take 3 courses</b></p> <p>*2 Credits Yield: 1 elective 1 science</p>	<p>Basic Technical Drawing TE#8435 <b>and</b> Materials Technology I (sem-½ c) TE#8433 <b>and</b> Materials Technology II (sem-½ c) TE#8478 <b>then</b> BioEngineering (academy) TE#8469</p> <div style="background-color: yellow; border: 1px solid black; padding: 5px; text-align: center;"> <p><b>AutoCAD Certification Exam Verified Credit</b></p> </div>	<p>Electricity/Electronics Technology I* TE#8411 <b>and</b> Electronics II &amp; Computer Maintenance TE#8412 <b>and</b> Robotics (academy) SC4470 <b>then</b> Technical IT Support (Senior Design) TE#8470</p> <div style="background-color: yellow; border: 1px solid black; padding: 5px; text-align: center;"> <p><b>NOCTI Certification Exam Verified Credit</b></p> </div> <p style="text-align: center;"><b>Must take 3 full credits</b></p> <p>*Prerequisite for Electronics II</p>	<p>Basic Technical Drawing* TE#8435 <b>and</b> Introduction to Engineering TE#8490 <b>and</b> Advanced Engineering TE#8492 <b>then</b> Technical IT Support (Senior Design) TE#8470</p> <div style="background-color: yellow; border: 1px solid black; padding: 5px; text-align: center;"> <p><b>AutoCAD Certification Exam Verified Credit</b></p> </div> <p style="text-align: center;"><b>Must take 3 full credits</b></p> <p>* Basic Tech Drawing can be used in meeting the 3 credit requirement</p>

**Two full years in any Tech Ed program of study will meet SOQ Code of Virginia #22.1-253.13:3.B.2 (sem-1/2 c) semester-half credit course**