

**CURRICULUM MAP
ADVANCED COMPUTER TECHNOLOGY**

| Weeks 1-3 | Weeks 4 -6 | Weeks 7-9 | Weeks 10-12 | Weeks 13-15 | Weeks 16-18 |
|--|--|---|--|--|--|
| <ul style="list-style-type: none"> • Develop an understanding of web pages (purpose, methods of delivery, creation). • Develop skill in the use of HTML to create web pages. • Learn to use basic HTML tags. • Learn to understand and adhere to HTML standards. • Develop an awareness of alternative browsers. • Develop skill in placing images and hyperlinks in web pages. • Develop an awareness of multiple on-line resources references and tutorials for web technologies. <p>Credit - 1.0 Prerequisites - Introduction to Computers Double-block One Semester</p> | <ul style="list-style-type: none"> • Enhance skill in the use of HTML to create web pages. • Develop skill in editing existing pages to maintain the school web site. • Develop skill in creating original artwork for use on web pages. • Develop an awareness of the differences in the supported graphic formats for web pages. • Develop skill in using a digital camera and scanner to create digital images. • Develop skill in the maintenance of networked computer systems. | <ul style="list-style-type: none"> • Enhance skill in the use of HTML to create web pages. • Develop skill in creating image maps. • Develop skill in creating images with transparent background. • Develop skill in creating animated graphics. • Develop an awareness of features of modern e-mail systems. • Develop skill in creating and managing e-mail messages • Develop an awareness of e-mail netiquette and responsibility. • Develop skill in the use of frames for the creation of web pages. • Enhance skills in the maintenance of networked computer systems. | <ul style="list-style-type: none"> • Enhance skill in the use of HTML to create web pages. • Develop the use of the style tag with classes. • Develop skill in using style cascading sheets in web pages. • Develop skill in the creation and use of web forms. • Develop skill in the creation of databases • Develop skill in the creation of web-based and non web-based tutorials. • Enhance skills in the maintenance of networked computer systems. | <ul style="list-style-type: none"> • Enhance skill in the use of HTML to create web pages. • Develop skill in using a scripting language to create dynamic web pages. • Enhance skills in the maintenance of networked computer systems. • Develop skill in the diagnosis of computer hardware problems. • Develop an awareness of emerging trends in computer technology. • Develop an awareness of the hardware components of a computer system. • Develop skill in the assembly of components to build and/or upgrade a computer system. | <ul style="list-style-type: none"> • Enhance skill in the use of HTML to create web pages. • Enhance skills in the maintenance of networked computer systems. • Develop skill in the configuration of system software. <p style="text-align: right;">11/15/05</p> |

Throughout this course - students will build an enhanced vocabulary related to computer technology