

**Advanced Computer Applications Blueprint
Technology Assessment
Semester 2**

FUNDAMENTAL OPERATIONS AND CONCEPTS TE-C1A2 Students understand the operations and function of technology systems and are proficient in the use of technology.		# of Ques
TE-C1A2-01 Communicate about technology using developmentally appropriate and accurate terminology	PO 1. Identify basic vocabulary related to technology PO 2. Identify basic vocabulary related to systems	4-8

SOCIAL, ETHICAL AND HUMAN ISSUES TE-C2A2 Students understand the social, ethical and human issues related to using technology in their daily lives and demonstrate responsible use of technology systems, information and software.		# of Ques
TE-C2A2-04 Demonstrate knowledge of current changes in technologies and the effect those changes have on the workplace and society	PO 2. Describe the impact of technology use on individuals at home and in the workplace	0-4

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TECHNOLOGY PRODUCTIVITY TOOLS TE-C3A2 Students use technology tools to enhance learning, to increase productivity and creativity, and to construct technology-enhanced models, prepare publications and produce other creative works.		# of Ques
<p>TE-C3A2-05 Use a variety of technology tools for data collection and analysis</p> <p><i>See: Mathematics (2M-E1-E3) and Social Studies (1SS-E8, PO 1)</i></p>	<p>PO 2. Use advanced features of spreadsheets to analyze data</p> <ul style="list-style-type: none"> • manage lists of data • use advanced formulas and functions • format charts and graphs • import and export data • set print options 	12-16

TECHNOLOGY AS A TOOL FOR PROBLEM SOLVING AND DECISION MAKING TE-C6A2 Students use technology to make and support decisions in the process of solving real-world problems. <i>Note: Problem solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience. See: Science 3SC in its entirety and Workplace Skills 3WP in its entirety</i>		# of Ques
<p>TE-C6A2-06 Determine when technology is useful and select and use the appropriate tools and technology resources to solve problems</p>	<p>PO 1. Based on a problem selected by the student, identify and use appropriate technology tools to</p> <ul style="list-style-type: none"> • collect data • organize data • analyze data • interpret data • develop a solution to the problem • present findings 	4-8