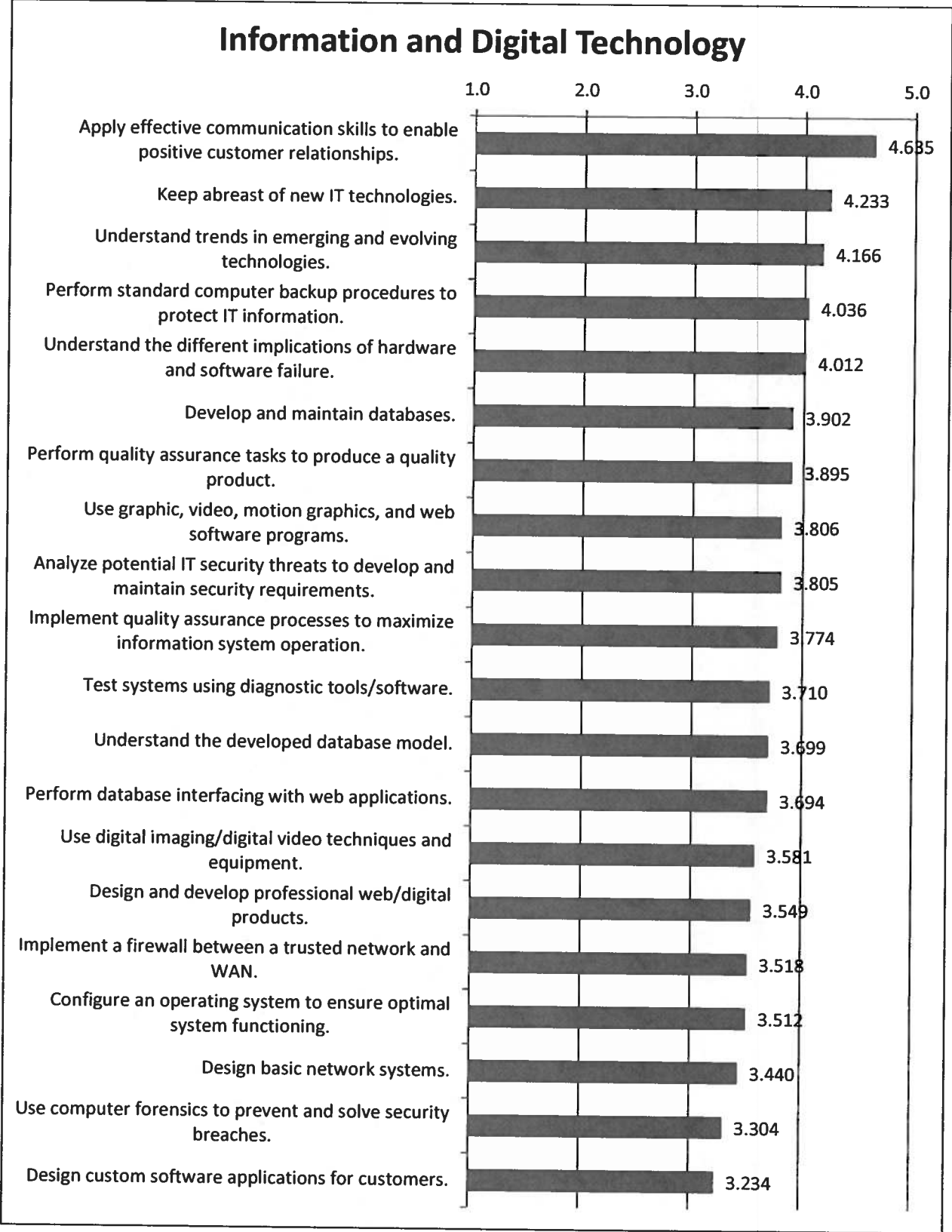


II. Information and Digital Technology



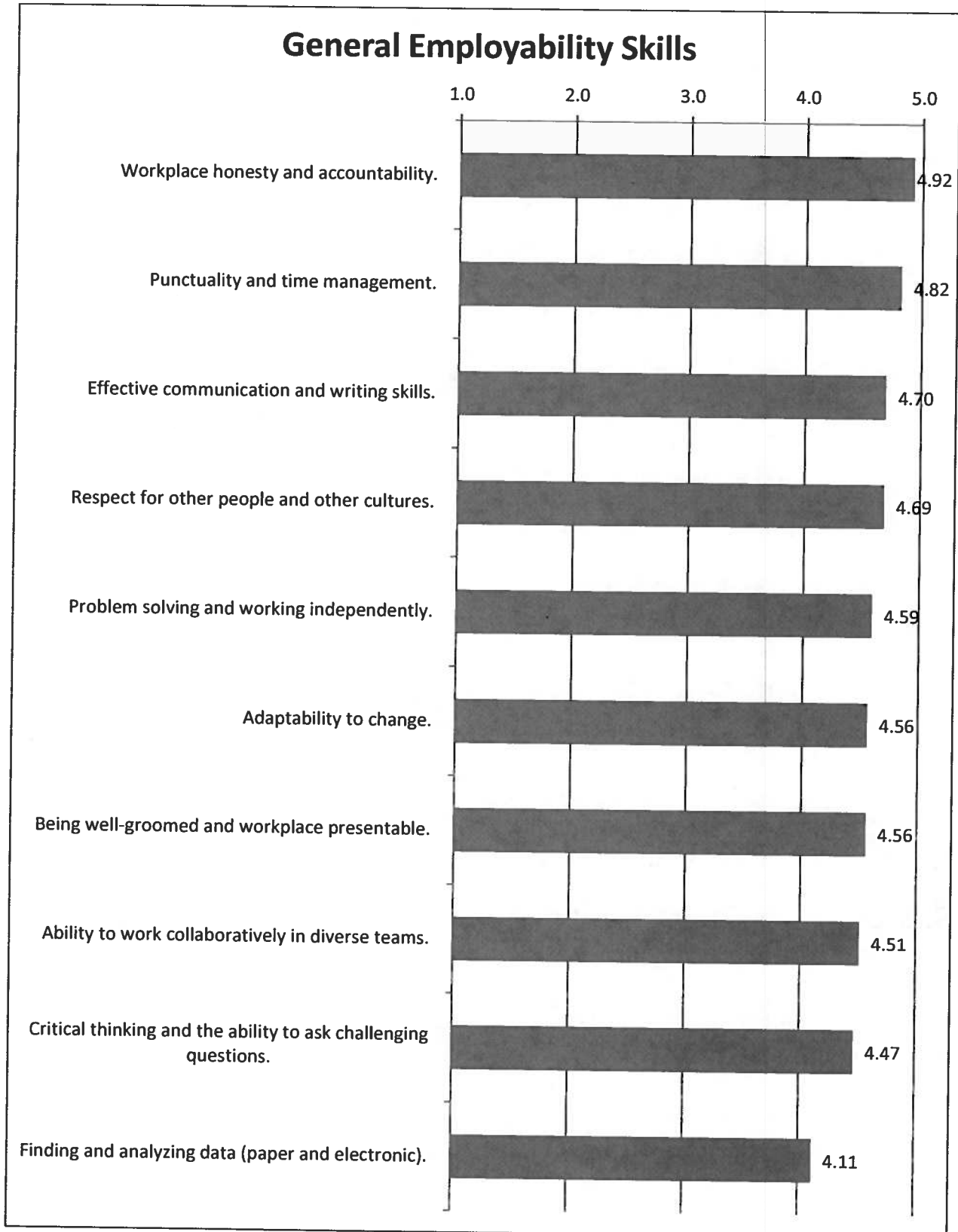
Information and Digital Technology

Skill/Knowledge Set	Mean	Minimum	Maximum	Mode	Standard Error of Mean	Valid N
Apply effective communication skills to enable positive customer relationships.	4.635	1	5	5	.045	249
Keep abreast of new IT technologies.	4.233	1	5	5	.066	249
Understand trends in emerging and evolving technologies.	4.166	1	5	5	.066	247
Perform standard computer backup procedures to protect IT information.	4.036	1	5	5	.078	247
Understand the different implications of hardware and software failure.	4.012	1	5	5	.074	247
Develop and maintain databases.	3.902	1	5	5	.072	246
Perform quality assurance tasks to produce a quality product.	3.895	1	5	5	.079	247
Use graphic, video, motion graphics, and web software programs.	3.806	1	5	5	.073	247
Analyze potential IT security threats to develop and maintain security requirements.	3.805	1	5	5	.083	251
Implement quality assurance processes to maximize information system operation.	3.774	1	5	5	.081	248
Test systems using diagnostic tools/software.	3.710	1	5	5	.084	248
Understand the developed database model.	3.699	1	5	5	.080	249
Perform database interfacing with web applications.	3.694	1	5	4	.078	248
Use digital imaging/digital video techniques and equipment.	3.581	1	5	5	.079	248
Design and develop professional web/digital products.	3.549	1	5	4	.079	246
Implement a firewall between a trusted network and WAN.	3.518	1	5	5	.089	247
Configure an operating system to ensure optimal system functioning.	3.512	1	5	5	.085	248
Design basic network systems.	3.440	1	5	4	.087	248
Use computer forensics to prevent and solve security breaches.	3.304	1	5	4	.086	250
Design custom software applications for customers.	3.234	1	5	4	.086	248

Suggested Additional Skills and Other Responses

applied computer skills
Reading/Writing/Developing programs
Develop mobile applications
Understanding Cloud Based systems
Work with various software design methodologies
Education for Information Technology in Healthcare must be targeted to applications like EMR and large systems designed for use in this specific industry. Candidates must have personal experience in the Healthcare Industry to be successful.
Develop algorithms to solve a problem
Problem Identification, Isolation, and Resolution
What is or is not an appropriate to access on an office workstation
Understanding data structures
analyze Lincoln's Second Inaugural Address
Study of Algorithms
Understanding, writing mobile programming applications
Write programs that are platform agnostic
Understand Trends of Client/Server based systems
Understand industry best practices
Write programs according to specifications
Prioritize tasks based on Employer's desires
Understand concepts around data modeling and rapid prototyping
analyze Letter from Birmingham Jail
Programming skills
Analyzing problem specifications & creating appropriate algorithms to solve problem
Understand movement away from Wired Technology to Wireless
Write programs working with collections
analyze The Law by F. Bastiat
Mobile Technologies

I. General Employability Skills



General Employability Skills

Skill/Knowledge Set	Mean	Minimum	Maximum	Mode	Standard Error of Mean	Valid N
Workplace honesty and accountability.	4.92	1	5	5	.009	2173
Punctuality and time management.	4.82	1	5	5	.011	2172
Effective communication and writing skills.	4.70	1	5	5	.014	2179
Respect for other people and other cultures.	4.69	1	5	5	.015	2169
Problem solving and working independently.	4.59	1	5	5	.015	2163
Adaptability to change.	4.56	1	5	5	.015	2179
Being well-groomed and workplace presentable.	4.56	1	5	5	.016	2178
Ability to work collaboratively in diverse teams.	4.51	1	5	5	.017	2180
Critical thinking and the ability to ask challenging questions.	4.47	1	5	5	.016	2172
Finding and analyzing data (paper and electronic).	4.11	1	5	5	.021	2175

Suggested Additional Skills and Other Responses	Frequency
Creativity	19
Ability to learn new skills or improve upon skills	22
Other	23
Leadership skills & ability to follow directions	44
Flexibility	55
Adhere to workplace ethics & rules (Being responsible)	99
Communication, Cooperation, Collaboration	120
Attitude (positive, take initiative, motivated, etc.)	121
Being effective and efficient	129
Competent in necessary skills	217