

COURSE TO CAREER PATHWAY

ACCOUNTING

COURSE DESCRIPTION



Computer Based Accounting Systems | Cost Accounting | Auditing

AC 315. AC 321. AC 451.

Study of computer-based accounting and utilization of technology in accounting information systems.

Includes Excel, Peachtree, and other specialized software. Topics include flowcharting, strengthening internal controls, and processing financial information.

Basic principles of cost accounting as applicable to job order and process cost accounting systems, emphasizing managerial aspects.

Auditing theory and practice, professional ethics, working papers, financial statements and report writing.

COURSE TO CAREER ATTRIBUTES

Competencies

Analyze, Decide, and Overcome (Analytical and Critical Thinking)

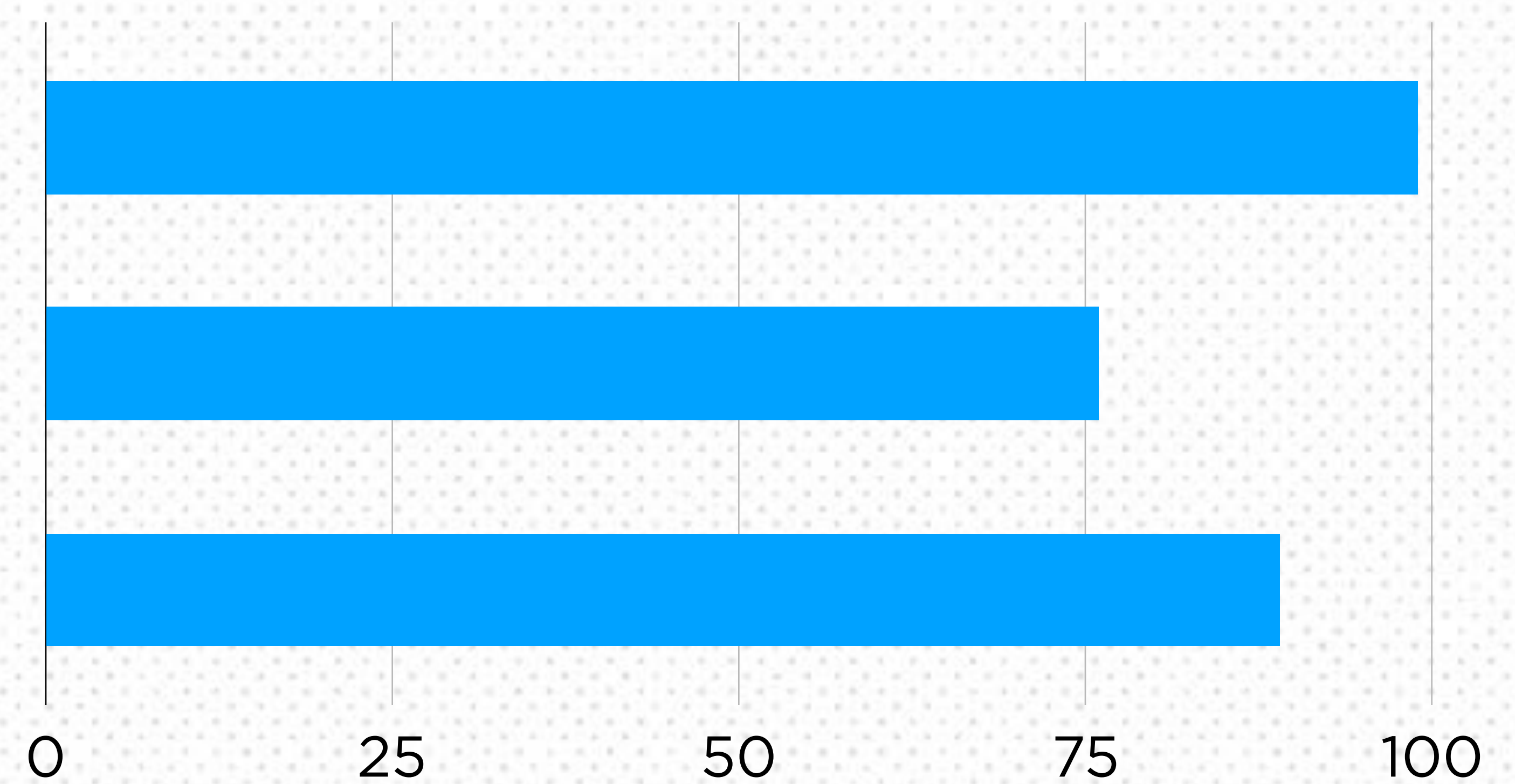
Tackle problems by using logical, systematic, sequential approaches. Exercise sound reasoning to analyze issues, makes decisions, and overcomes problems.

Command an Audience (Oral/Written Communications)

Express yourself clearly in conversations, interactions with others and in business writing.

Prepare, Plan, and Organize (Planning and Organizing)

Establish courses of action for self and others to ensure that work is completed efficiently.



Professional Values

Getting Things Done

Action-oriented and motivated by hard work and determination to get things done, the classic “doer” who can be counted on.

Seeing the Big Picture

Capacity to see the big picture and develop logical and effective strategies to manage and advise.

Fostering Curiosity

Seek out underlying reasons why things happen and investigate and solve complex problems.




PROJECTED JOBS (2014-2024) | GROWTH

498,000 | Much faster than average (14% or higher)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES

 Hot Job Title

-  **Junior Accountant at KMPG**
 - Public accounting firms
- Corporate Accountant at Mercedes-Benz U.S.**
 - Large companies, Government agencies, Staffing and employment services, or Large non-profit organizations

IF YOUR STUDENTS WANT TO LEARN MORE ABOUT THIS CAREER, INFORM THEM TO #[checkTheWhether](#).

COURSE TO CAREER PATHWAY

BIOLOGY

COURSE DESCRIPTION



Medical Ethics | Human Anatomy and Physiology | Plant Biodiversity

BY 204. BY 231. BY 413.

An introduction to medical ethics in which basic ethical systems and principles of ethical reasoning will be explored in the context of medical situations.

Gross and microscopic anatomy and functions of the integumentary, skeletal, nervous, and muscular systems of the human body.

Evolution, morphology, anatomy, reproduction, and classification of land plants (bryophytes, ferns, fern allies, gymnosperms, flowering plants and fossil lineages).

COURSE TO CAREER ATTRIBUTES

Competencies

Value Social/Cultural Equality (Intercultural Fluency / Valuing Diversity)

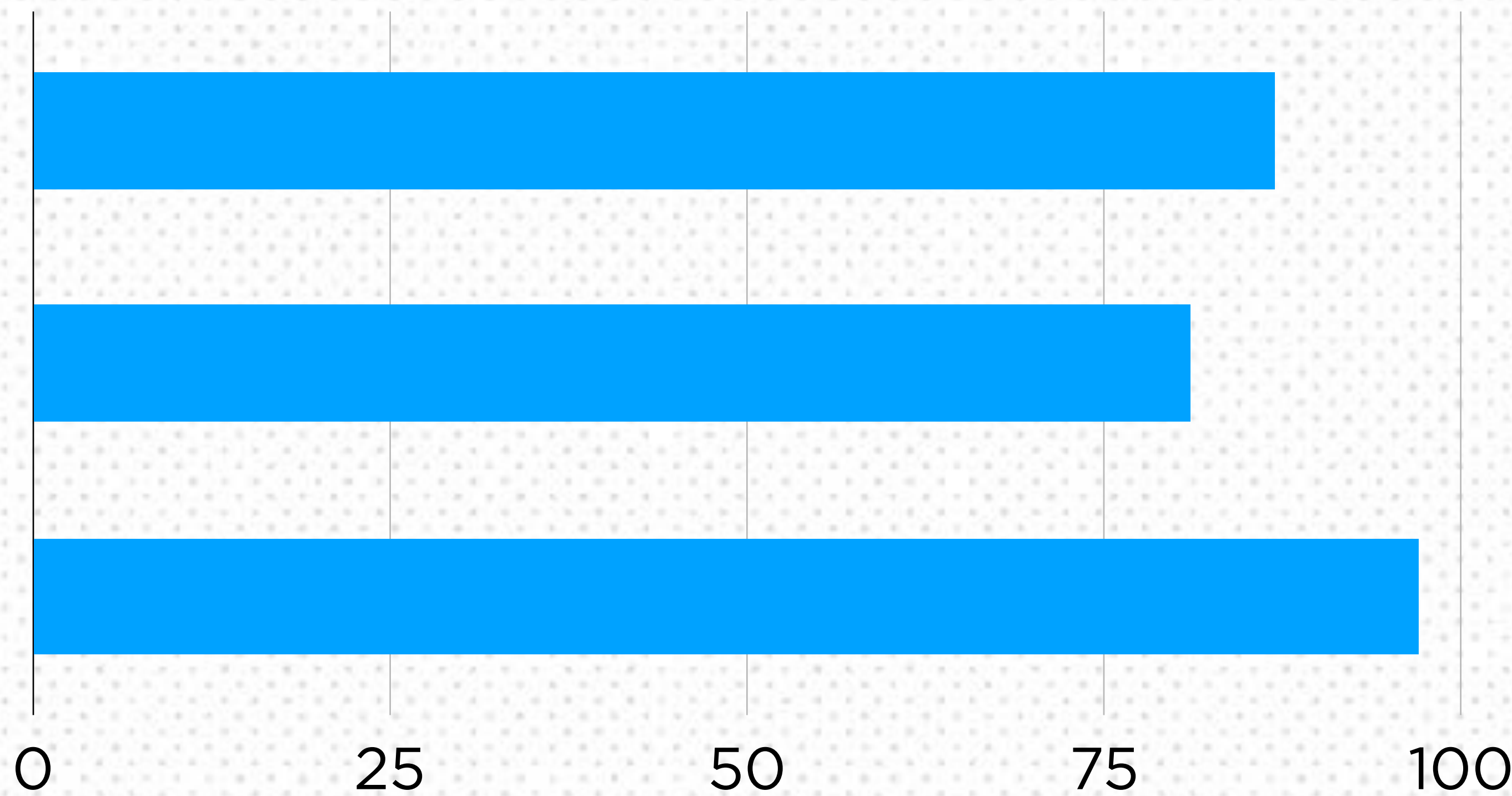
Appreciate the capabilities, insights, and ideas of all individuals; work effectively with people of diverse style, ability, and motivation.

Be on the Cutting Edge (Adaptability / Managing Change)

Maintain effectiveness when experiencing major changes in work tasks or the work environment.

Apply Key Learnings (Applied Learning)

Assimilate and apply new job-related information in a timely manner.



Professional Values

Motivating Others

Enthusiasm and motivation to share excitement with others, often get people to enjoy the moment.

Helping People

Compassionate, service oriented and responds to the developmental needs of those around them.

Effecting Change

Care about things that affect society, create change and influence opinions toward the common good.



PROJECTED JOBS (2014-2024) | GROWTH

102,500 | Much faster than average (14% or higher)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES

Researcher at NSA

- Industry and laboratories: pharmaceutical, healthcare, agriculture, food processing and safety, or environmental



Biologist Medical Health Center

- Group or private practices

Biology Teacher at University of Alabama

- Colleges and universities



Hot Job Title

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COURSE TO CAREER PATHWAY

COMPUTER INFORMATION SYSTEMS

COURSE DESCRIPTION



Microcomputer Applications | Information Security

CS 205. CS 390.

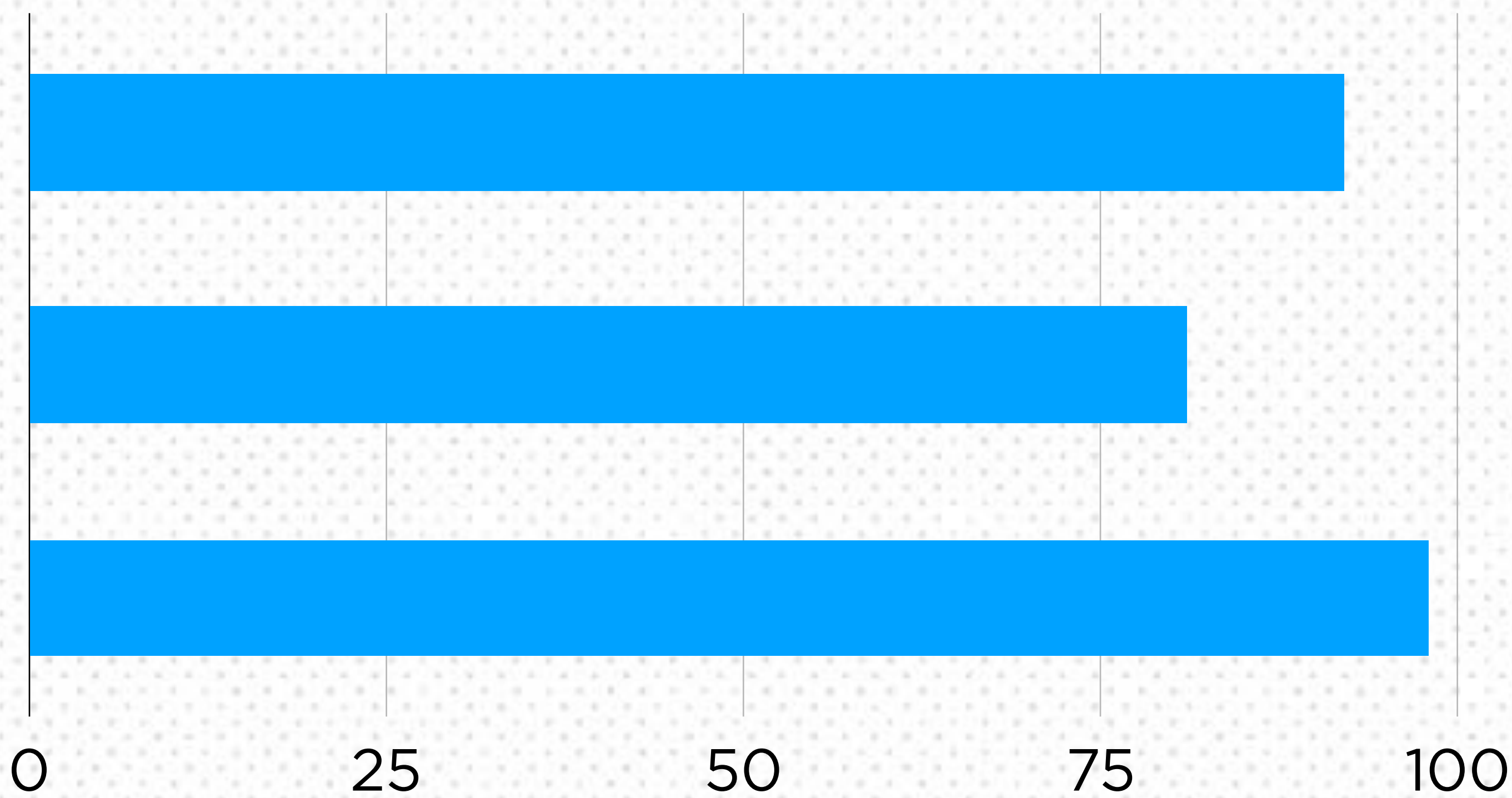
Introductory computer concepts and microcomputer usage covering productivity software packages such as word processing, electronic spreadsheets, presentation software, and database management systems.

Introduces concepts of information security including organizational policy on confidentiality, authentication, integrity, nonrepudiation, access control, and availability and mechanisms to implement those services.

COURSE TO CAREER ATTRIBUTES

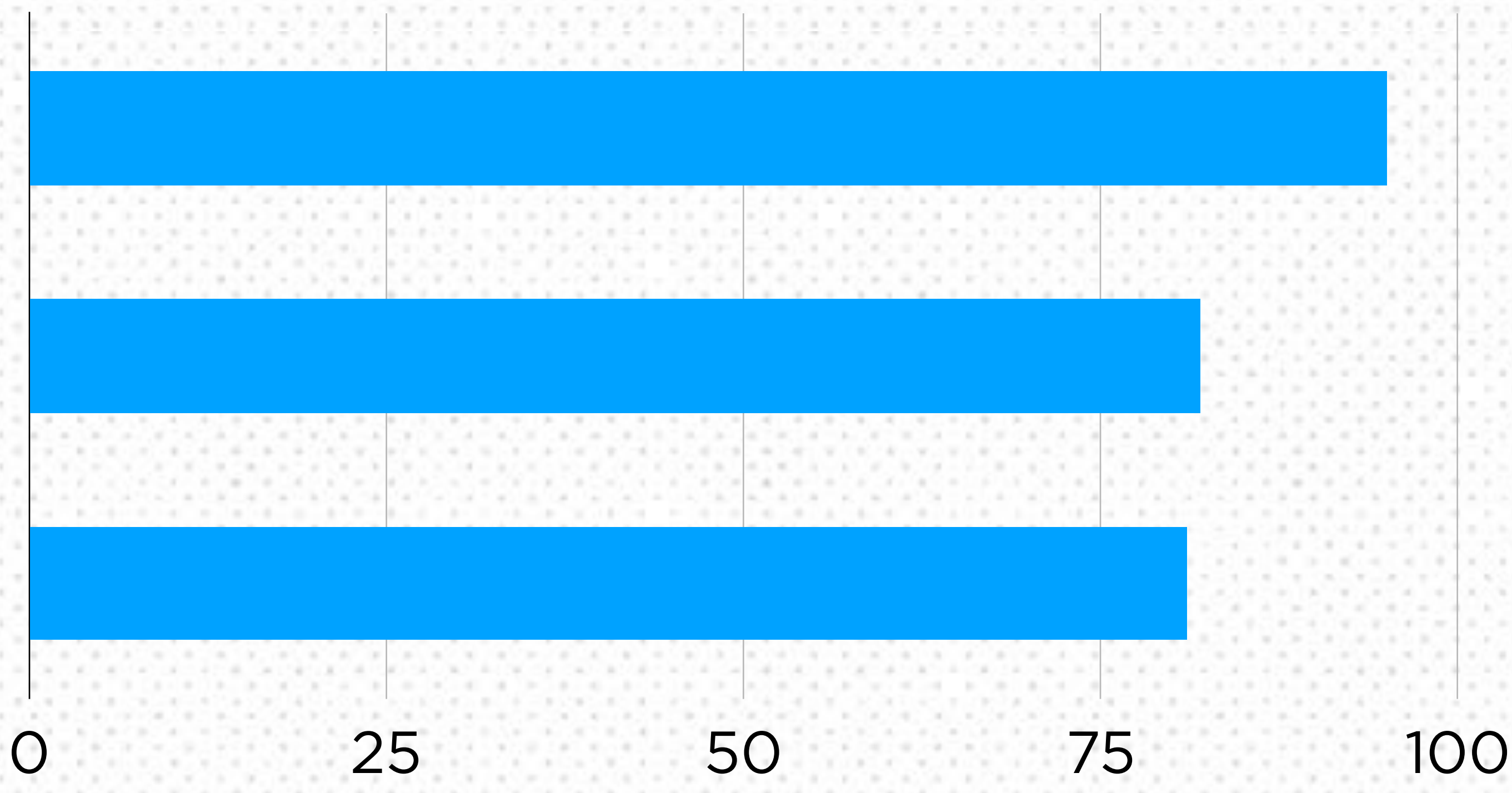
Competencies

- Analyze, Decide, and Overcome (Analytical and Critical Thinking)**
Tackle problems by using logical, systematic, sequential approaches. Exercise sound reasoning to analyze issues, makes decisions, and overcomes problems.
- Arrive Early, Stay Late (Professionalism / Work Ethic)**
Demonstrate personal accountability and effective work habits.
- Utilize and Master Technology (Technical Expertise)**
Achieve a satisfactory level of technical skill and keeps up with current developments and trends in areas of expertise.



Professional Values


- Fostering Curiosity**
Seek out underlying reasons why things happen and investigate and solve complex problems.
- Getting Things Done**
Action-oriented and motivated by hard work and determination to get things done, the classic “doer” who can be counted on.
- Effecting Change**
Care about things that affect society, create change and influence opinions toward the common good.



PROJECTED JOBS (2014-2024) | GROWTH

391,800 | Much faster than average (14% or higher)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES

-  **System Developer at Mercedes-Benz**
 - ▶ Computer systems design firms or Data processing/Management firm
- Network Technologist at U.S. Space and Rocket Center**
 - ▶ Large companies, Government agencies, Staffing and employment services, or Large non-profit organizations
- Database Administrator at Alabama Department of Corrections**
 - ▶ Financial institutions, Insurance companies, Consulting firms, Manufacturers, or Computer companies

 Hot Job Title

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COURSE TO CAREER PATHWAY

FINANCE

COURSE DESCRIPTION



Finance | Risk Management and Insurance | International Finance

FI 300. FI 310. FI 350. FI 451.

Survey of financial management of the private firms, with emphasis on financial statements, sources of capital, and management of fixed assets.

Financial management, emphasizing analytical frameworks in finance, including cost of capital, capital budgeting, capital structure, financial analysis, forecasting and resource allocation.

A study of the insurance industry, including life and property insurance.

Analysis of principles underlying the international securities market, international banking systems, exchange rates, currency markets, international portfolio investment, and current national policies.

COURSE TO CAREER ATTRIBUTES

Competencies

Help Others in Need (Customer Focus)

Demonstrate concern for satisfying customers by making their needs a primary focus; develop productive customer relationships.

Arrive Early, Stay Late (Professionalism / Work Ethic)

Demonstrate personal accountability and effective work habits.

Stick with It 'Til the End (Tenacity / Persistence)

Stay with a position or plan of action until the desired objective is obtained or is no longer reasonably attainable.



Professional Values

Seeing the Big Picture

Capacity to see the big picture and develop logical and effective strategies to manage and advise.

Getting Things Done

Action-oriented and motivated by hard work and determination to get things done, the classic “doer” who can be counted on.

Effecting Change

Care about things that affect society, create change and influence opinions toward the common good.



PROJECTED JOBS (2014-2024) | GROWTH

499,600 | Much faster than average (14% or higher)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES



Financial Analyst at [Expedia](#)

► Private businesses of all sizes and types

Investment Banker at [Boston Capital](#)

► Captive finance companies, Mortgage banks or Savings banks

Financial Planner at [Alabama Department of Corrections](#)

► Brokerage firms, Trust companies or Financial partnerships



Hot Job Title

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COURSE TO CAREER PATHWAY

JOURNALISM

COURSE DESCRIPTION



Writing for the Mass Media | Social Media

JN 200. JN 320. JN 490. (3)

An introduction to media, including communication theory, media history, legal considerations, and the influence of technology in the shaping of modern communication practices.

The study of the general principles of news writing for broadcast and print media. Students will learn about interviewing techniques, copy-editing, professional conduct, and news-gathering methods.

Theoretical and experiential instruction of the use of new and social media.

COURSE TO CAREER ATTRIBUTES

Competencies

Value Social/Cultural Equality (Intercultural Fluency / Valuing Diversity)

Appreciate the capabilities, insights, and ideas of all individuals; work effectively with people of diverse style, ability, and motivation.

Persuade and Convince People (Persuasiveness)

Possess interpersonal style and communication methods that gain acceptance of a product, service, or idea from prospects and clients.

Command an Audience (Oral/Written Communications)

Express yourself clearly in conversations, interactions with others and in business writing.



Professional Values

Motivating Others

Enthusiasm and motivation to share excitement with others, often get people to enjoy the moment.

Helping People

Compassionate, service oriented and responds to the developmental needs of those around them.

Effecting Change

Care about things that affect society, create change and influence opinions toward the common good.



PROJECTED JOBS (2014-2024) | GROWTH

134,900 | Faster than average (9% to 13%)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES



Journalist at [Forbes](#)

- ▶ Large circulation newspapers, Major publishers, Consumer magazines, Professional publications/associations

Digital Marketer at [Apple](#)

- ▶ Large companies, Government agencies or Public, cable, and private television stations

Community Coordinator at [Visa](#)

- ▶ Large corporations, Internet sites, Trade, professional, or consumer publications



Hot Job Title

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COURSE TO CAREER PATHWAY

KINESIOLOGY

COURSE DESCRIPTION



EX 443 Kinesiology

The objective of this course is to introduce students to the mechanical principles of body movements involved in various motor skills. Topics include: **exercise physiology, biomechanics, biological sciences, and sociology.**

COURSE TO CAREER ATTRIBUTES

Competencies

Command an Audience (Oral/Written Communications)

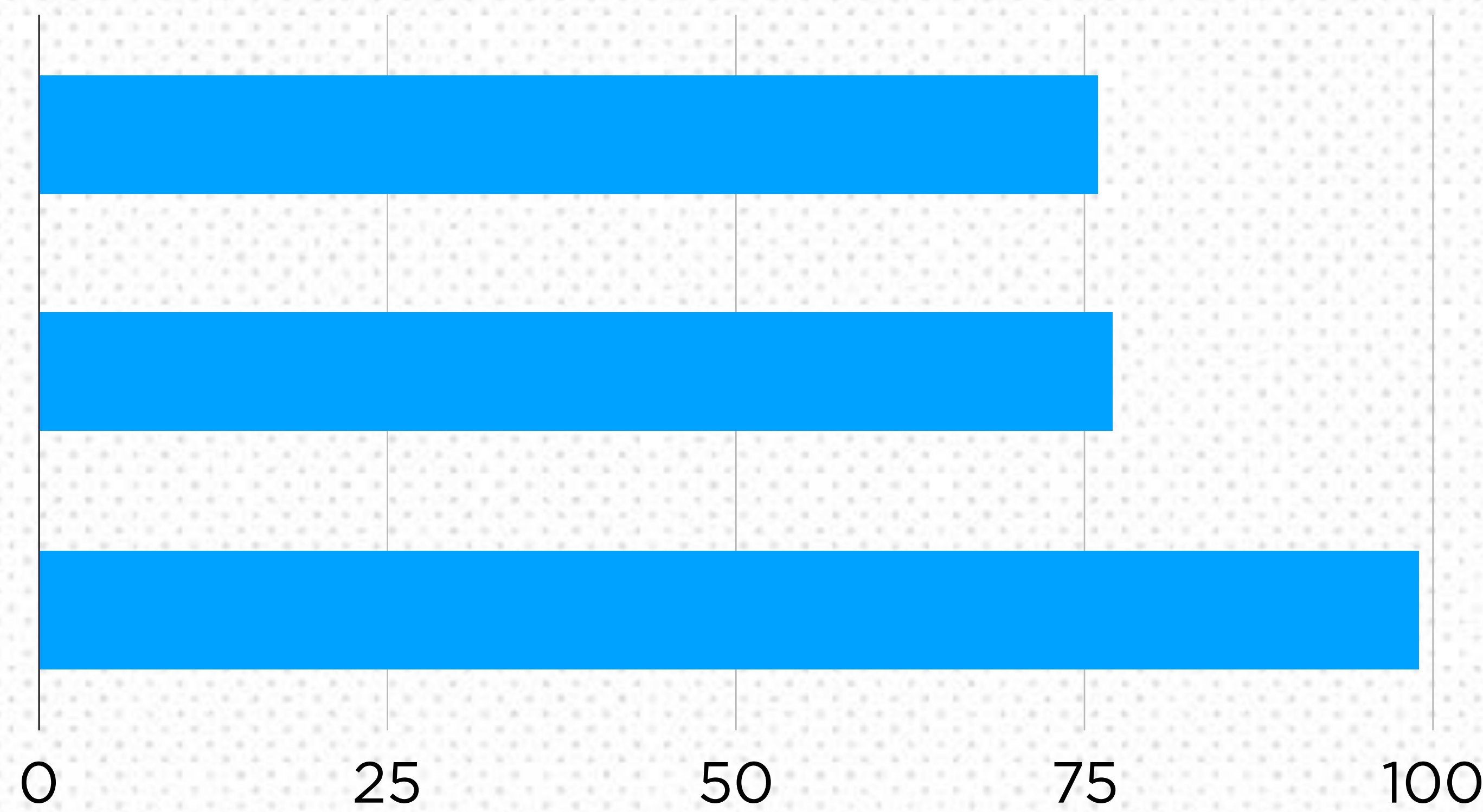
Express yourself clearly in conversations, interactions with others and in business writing.

Analyze, Decide, and Overcome (Analytical and Critical Thinking)

Tackle problems by using logical, systematic, sequential approaches. Exercise sound reasoning to analyze issues, makes decisions, and overcomes problems.

Help Others in Need (Customer Focus)

Demonstrate concern for satisfying customers by making their needs a primary focus; develop productive customer relationships.



Professional Values

Keeping Perspective

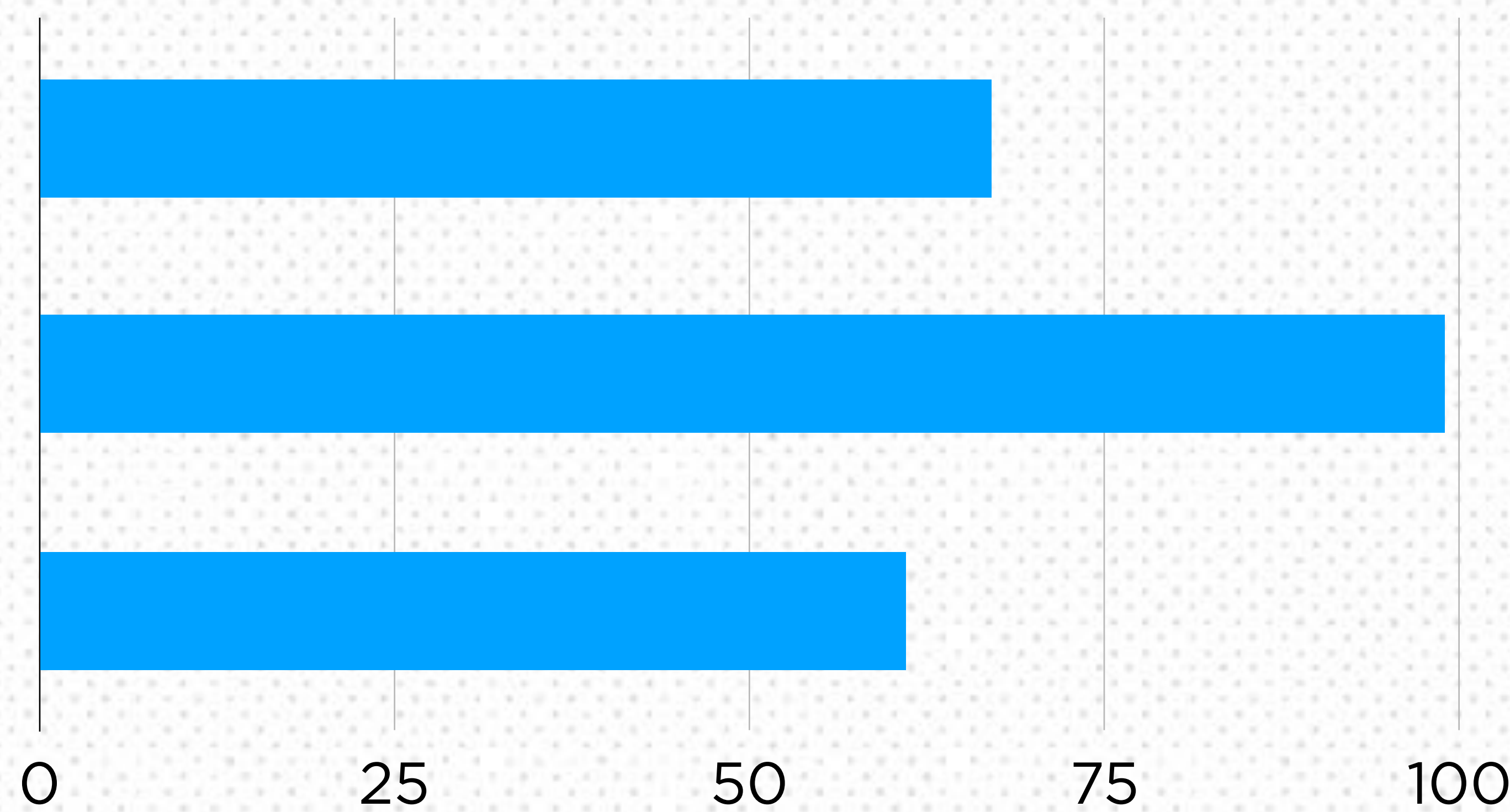
Keen observer of life who wants to ensure the natural order is respected and maintained.

Helping People

Compassionate, service oriented and responds to the developmental needs of those around them.

Constantly Being Curious

Seek out underlying reasons things happen and like to investigate and solve complex problems.



PROJECTED JOBS (2014-2024) | GROWTH

85,100 | Faster than average (9% to 13%)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES

 **Athletic or Physical Fitness Trainer at [DCH Health System](#)**

‣ Health clinics, Fitness centers, or Specialized studios

Physical Therapist

‣ Home healthcare, Nursing homes, Sports medicine facilities, or Rehabilitation centers

Teacher

‣ Colleges and universities, Athletic associations, or Research facilities

 Hot Job Title

IF YOUR STUDENTS WANT TO LEARN MORE ABOUT THIS CAREER, INFORM THEM TO #[checkTheWhether](#).

COURSE TO CAREER PATHWAY

BUSINESS COMMUNICATIONS

COURSE DESCRIPTION



BA 420 Business Communications

The objective of this course is to develop skills in written and verbal expression for more effective communication in business, including the job search. Topics include: **marketing strategy, customer behavior, segmentation, market research, product management, pricing, promotion, sales force management and competitive analysis.**

COURSE TO CAREER ATTRIBUTES

Competencies

Help Others in Need (Customer Focus)

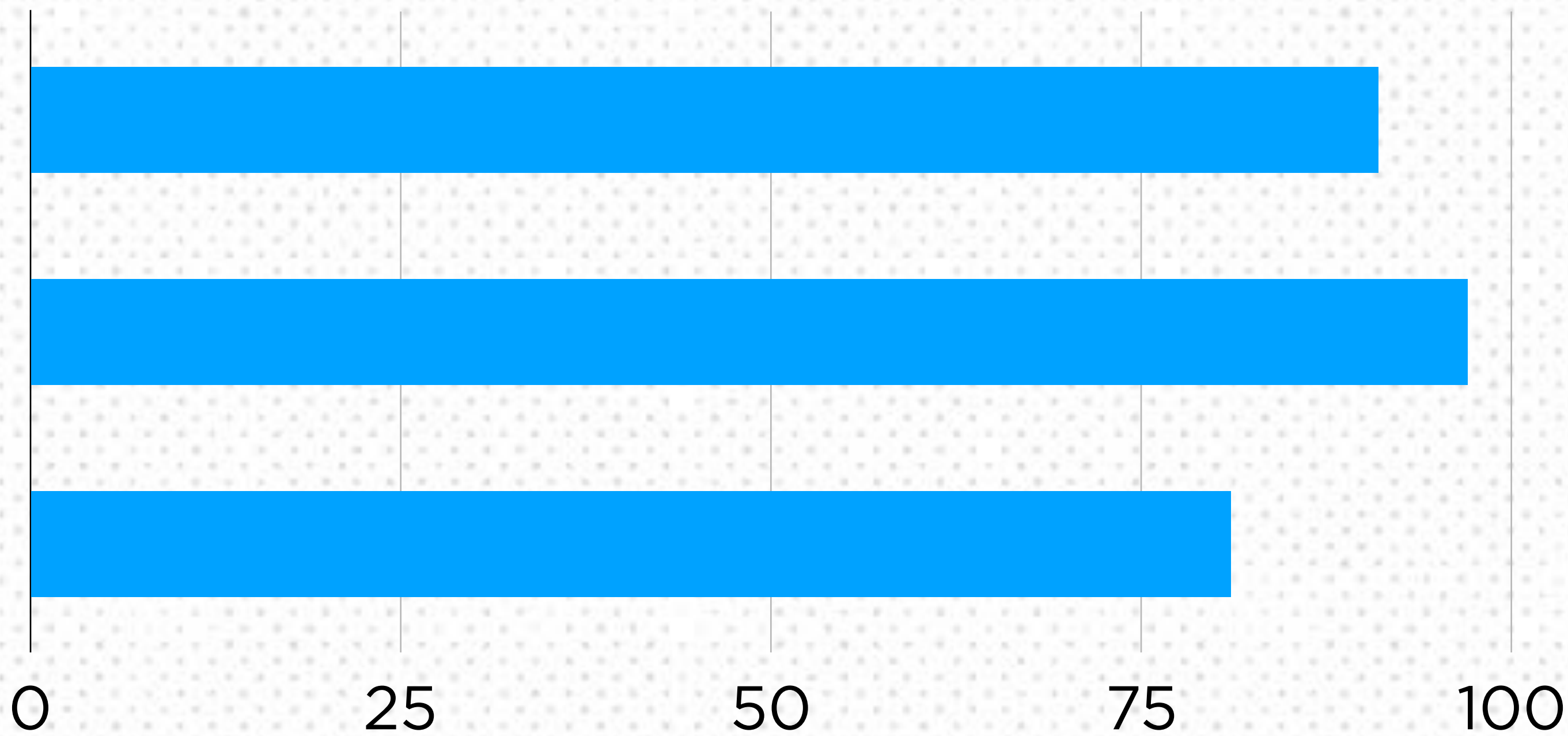
Demonstrate concern for satisfying customers by making their needs a primary focus; develop productive customer relationships.

Persuade and Convince People (Persuasiveness)

Possess interpersonal style and communication methods that gain acceptance of a product, service, or idea from prospects and clients.

Prepare, Plan, and Organize (Planning/Organization)

Establish courses of action for self and others to ensure that work is completed efficiently.



Professional Values

Motivating Others

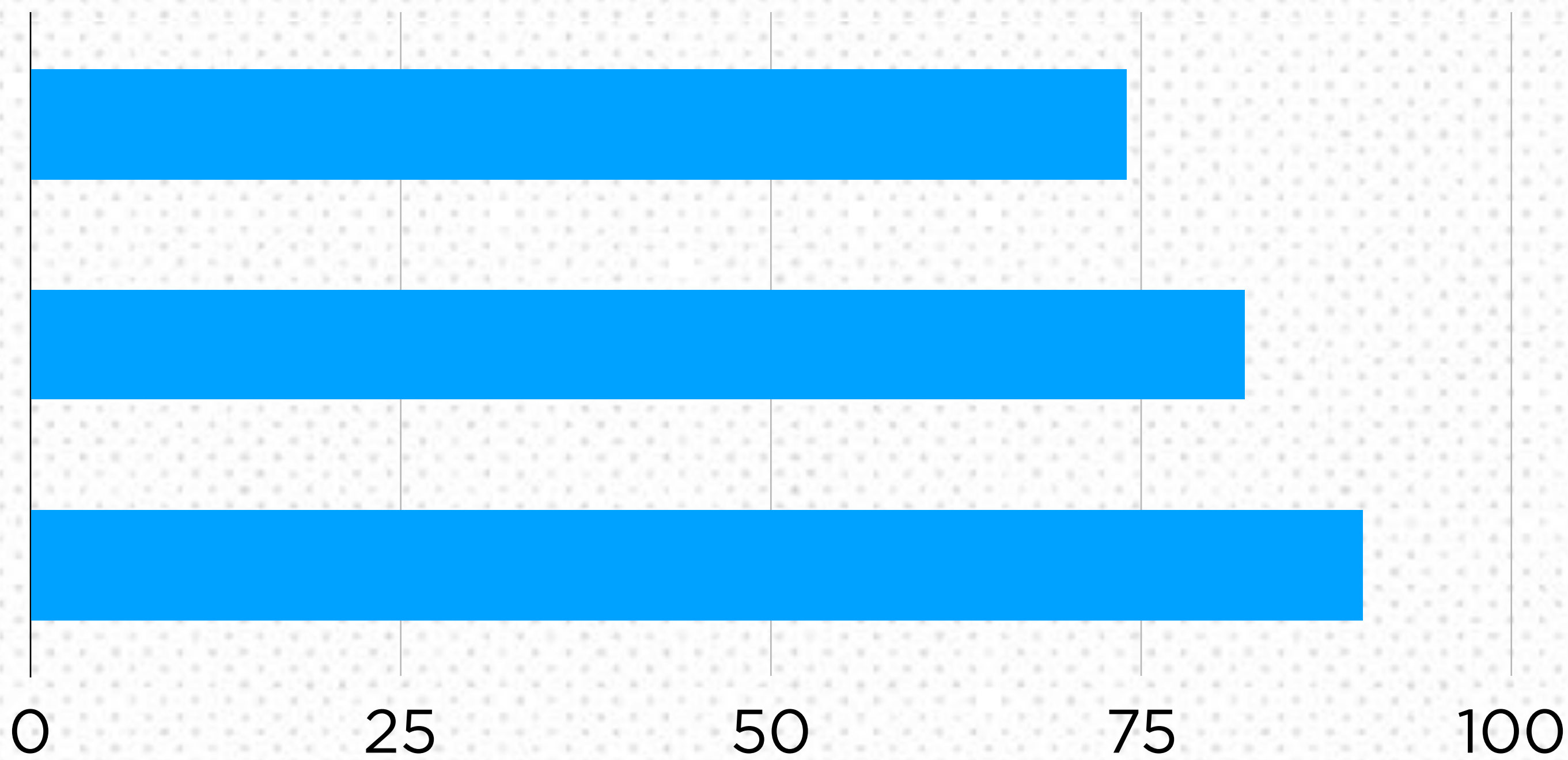
Enthusiasm and motivation to share excitement with others, often get people to enjoy the moment.

Seeing the Big Picture

Capacity to see the big picture and develop logical and effective strategies to manage and advise.

Effecting Change

Care about things that affect society, create change and influence opinions toward the common good.



PROJECTED JOBS (2014-2024) | GROWTH

538,600 | Average (5% to 8%)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES



Sales Manager at [Asurion](#)

‣ Product and service organizations, Retail stores, Hotels, Restaurants, or Manufacturers

PR Associate at [Vector Marketing](#)

‣ Private corporations, Public relations firms, Advertising agencies, or Radio and television

Brand Manager at [Mercedes-Benz](#)

‣ Publishing firms including newspaper, magazine and book, Wire services and syndicates Literary agencies, or Internet sites



Hot Job Title

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COURSE TO CAREER PATHWAY

TECHNOLOGY AND EDUCATION

COURSE DESCRIPTION



ED 405 Technology and Education

The objective of this course is to provide an overview of the methods and techniques in computer assisted instruction, current issues, and hardware and software as they relate to the educational process.

COURSE TO CAREER ATTRIBUTES

Competencies

Command an Audience (Oral/Written Communications)

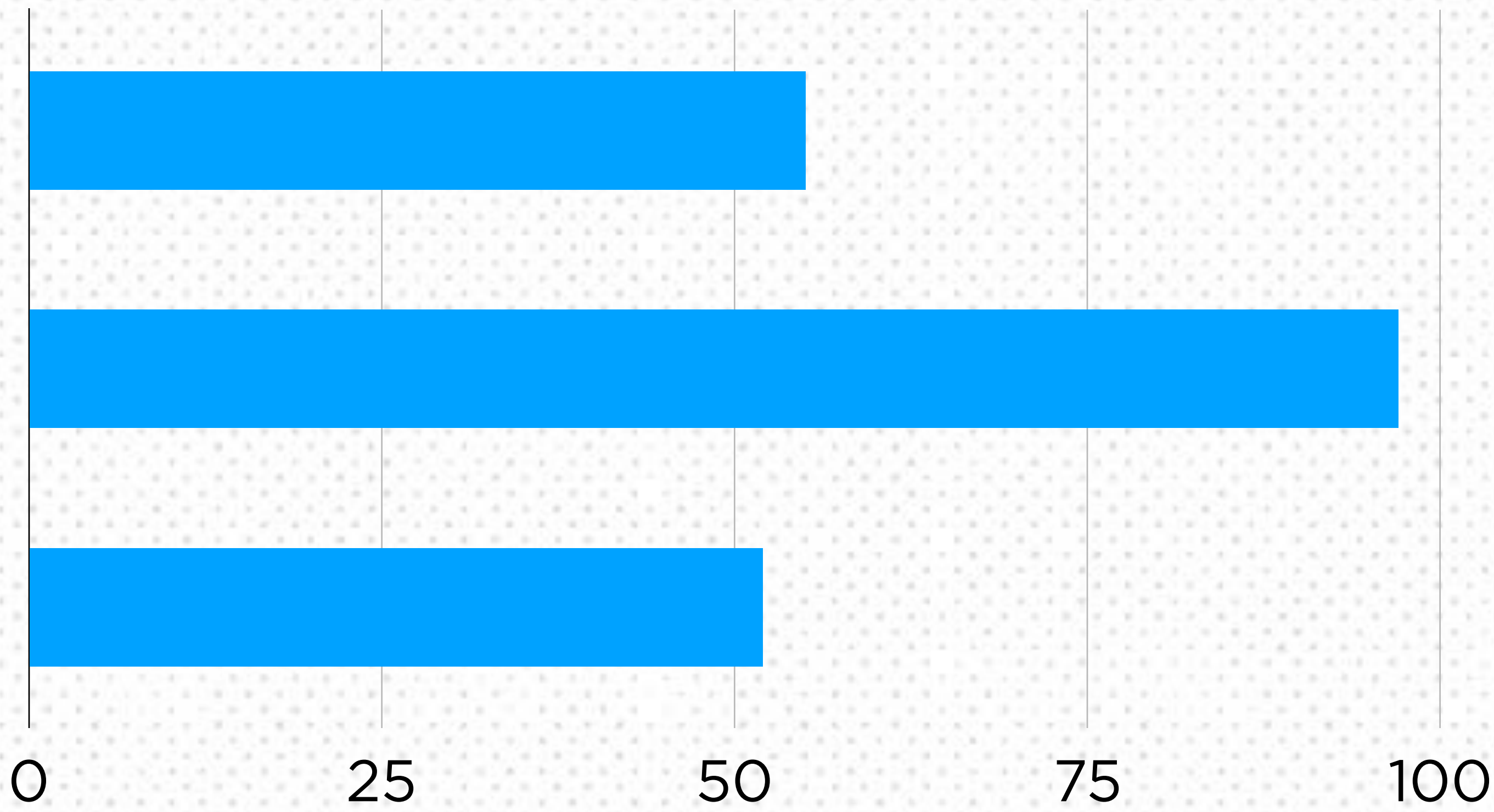
Express yourself clearly in conversations, interactions with others and in business writing.

Analyze, Decide, and Overcome (Analytical and Critical Thinking)

Tackle problems by using logical, systematic, sequential approaches. Exercise sound reasoning to analyze issues, makes decisions, and overcomes problems.

Prepare, Plan, and Organize (Planning/Organization)

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Professional Values

Motivating Others

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Helping People

Compassionate, service oriented and responds to the developmental needs of those around them.

Effecting Change

Care about things that affect society, create change and influence opinions toward the common good.



PROJECTED JOBS (2014-2024) | GROWTH

214,800 | Faster than average (9% to 13%)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES



Teacher

- ▶ Product and service organizations

Computer Specialist at [Asurion](#)

- ▶ Product and service organizations

Computer Information Systems Instructor

- ▶ Colleges and universities or High schools



Hot Job Title

IF YOUR STUDENTS WANT TO LEARN MORE ABOUT THIS CAREER, INFORM THEM TO #[checkTheWhether](#).

COURSE TO CAREER PATHWAY

AMERICAN LITERATURE

COURSE DESCRIPTION



EH 231 American Literature I

The objective of this course is to be knowledgeable about the characteristic styles and themes of American writers from the period of early settlement (early 1600s) to 1865; understand some of the links between texts studied and their cultural, political, and historical contexts; be able to synthesize this information and produce cogent, insightful responses to short-answer and essay questions on examinations.

COURSE TO CAREER ATTRIBUTES

Competencies

Value Social/Cultural Equality (Intercultural Fluency / Valuing Diversity)

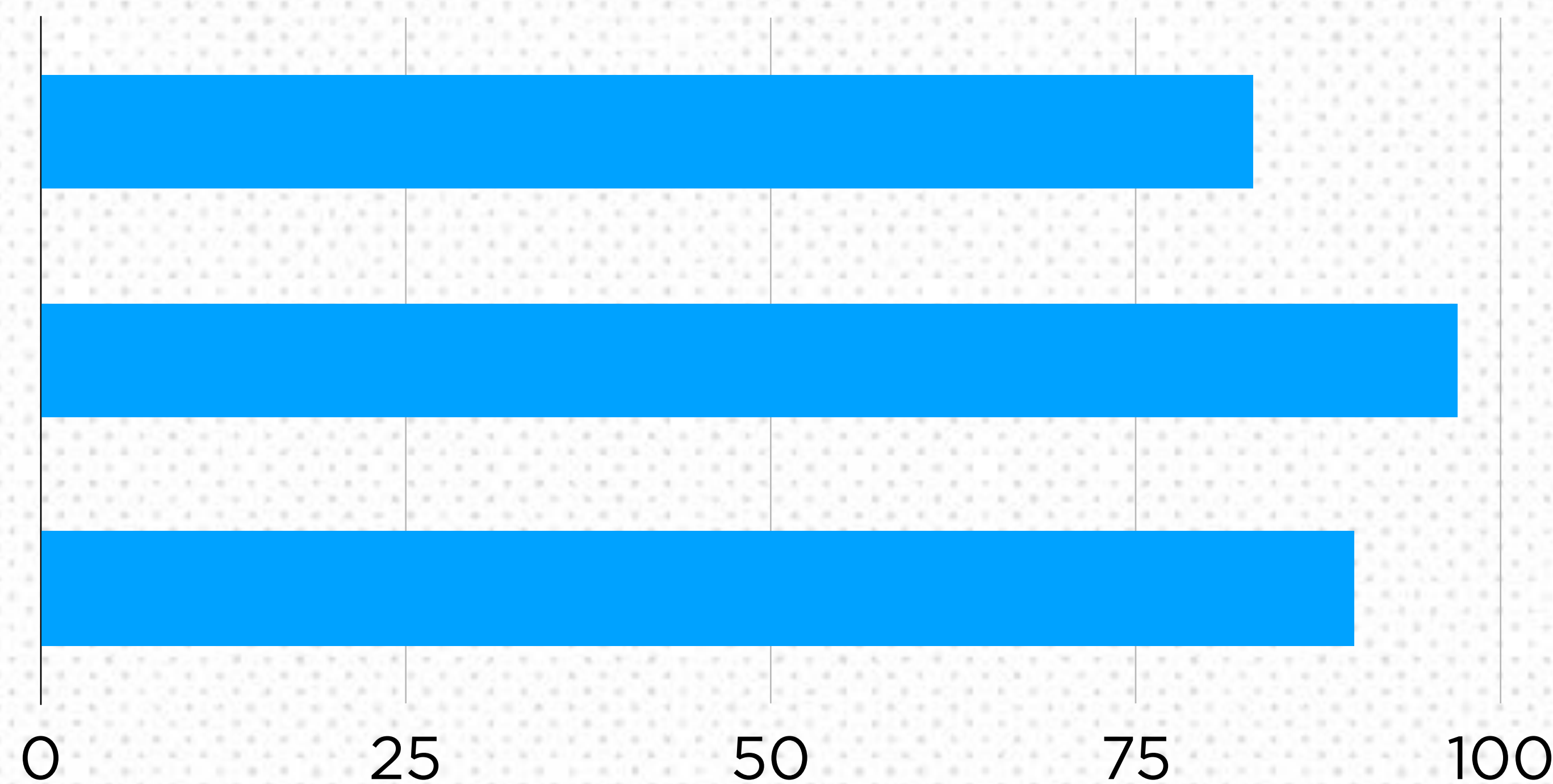
Appreciate the capabilities, insights, and ideas of all individuals; work effectively with people of diverse style, ability, and motivation.

Analyze, Decide, and Overcome (Analytical and Critical Thinking)

Tackle problems by using logical, systematic, sequential approaches. Exercise sound reasoning to analyze issues, makes decisions, and overcomes problems.

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Professional Values

Motivating Others

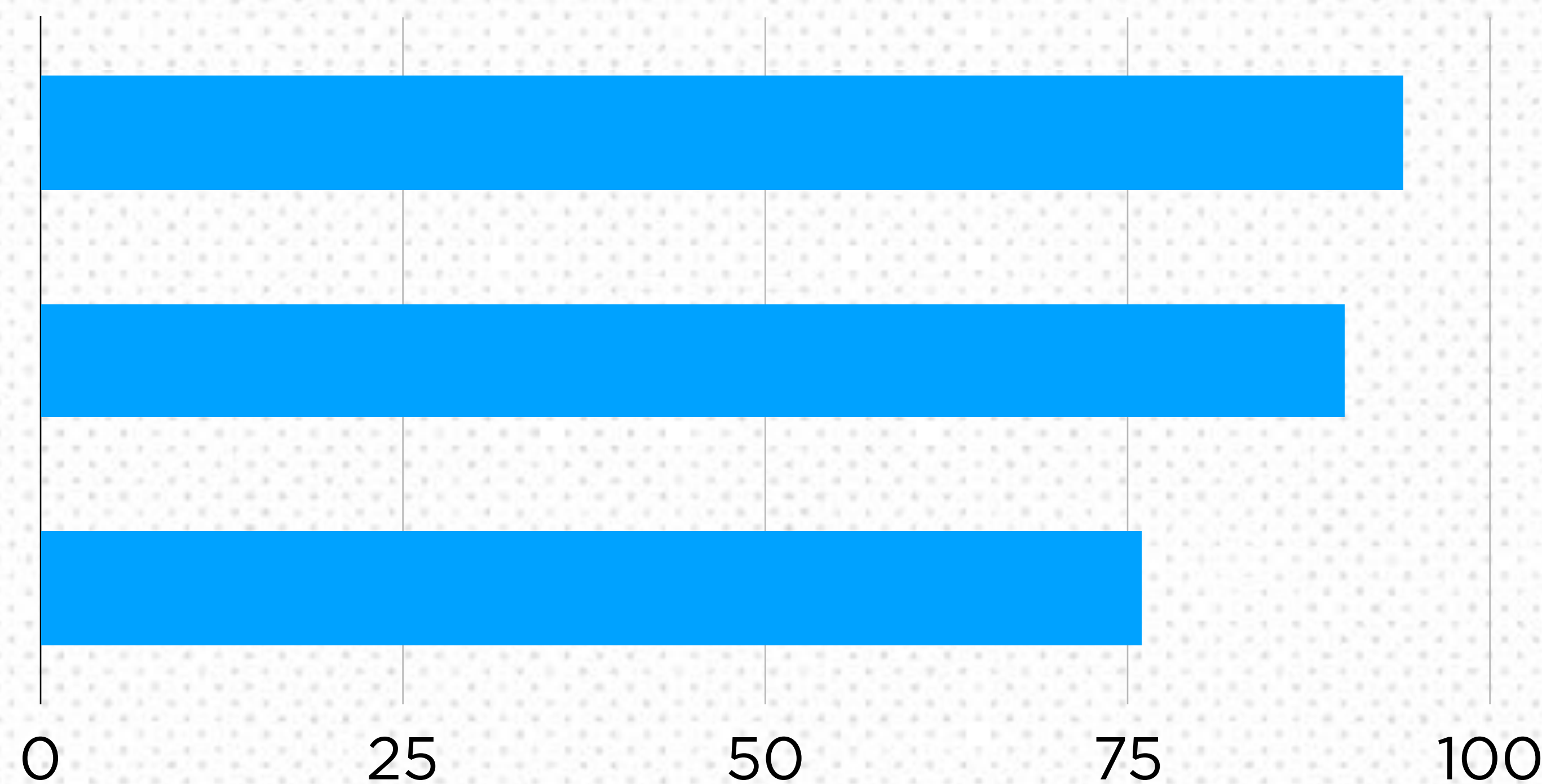
Enthusiasm and motivation to share excitement with others, often get people to enjoy the moment.

Seeing the Big Picture

Capacity to see the big picture and develop logical and effective strategies to manage and advise.

Effecting Change

Care about things that affect society, create change and influence opinions toward the common good.



PROJECTED JOBS (2014-2024) | GROWTH

579,700 | Average (5% to 8%)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES

Museum Manager

- Museums, Archives, Historical homes, Special collections, or Historical societies

English Teacher at [UWA College of Liberal Arts](#)

- Colleges and universities, High schools, or Middle schools

IF YOUR STUDENTS WANT TO LEARN MORE ABOUT THIS CAREER, INFORM THEM TO #[checkTheWhether](#).

COURSE TO CAREER PATHWAY

GENERAL PSYCHOLOGY

COURSE DESCRIPTION



PY 100 General Psychology

The objective of this course is to learn terms, facts, concepts, & theories about psychology, understand the methods & techniques used to study psychology, gain the ability to evaluate information & distinguish between fact & opinion, and have improved knowledge of learning & memory techniques for use in future courses.

COURSE TO CAREER ATTRIBUTES

Competencies

Value Social/Cultural Equality (Intercultural Fluency / Valuing Diversity)

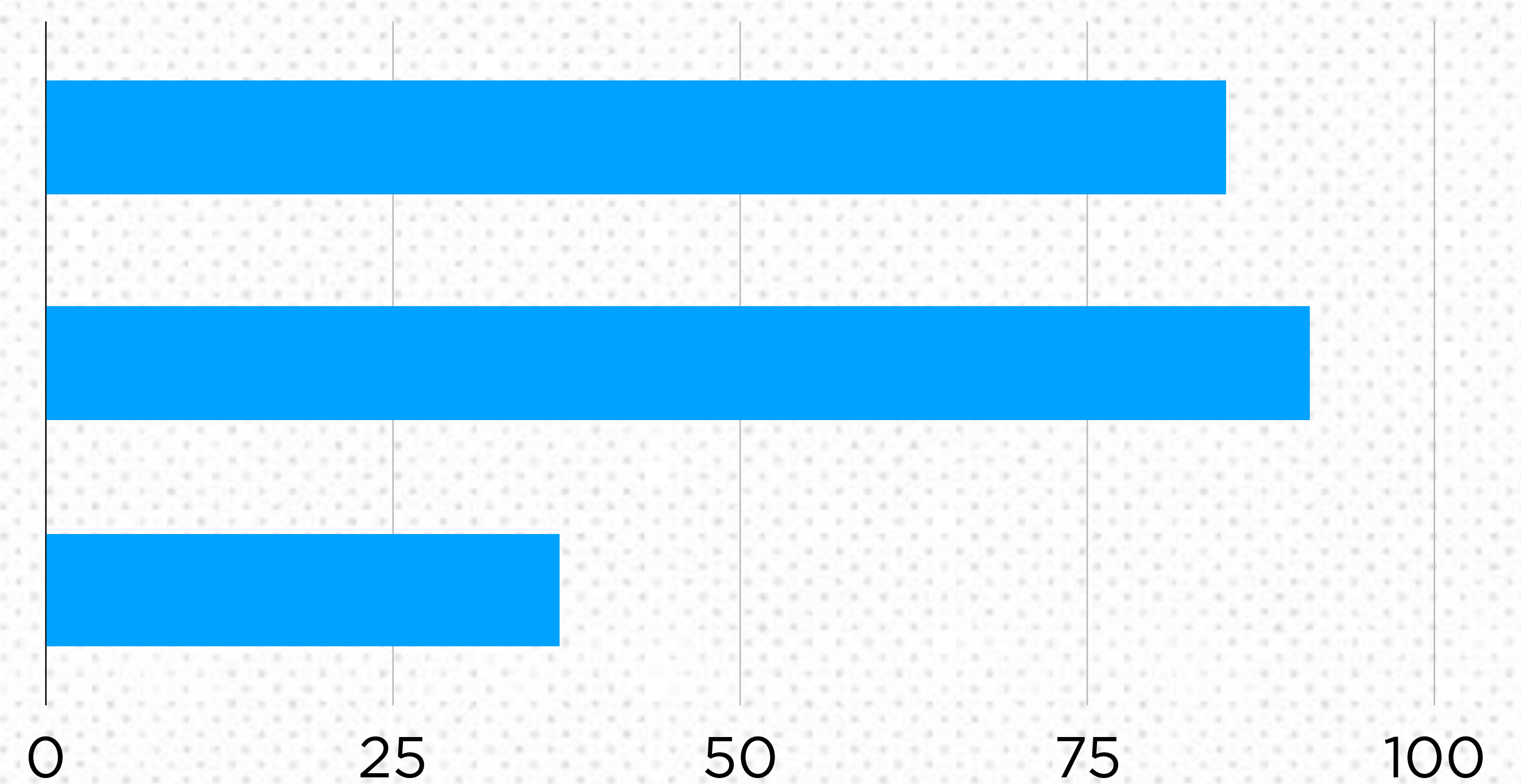
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Persuade and Convince People (Persuasiveness)

Possess interpersonal style and communication methods that gain acceptance of a product, service, or idea from prospects and clients.

Stick with It 'Til the End (Tenacity / Persistence)

Stay with a position or plan of action until the desired objective is obtained or is no longer reasonably attainable.



Professional Values

Motivating Others

Enthusiasm and motivation to share excitement with others, often get people to enjoy the moment.

Helping People

Compassionate, service oriented and responds to the developmental needs of those around them.

Effecting Change

Care about things that affect society, create change and influence opinions toward the common good.



PROJECTED JOBS (2014-2024) | GROWTH

310,800 | Much faster than average (14% or higher)

POSSIBLE JOB TITLES, EMPLOYERS AND TYPES OF COMPANIES



Clinical Psychologist at [West Alabama Medical Health Center](#)

- Nursing homes, Outpatient clinics, Rehabilitation facilities, or College counseling centers

Industrial Psychologist at [Lyons HR](#)

- Large companies, Government agencies, Staffing and employment services, or Large non-profit organizations

Community Coordinator at [Alabama Department of Corrections](#)

- Federal, state and local government agencies (e.g., National Institute of Health), National headquarters of non-profit organizations, or Market research departments of consumer goods



Hot Job Title

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