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Introduction to APTD: Study Planning Guide

Congratulations on your decision to pursue the Associate Professional in Talent Development (APTD). A person with an APTD credential has early career experience and understands that well-designed talent development strategies and solutions contribute to organizational success. APTD holders can affect the development, implementation, and evaluation of learning solutions that impact an organization’s ability to achieve its goals and drive competitive advantage. The foundational knowledge of an APTD holder is defined in the Talent Development Capability Model and includes key personal, professional, and organizational knowledge.

This study planning guide is designed to help candidates prepare for the exam they will need to pass to achieve their ATD CI credential.

Why Do I Need to Take an Exam to Become a Better Talent Development Professional?

A professional credential, such as the APTD, is designed to provide objective proof that the credential holder possesses the knowledge and skills required to be successful in their field. An exam administered by an independent credentialing body provides the concrete evidence that certified individuals are competent to practice in their fields. Most professional credentials require candidates to pass an exam as well as meet eligibility requirements such as education or work experience. For the APTD, candidates are required to meet the eligibility requirements and pass a professionally developed and administered exam to achieve the credential.

Talent development professionals who have attained the APTD credential report that exam preparation helped them to fill knowledge gaps, update their skills, and build their confidence. They also say that achieving the credential helped them advance their careers and improved their earning potential.

Who Decides What Skills and Knowledge Are Needed to Be Successful as a Talent Development Professional?

The ATD Certification Institute (ATD CI) is an independent organization that was created by the Association for Talent Development (ATD) in 2001. ATD CI’s mission is to set industry standards for the talent development profession, provide an independent validation of those standards, and confer credentials. The industry standards developed by ATD CI are formulated based on occupational surveys administered to large samples of TD professionals and validated by panels of subject matter experts.

What Is the APTD Exam Based On?

The Associate Professional in Talent Development (APTD) is one of two professional credentials administered by the ATD Certification Institute. The APTD exam will be based on the Talent Development Capability Model that was released in January 2020.

The Talent Development Capability model considers what talent development professionals should know and do to be successful. The model was developed based on an occupational survey that was administered to a large representative sample of talent development professionals worldwide. More than 3,000 professionals from 73 countries provided complete responses (23 percent of the participants were located outside the United States). Respondents evaluated the importance of 197 competencies for successful job performance now and in the next three to five years. The APTD exam is designed to measure the subset of foundational knowledge required for success after three years of experience as a talent development professional.
What Is Included in the ATD Capability Model?
The ATD Capability Model is structured around three domains of practice:

- capabilities that derive from interpersonal skills
- capabilities that come from building professional knowledge related to developing people and helping them learn
- capabilities that affect an organization’s ability to drive toward results and mission success.

In addition, 23 capabilities detailing the core components of the field are included within the three domains as shown below. See our website for more information about the model (td.org/capability-model).

What Capabilities Are Tested on the Exam?
The APTD exam tests a subset of knowledge found in the Talent Development Capability Model. A subset of knowledge, skills, and abilities (KSAs), which are appropriate and necessary for someone after three years of experience, were identified using research data and subject matter experts. On the APTD exam, 20 percent of the questions will come from the personal capability domain, 50 percent will be drawn from the professional capability domain, and 30 percent will be from the organizational capability domain. Questions on the APTD exam are designed to test the foundational knowledge that talent development professionals would be expected to have after three years of experience. See Appendix A for content outline of the exam.

How Long Is the Exam?
Achieving the APTD credential will require passing one exam that includes 115 multiple choice questions that cover all three domains of practice. Each question has only one correct answer, and points are not subtracted for incorrect answers. Candidates will have two hours to complete the APTD exam. All ATD CI certification exams are computer-based and must be taken at a secure testing center.
When Will I Learn If I Passed the Exam?
Candidates will receive their results on the same day they take the exam.

Who Writes the Exam Questions and How Are They Pretested?
The exam questions are written by current credential holders and subject matter experts in the field, guided by a research firm that specializes in professional certification and testing. The questions are then validated during a pilot phase to ensure that the questions are measuring what they are intended to measure: mastery of talent development knowledge and skills. See Appendix B for sample questions.

Will I Have to Take the Exam Again to Recertify?
Once candidates have passed the certification exam, they will not need to take it again to recertify (although that is an option). Typically, credential holders accumulate recertification points earned through professional development activities. APTD credential holders must earn 40 recertification points every three years. Recertification points may be earned in several ways, including but not limited to, formal workshops and continuing education. For more specific information on recertification see our website www.td.org/certification/recertification-program

Preparing for the APTD Exam

Step 1. Assess Your Professional Expertise
First, complete the APTD gap-assessment against the ATD Capability Model that can be found in Appendix C. This analysis can help you to identify your strengths and weaknesses.

Step 2. Review the Sample Questions
Once you have evaluated your proficiency levels in the various content areas, review the sample questions in Appendix B to get a feel for the type of question and level of detail that you are likely to see on the exam. As you review the questions, choose the answer you think is correct. The correct answers to these sample questions are at the end of Appendix B. Compare your answers with the correct ones. Were there subtle clues in the questions that you missed?

Step 3. Develop Your Study Plan
Previous candidates report spending between 60–80 hours to study for the exam, but you may need more or less time depending on your level of knowledge in the content areas. Estimate how much time you will be able to study each week on a regular basis. For example, if you can carve out four hours during the weekend and four hours during the week for a total of eight hours per week, then you should plan a 10-week period to prepare for the exam.

Based on your gap-assessment, estimate the amount of time you will need to devote to each content area. If you are familiar with the content, you may only need to refresh your memory about the concepts. If you have limited knowledge of a content area, you may need to spend more time digging into those topics. As you create your study plan, keep in mind the relative weight placed on each domain on the exam. For example, since 20 percent of the exam will be devoted to personal capabilities, roughly 23 questions will cover those content areas. Allocate your time accordingly. See Appendix D for a sample study plan.

Step 4. Choose the Resources That Fit Your Study Plan
As you are creating your study plan, review the resource list provided in Appendix E to identify potential books and resources you may want to study to prepare for the APTD exam. These resources are the same used by item writers for ATD CI certification exams.

The Talent Development Body of Knowledge (TDBok) provides some detail on each of the content areas from the Talent Development Capability Model, along with a comprehensive list of additional resources. Be aware that relying on the TDBok alone will not be sufficient preparation for the exam. Your best approach is to view the TDBok as a starting point for your studies and not an end point. The TDBok covers the WHAT and the WHY of talent development capabilities, but
not the HOW. You will need to rely on your experience and further study to be sure you have mastered HOW to apply the principles described in the TDBoK. For example, the capability included in the APTD content outline under Communication is as follows:

1.1.5 Skill in conceiving, developing, and delivering information in various formats and media, for example reports, briefings, memorandums, presentations, articles, and emails.

In the TDBoK, you will see that there are just 1 ½ pages dedicated to this capability statement and that the major focus is communicating in writing. It is not possible in such a limited space to convey everything that you need to know about HOW to write. For that, you will need to rely on your experience, education or further study on the subject.

Step 5. Choose an Exam Window
Once you have drafted a study plan, determine which testing window is best for you. The scheduled testing windows are listed at td.org/certification/aptd/exam. Choosing your preferred testing window will provide a target end date for your study plan. When reviewing the exam schedule, please note the deadlines by which you will need to register for your chosen test window. Applying for the exam in a specific window can help you stick to your plan and be accountable for your schedule.

Step 6: Register to Take the Exam
If you have not already done so, complete your APTD application and register to take the exam at td.org/certification/aptd/apply. You will need to upload a current resume as well as provide details about your work experience and 28 hours of relevant professional development completed in the past three years. Be sure to register using your full legal name as it appears on your driver’s license and current official identification.

When you register to take the exam, you will be offered the option to test at a secure testing center or via remote proctoring in your home or office. Before making this decision, please review the details about this options on page 23 in the APTD Candidate Handbook (www.td.org/aptdhandbook).

NOTE: When you register for the exam, you will be given a 90-day period during which you may test that includes a blackout dates when testing is not offered. ATD CI suggests making your appointment for earlier in that 90-day period in the event you need to cancel your appointment. You will have 18 months to pass the exam from the date you register; however, you will need to pay a fee if you do not pass the exam and wish to retest or transfer to a window that is not in your original 90-day period. Please refer to the APTD Candidate Handbook for a complete list of fees and policies.

Step 7: Schedule Study Time into Your Calendar
Now that you have committed to a testing window, revisit your study plan and begin scheduling study time into your calendar leading up to your exam date. It’s best to book appointments with yourself to carve out time to study various topics. Be specific in the appointment details. For example, “study chapters two and three in ISD From the Ground Up and review the TD at Work issue “Turning Trainers into Trusted Business Partners: Consulting on the Inside” provides much more structure and accountability than simply “Study for APTD.”

Step 8. Assemble Your Study Notes
It may help to organize your personal study notes, articles or book summaries in a physical binder or digital notebook such as OneNote or Evernote. See Appendix F for suggested supplemental resources.

Taking the APTD Exam
Just as you can prepare for the subject matter on the APTD exam, you can also take steps to prepare for taking timed exams.
Before the Exam
Taking the APTD exam is a major event in your personal and professional life. You need to prepare appropriately. In addition to being confident about the exam’s content, you need to feel confident about test-taking strategies.

For most adults, it has been some time since they last took an exam of any kind. The prospect of having to demonstrate professional knowledge used daily may raise anxieties about testing. The following techniques will help you to prepare for the exam and feel more comfortable on exam day.

Physical and Mental Preparation
Being physically and mentally prepared on the day of the exam is often critical to your success.

The Night Before the Exam
One of the most effective ways to prepare for an exam is to be certain you are feeling physically and mentally alert and rested. You want to go into the exam feeling refreshed and ready to concentrate. Be sure to:

- Get a good night’s sleep.
- Try to relax the evening before. The night before is not the time to do late-night intensive cramming.
- Avoid alcohol and overeating.
- Set your alarm for the proper time before going to bed.

Familiarize Yourself with the Exam Center Location
A bit of planning can go a long way toward feeling calm on the day of the exam. Consider these strategies:

- Map out exactly how you will get to the testing center.
- If you are not familiar with the area, consider visiting the exam location a few days ahead of time.
- Determine where you will need to park and if you will need to bring money to pay for parking.
- If you must drive some distance to the exam location, consider staying close by the night before to avoid unforeseen delays.

What to Wear and Bring to the Testing Center
Being physically comfortable during the exam is important for your concentration. Keep these tips in mind:

- Wear comfortable clothes for the exam. You do not want to be distracted by tight or itchy garments when you are taking the exam.
- Dress in layers because the temperature in exam rooms may differ from the local weather.
- If you are sensitive to ambient noise, be sure to ask for noise canceling headphones at the testing center and bring disposable ear plugs in case headphones are not available that day.
- Do not bring any books, calculators, or papers because these items will not be permitted in the exam room.
- Bring proper photo identification that exactly matches the name you used to register for the exam. Two forms of current official identification are required.
- Food and drink are NOT permitted in the exam room, but you may bring a snack or drink to leave in your personal locker.

The Day of the Exam
To avoid problems on the day of the exam, keep in mind to:

- Get up in plenty of time so that you are not rushed.
- Eat something before the exam that includes protein. It may be several hours before you can eat again.
- Use the facilities to take care of your personal needs before your scheduled exam time.
- Keep in mind that while you are permitted to leave the room to get a snack or use the facilities, the test time clock will continue running while you are away.
If you are unable to comply with this rule for medical reasons, please notify ATD CI before your testing appointment.

Please refer to the APTD Candidate Handbook for complete details should you need to request any special accommodations in accordance with the Americans with Disabilities Act. Accommodations must be requested at the time of application.

What to Expect at the Testing Center
The testing centers are highly secure, so it helps to know what to expect. Here are some helpful hints:

- Be punctual! You should arrive 15 to 20 minutes before your scheduled testing time to allow time to go through the admissions process.
- During the admission process, the center staff will check your photo identification. You may be asked to roll up your sleeves to ensure that you do not have anything hidden there. This is normal protocol.
- If you wear glasses, you will be asked to place your glasses on a device that can detect hidden electronics.
- You will be required to leave personal property, including phones, purses, hats, and so forth in a locked location outside the testing room. You will place your personal items in a designated locker during the exam.
- APTD exams are administered by trained test proctors. Once you are admitted to the testing room, you will be escorted to a seat by the proctor.
- Before your exam, you will be given a dry-erase piece of paper and a marker by the proctor and these items will be collected at the end of the test.
- The examinations will be timed, with a timer displayed on the computer screen. Candidates will be permitted a total timed testing period of 120 minutes (two hours) to complete the 115-item exam.
- Upon completion of the exam, you will receive notification of results from the proctor.

What to Expect during Remote Proctoring
If you choose to take the exam via remote proctoring, please review the section in the APTD Handbook (www.td.org/aptdhandbook) about the technical requirements and what to expect during remote proctoring. Additional information about this option can also be found on our website: https://www.td.org/certification/remoteproctoring

Strategies for Test Taking
Once the timed portion of the exam begins, you should:

Read the Questions Carefully
Read all the choices, all the way through. Do not stop reading as soon as you believe you have found the correct answer. You may ignore an answer that more precisely addresses the question you have been asked.

Trust Your First Impression or Gut Instinct
There is only one correct answer to each question. It is widely believed that your first impression of the correct answer will be the best choice.

Avoid Overanalyzing
Focus on what is simply being asked. All the information needed to answer the question is provided in the question itself. One mistake often made by candidates is reading too much into the question or making assumptions that go outside the scope of the question.

Try to Identify the Answer Before Reading the Choices
After reading the question, think of the answer you expect to find. Then, read the choices. By doing this, the correct answer is more likely to jump out at you.
Pick Out Key Words or Information
When reading the question, notice any key points of information that are provided. Note any keywords, data, or terms that may affect the answer. What may be the correct answer in one circumstance may not be in another, given what is provided to you in the question.

Avoid Viewing the Questions as Having Too Little Information
The information provided in the question and your own recall of facts and reasoning ability should be enough to answer the question. If you were presented this situation in real life, you may well desire additional information. View the question as it is presented and choose the most logical answer given the information that is provided.

If Uncertain, Flag the Question for Later Review
If you cannot quickly decide on an answer, flag it for review and return to it later. Go through the exam answering what you know first, but make sure you allow yourself time to go back and review the more difficult questions at the end.

Eliminate Obvious Distractors
For most questions, there are usually two distractors (options) that appear to be incorrect—one that is plausible but incorrect, and one correct answer. Try to eliminate two of the answers first. If you cannot decide between the other two, mark for review and come back to the question.

Don’t Worry About What You Don’t Know
You will be asked questions to which you will not know the answer. Don’t let it rattle you and affect your outlook on the other questions. Make an educated guess and move on.

Making an Educated Guess
To improve your guessing ability, the first step is to eliminate any of the possible choices which you know, or are reasonably sure, are incorrect. Eliminating one or more of the possible choices improves your chance of selecting the correct choice. When guessing among four options, you have a 25 percent chance of guessing correctly; eliminate one choice and your chance of guessing correctly increases to 33 percent.

Limit the Time Spent on Each Question so You can Complete the Exam
The APTD exam includes 115 multiple choice questions and you will have two hours to complete it. If you are spending more than 30 seconds thinking about an item, skip it and move on to the next question. That will allow you enough time to get through all the questions with adequate time to go back and review your answers at the end on the Item Review Screen (see below).
Check Your Answers
Once you have gone through the entire exam, you will be presented with an item review screen like the one pictured above. You can choose to go back and work on incomplete answers, review questions that have been flagged or review all your questions and answers. We recommend that you review incomplete answers first then move on to flagged questions. Check your time periodically. Do not spend too much time agonizing over one item. Second-guessing yourself is rarely a good strategy.

Submit Your Answers
After you have reviewed your answers and have done your best to select the correct ones, it will be time to submit your answers. Take a deep breath and hit submit! Then raise your hand and the proctor will escort you from the testing room.

Receive Your Results
The test center representative at the admissions desk will have a print-out with your results, which they will present to you once you have left the exam room. Your exam scores will also be available in your candidate portal.

Go Home and Celebrate Having Completed This Journey
Documenting your professional experience, studying, and taking an exam are tremendous accomplishments. You should feel proud the hard work you have done to reach this point. Take the time to celebrate completing the exam, regardless of how you performed.
Appendix A: APTD Detailed Content Outline
Effective July 1, 2020

Domain 1: Developing Personal Capability (20 Percent)

Communication
- Skill in conceiving, developing, and delivering information in various formats and media, for example reports, briefings, memorandums, presentations, articles, and emails.

Emotional Intelligence and Decision-Making
- Knowledge of theories of emotional intelligence

Collaboration and Leadership
- Knowledge of theories, methods, and techniques to build and manage professional relationships (for example, group dynamics, teamwork, shared experience, and negotiation).
- Knowledge of methods and criteria for establishing and managing collaboration among various units (for example, finance, operations, IT and sales/marketing).
- Knowledge of principles and techniques for providing feedback.
- Knowledge of theories of leadership (for example, transformational, inclusive, and situational).

Cultural Awareness and Inclusion
- Knowledge of methods and techniques to foster cultural awareness, encourage cultural sensitivity, and broaden viewpoints.

Project Management
- Knowledge of project management principles and processes (for example, scheduling, planning, allocating resources, evaluating, and reporting).

Compliance and Ethical Behavior
- Knowledge of laws, regulations, and ethical issues related to the development of instructional content (for example, intellectual property and copyright laws and accessibility requirements).

Domain 2: Building Professional Capability (50 Percent)

Learning Science
- Knowledge of the principles and applications of cognitive science for learning (for example, auditory and visual processing, information storage/retrieval, memory and cognitive load).
- Knowledge of theories and models of adult learning (for example, Knowles’ Adult Learning Theory, Bloom’s Taxonomy, Gagne’s Nine Levels of Learning, Mager’s Criterion-Referenced Instruction Approach, social and collaborative learning, and experiential learning).
- Knowledge of the foundational learning theories of behaviorism, cognitivism, and constructivism.

Instructional Design
- Knowledge of instructional modalities (for example, classroom learning, blended learning, massive open online courses [MOOCs], gamification, multidevice/mobile learning, and virtual reality simulations).
- Knowledge of types and applications of instructional methods and techniques (for example, discussion, self-directed learning, role playing, lecture, action learning, demonstration, and exercise).
- Knowledge of methods and techniques for planning, designing, and developing instructional content.
- Knowledge of the criteria used to assess the quality and relevance of instructional content in relation to a desired learning or behavioral outcome.
- Knowledge of methods and techniques for defining learning and behavioral outcome statements.
• Knowledge of how design thinking and rapid prototyping can be applied to the development of learning and talent development solutions.
• Knowledge instructional design models and processes (for example, ADDIE and SAM).
• Knowledge of how formal and informal learning experiences influence and support individual and group development.

**Training Delivery and Facilitation**
• Knowledge of facilitation methods and techniques.

**Technology Application**
• Knowledge of techniques and approaches to leverage social media platforms and tools to support knowledge sharing, idea exchange, and learning.
• Knowledge of existing learning technologies and support systems (for example, collaborative learning software, learning management systems, authoring tools, and social media).
• Knowledge of communication technologies and their applications (for example, video conferencing, web-conferencing, audience response systems, and presentation software).
• Knowledge of functions, features, limitations, and practical applications of the technologies available to support learning and talent development solutions.

**Knowledge Management**
• Knowledge of methods and techniques for disseminating and sharing knowledge across individuals, groups, and organizations.

**Career and Leadership Development**
• Knowledge of leadership development practices and techniques (for example, formal training programs, job rotation, and coaching or mentoring).
• Knowledge of career development methods and techniques (for example, job rotations and stretch assignments).

**Coaching**
• Skill in helping individuals or teams identify goals, develop realistic action plans, seek development opportunities, and monitor progress and accountability.

**Evaluating Impact**
• Knowledge of models and methods to evaluate the impact of learning and talent development solutions.
• Knowledge of qualitative and quantitative data collection methods, techniques, and tools (for example, observations, interviews, focus groups, surveys, and assessments).
Domain 3: Impacting Organizational Capability (30 Percent)

**Business Insight**
- Knowledge of business strategies and factors that influence an organization’s competitive position in the industry.

**Consulting and Business Partnering**
- Knowledge of needs assessment approaches and techniques.

**Organization Development and Culture**
- Knowledge of work roles, relationships, and reporting structures within an organization.
- Knowledge of strategies and techniques for building, supporting, and promoting an organizational culture that values talent and learning as drivers of competitive advantage.

**Talent Strategy and Management**
- Knowledge of talent management functions (for example, workforce planning, acquisition, employee development, performance management, and compensation and rewards).
- Knowledge of methods to identify critical requirements of tasks, jobs, and roles (for example, job analysis, competency modeling, and leadership competency development).
- Knowledge of approaches for identifying and developing high potential talent.

**Performance Improvement**
- Knowledge of performance analysis methods and techniques (for example, business process analysis, performance gap assessment, and root-cause analysis).
- Knowledge of how human interactions with work environments, tools, equipment, and technology affect individual and organizational performance.

**Change Management**
- Knowledge of how change affects people and organizations.

**Data and Analytics**
- Knowledge of data visualization, including principles, methods, types, and applications (for example, texture and color mapping, data representation, graphs, and word clouds).

**Future Readiness**
- Knowledge of techniques to promote, support, and generate innovation and creativity (for example, design thinking, brainstorming, and ideation).
- Knowledge of emerging learning technologies and support systems (for example, collaborative learning software, learning management systems, authoring tools, and social media).
Appendix B: Sample Questions

Review the following sample questions to get an indication of what to expect on the exam. Correct answers are included in the back of this section.

1. A talent development manager wants to provide effective feedback to direct reports. Which type of feedback is most likely to help the manager's employees feel engaged at work?
   A. Provide corrective feedback when employees have incorrectly completed their work.
   B. Provide frequent positive feedback that praises employees for doing good work.
   C. Provide frequent positive feedback that details how employees' strengths can be applied to future projects.
   D. Provide frequent developmental feedback designed to help employees improve at work.

2. Which action is most likely to have a lasting impact on an organization's learning culture?
   A. Integrating training requirements into the annual performance review system
   B. Launching an incentive program to reward participation in learning activities
   C. Increasing leadership and management training
   D. Conducting an organizational capabilities assessment

3. Which factor should be addressed in project management plans?
   A. Target audience learning style
   B. Budget for the learning project
   C. Learning delivery modes
   D. Adult learning principles

4. Which level of Bloom's taxonomy includes problem-solving techniques, manipulating, designing, and experimenting?
   A. Application
   B. Analysis
   C. Synthesis
   D. Comprehension

5. What is the best reason for providing a change support structure that balances plans and flexibility?
   A. To allow for learning and quick self-correction in the process
   B. To allow for changes from leadership during the change
   C. To allow for fluctuations in the timely delivery of plans
   D. To allow for a predictable approach to change management
6. A talent development (TD) professional notices that several participants in a training session are unmotivated to complete an activity. Instead, the participants are discussing an upcoming business retreat. What would be the most effective way for the TD professional to increase the participants' motivation to learn?

A. Remind the participants of the training guidelines.
B. Engage the participants in a direct conversation.
C. Create an alternate activity that was not included in the original design.
D. Remind the participants of the benefits they will receive from the training.

7. A manager wishes to set goals for a new employee that align with the goals of the team and organization. Which tool should the manager use?

A. An individual development plan
B. A team SWOT (strengths, weaknesses, opportunities, threats) analysis
C. A role-based learning path
D. Organizational key performance indicators

8. What process relies on Kirkpatrick's four levels by putting them into a logical chain of evidence that unifies the learning and business functions?

A. Business cost analysis (BCA)
B. Benefit cost ratio (BCR)
C. Cost-benefit analysis (CBA)
D. Return on expectations (ROE)

9. What is one external driver that directs an organization's strategy, goals, and needs when establishing measures for evaluating its business?

A. Technology
B. Economics
C. Shareholder
D. Financial

10. Recently hired operators of a complex machine at a manufacturing plant are making errors. The machine, though critical to operations, is likely to be replaced soon. Which action would be best for the talent development professional to take to improve the operators' performance?

A. Develop a simulation of machine operations.
B. Create a job aid.
C. Design an online training module.
D. Host a classroom session.
11. Which type of assessment is best for determining the skills, knowledge, and attitudes required for a specific job?
   A. Task assessment  
   B. Organizational assessment  
   C. Individual assessment  
   D. Knowledge assessment

12. A company wants individuals in a leadership development program to have the opportunity to learn from people inside and outside the organization. Individuals who wish to gain knowledge and share their experience with others will be invited to join. Which term best describes the type of program the company is building?
   A. Coaching  
   B. Mentoring  
   C. Training  
   D. Job sharing

13. Which analysis approach should an organization adopt to determine if a new training program will impact organizational effectiveness?
   A. Return on investment  
   B. Kirkpatrick evaluation  
   C. Systems diagnosis  
   D. Knowledge acquisition

14. Which is the best approach for a talent development professional to reduce intercultural communication problems in a training session?
   A. Provide interpreters for delivery of training where learners are likely to speak a common second language.  
   B. Use gestures so that learners from different cultures can understand what is being said.  
   C. Provide presentation materials in writing.  
   D. Adapt the delivery of the message to the cultural viewpoint of the learners.

15. A talent development professional measured and analyzed employees after training for a complex task that is not applied regularly and determined 50% of the attendees met expectations. What is the best solution to increase results?
   A. Communities of practice  
   B. Additional classroom training  
   C. Web-based training  
   D. Electronic performance support system
APTD Practice Questions: Answer Key

Question 1
Answer: C
Test Content Outline topic: 1.3.C
Reference: Focus on Them, p. 105-108

Question 2
Answer: D
Test Content Outline topic: 3.3.B
Reference: Learning for the Long Run Chapter 3, page 62

Question 3
Answer: B
Test Content Outline topic: 1.5.A
Reference: Talent Development Body of Knowledge, 1.5.1.5 and 1.5.1.7

Question 4
Answer: A
Test Content Outline topic: 2.1.B
Reference: ISD From The Ground Up. p.12

Question 5
Answer: A
Test Content Outline topic: 3.6.A
Reference: ASTD Handbook, Chapter 47, page 764

Question 6
Answer: D
Test Content Outline topic: 2.3.A
Reference: The Art and Science of Training, pg 23

Question 7
Answer: A
Test Content Outline topic: 2.7.A
Reference: ATD Foundations of Talent Development, pages 230-231

Question 8
Answer: D
Test Content Outline topic: 2.8.A
Reference: Four Levels of Training Evaluation, pgs 24, 34-35

Question 9
Answer: B
Test Content Outline topic: 3.1.A
Reference: Talent Development Body of Knowledge, 3.1.2
Question 10
Answer: B
Test Content Outline topic: 2.2.B
Reference: Talent Development Body of Knowledge, 2.2.2.4.3

Question 11
Answer: A
Test Content Outline topic: 3.2.A
Reference: ATD Foundations of Talent Development, page 159

Question 12
Answer: B
Test Content Outline topic: 2.6.A

Question 13
Answer: C
Test Content Outline topic: 3.5.A
Reference: ASTD Handbook, chapter 34, page 557-559

Question 14
Answer: D
Test Content Outline topic: 1.4.A
Reference: Destination Facilitation, pg 9 - 11

Question 15
Answer: D
Test Content Outline topic: 2.4.D
Reference: Talent Development Body of Knowledge; 3.5.6
Appendix C: APTD Gap Assessment

ATD Certification Institute’s gap assessment will help you determine your readiness for the APTD certification exam. It can also help you identify personal strengths and areas for growth to support your professional development objectives and help you acquire or strengthen skills and competencies required for success as a talent development professional.

The certification exam and this gap assessment is built on the detailed content outline for the APTD, which details the KSAs needed to be a successful and effective talent development professional in today’s rapidly changing environment.

The APTD detailed content outline is a subset of knowledge and skills from the three domains of practice found in the Talent Development Capability Model that have been determined to be necessary for successful and effective practice in talent development for someone with three years of experience.

I. Building Personal Capability: 20 percent
II. Developing Professional Capability: 50 percent
III. Impacting Organizational Capability: 30 percent

Under each of these essential capability areas are specific knowledge and skill statements identified in the detailed content outline. This gap assessment is constructed from those statements.

In each section of the gap assessment, you should review the knowledge and skill required. Using the keys provided, consider your current level of understanding and experience in each task area. This is your personal assessment of your competence, honesty with yourself is important. Then, determine the gap, if any, that exists and whether any additional development on your part is needed. This exercise will help you assess your current readiness for the APTD certification exam and identify areas where additional experience, study, or mentoring would be beneficial.

Completing this gap assessment does not ensure mastery of the competencies required for the APTD certification exam but helps you assess your readiness, identify your current strengths, and chart a plan for gaining knowledge and skills in areas of desired growth.

Proficiency:
1 - Exploring
   I have had no exposure to this concept OR I have little knowledge or skill in this area.

2 - Informed
   I only have general, conceptual knowledge or awareness of this concept OR I have limited ability to perform this skill. I need reference materials to complete tasks related to this concept.

3 - Capable
   I am able to apply my knowledge of this concept in my work OR I can perform this skill consistently with minimal guidance.

4 - Advanced
   I am able to apply in-depth knowledge of this concept OR I use my experience in this skill to lead or coach others in performing this skill.

5 - Expert
   I provide expert advice and make sound judgments using my knowledge of this concept OR I provide consultation and leadership to others using this skill. I can foster greater understanding of this concept among colleagues and stakeholders.

Development Gap:
3 – Little or no development needed.
2 – Some development needed.
1 – Considerable development needed.
# Certified Associate in Talent Development (APTD)

## Building Personal Capability (20 Percent)

<table>
<thead>
<tr>
<th>Knowledge and Skill Statements</th>
<th>Proficiency</th>
<th>Gap</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.1 Communication</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.1.C Skill in conceiving, developing, and delivering information in various formats and media.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>1.2 Emotional Intelligence and Decision-Making</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.2.A Knowledge of theories of emotional intelligence.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>1.3 Collaboration and Leadership</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.3.A Knowledge of theories, methods, and techniques to build and manage professional relationships (for example, group dynamics, teamwork, shared experience, and negotiation).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>1.3.B Knowledge of methods and criteria for establishing and managing collaboration among various units (for example, finance, operations, IT, and sales/marketing).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>1.3.C Knowledge of principles and techniques for providing feedback.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>1.3.C Knowledge of theories of leadership (for example, transformational, inclusive, and situational).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>1.4 Cultural Awareness and Inclusion</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.4.A Knowledge of methods and techniques to foster cultural awareness, encourage cultural sensitivity, and broaden viewpoints.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>1.5 Project Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.5.A Knowledge of project management principles and processes (for example, scheduling, planning, allocating resources, evaluating, and reporting).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>1.6 Compliance and Ethical Behavior</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.6.A Knowledge of laws, regulations, and ethical issues related to the development of instructional content (for example, intellectual property and copyright laws and accessibility requirements).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
</tbody>
</table>

### Proficiency:

1 – **Exploring** - I have had no exposure to this concept OR I have little knowledge or skill in this area.
2 -- **Informed** - I only have general, conceptual knowledge or awareness of this concept OR I have limited ability to perform this skill. I need reference materials to complete tasks related to this concept.
3 -- **Capable** - I am able to apply my knowledge of this concept in my work OR I can perform this skill consistently with minimal guidance.
4 -- **Advanced** - I am able to apply in-depth knowledge of this concept OR I use my experience in this skill to lead or coach others in performing this skill.
5 -- **Expert** - I provide expert advice and make sound judgments using my knowledge of this concept OR I provide consultation and leadership to others using this skill. I can foster greater understanding of this concept among colleagues and stakeholders.

### Development Gap

3 – Little or no development needed.
2 – Some development needed.
1 – Considerable development needed.
<table>
<thead>
<tr>
<th>Knowledge and Skill Statements</th>
<th>Proficiency</th>
<th>Gap</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2.1 Learning Sciences</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.1.A Knowledge of the principles and applications of cognitive science for learning (for example, auditory and visual processing, information storage/retrieval, memory, and cognitive load).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.1.B Knowledge of theories and models of adult learning (for example, Knowles’ Adult Learning Theory, Bloom’s Taxonomy, Gagne’s Nine Levels of Learning, Mager’s Criterion-Referenced Instruction) approach; social and collaborative learning; and experiential learning.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.1.B Knowledge of the foundational learning theories of behaviorism, cognitivism, and constructivism.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>2.2 Instructional Design</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.2.A Knowledge of instructional modalities (for example, classroom learning, blended learning, massive open online courses [MOOCs], gamification, multidevice/mobile learning, and virtual reality simulations.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.2.B Knowledge of types and applications of instructional methods and techniques (for example discussion, self-directed learning, role playing, lecture, action learning, demonstration, and exercise).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.2.C Knowledge of methods and techniques for planning, designing, and developing instructional content.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.2.D Knowledge of the criteria used to assess the quality and relevance of instructional content in relation to a desired learning or behavioral outcome.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.2.E Knowledge of methods and techniques for defining learning and behavioral outcome statements.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.2.F Knowledge of how design thinking and rapid prototyping can be applied to the development of learning and talent development solutions.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.2.G Knowledge instructional design models and processes (for example ADDIE and SAM).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.2.H Knowledge of how formal and informal learning experiences influence and support individual and group development.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>2.3 Training Delivery and Facilitation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.3.A Knowledge of facilitation methods and techniques.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
</tbody>
</table>

**Proficiency:**

1 -- Exploring - I have had no exposure to this concept OR I have little knowledge or skill in this area.
2 -- Informed - I only have general, conceptual knowledge or awareness of this concept OR I have limited ability to perform this skill. I need reference materials to complete tasks related to this concept.
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4 -- Advanced - I am able to apply in-depth knowledge of this concept OR I use my experience in this skill to lead or coach others in performing this skill.
5 -- Expert - I provide expert advice and make sound judgments using my knowledge of this concept OR I provide consultation and leadership to others using this skill. I can foster greater understanding of this concept among colleagues and stakeholders.

**Development Gap:**

3 – Little or no development needed.
2 – Some development needed.
1 – Considerable development needed.
<table>
<thead>
<tr>
<th>Knowledge and Skill Statements</th>
<th>Proficiency</th>
<th>Gap</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2.4 Technology Application</strong></td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.4.A Knowledge of techniques and approaches to leverage social</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>media platforms and tools to support knowledge exchange, idea</td>
<td></td>
<td></td>
</tr>
<tr>
<td>exchange, and learning.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.4.B Knowledge of existing learning technologies and support</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>systems (for example, collaborative learning software, learning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>management systems, authoring tools, and social media).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.4.C Knowledge of communication technologies and their applications (for example, video conferencing, web conferencing, audience response systems, and presentation software).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.4.D Knowledge of functions, features, limitations, and practical applications of the technologies available to support learning and talent development solutions.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>2.5 Knowledge Management</strong></td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.5.A Knowledge of methods and techniques for disseminating and sharing knowledge across individuals, groups, and organizations.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2.6 Career and Leadership Development</strong></td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.6.A Knowledge of leadership development practices and techniques (for example, formal training programs, job rotation, and coaching and/or mentoring).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.6.B Knowledge of career development methods and techniques (for example, job rotations and stretch assignments).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>2.7 Coaching</strong></td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.7.A Skill in helping individuals or teams identify goals, develop realistic action plans, seek development opportunities, and monitor progress and accountability.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2.8 Evaluating Impact</strong></td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>2.8.A Knowledge of models and methods to evaluate the impact of learning and talent development solutions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.8.B Knowledge of qualitative and quantitative data collection methods, techniques, and tools (for example, observations, interviews, focus groups, surveys, and assessments).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
</tbody>
</table>

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**Development Gap:**
3 -- Little or no development needed
2 -- Some development needed
1 -- Considerable development needed
## Impacting Organizational Capability (30 Percent)

<table>
<thead>
<tr>
<th>Knowledge and Skill Statements</th>
<th>Proficiency</th>
<th>Gap</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3.1 Business Insight</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.1.A Knowledge of business strategies and factors that influence an organization's competitive position in the industry.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>3.2 Consulting and Business Partnering</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2.A Knowledge of needs assessment approaches and techniques.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>3.3 Organization Development and Culture</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.3.A Knowledge of work roles, relationships, and reporting structures within an organization.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>3.3.B Knowledge of strategies and techniques for building, supporting, and promoting an organizational culture that values talent and learning as drivers of competitive advantage.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>3.4 Talent Strategy and Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.4.A Knowledge of talent management functions (for example, workforce planning, acquisition, employee development, performance management, and compensation and rewards).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>3.4.B Knowledge of methods to identify critical requirements of tasks, jobs, and roles (for example, job analysis, competency modeling, and leadership competency development).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>3.4.C Knowledge of approaches for identifying and developing high potential talent.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>3.5 Performance Improvement</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.5.A Knowledge of performance analysis methods and techniques (for example, business process analysis, performance gap assessment, and root-cause analysis).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>3.5.B Knowledge of how human interactions with work environments, tools, equipment, and technology affect individual and organizational performance.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>3.6 Change Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.6.A Knowledge of how change impacts people and organizations.</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
</tbody>
</table>

**Proficiency:**

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**Development Gap**

3 -- Little or no development needed.
2 -- Some development needed.
1 -- Considerable development needed.
<table>
<thead>
<tr>
<th>Knowledge and Skill Statements</th>
<th>Proficiency</th>
<th>Gap</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3.7 Data and Analytics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.7.A Knowledge of data visualization, including principles, methods, types and applications (for example, texture and color mapping, data representation, graphs, word clouds).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td><strong>3.8 Future Readiness</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.8.A Knowledge of techniques to promote, support, and generate innovation and creativity (for example, design thinking, brainstorming, and ideation).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
<tr>
<td>3.8.B Knowledge of emerging learning technologies and support systems (for example, collaborative learning software, learning management systems, authoring tools, and social media).</td>
<td>1 2 3 4 5</td>
<td>1 2 3</td>
</tr>
</tbody>
</table>

**Proficiency:**

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**Development Gap**

3 – Little or no development needed.
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1 – Considerable development needed.
Appendix D: APTD Sample Study Plan

This study plan template is for a 10-week study schedule for a typical APTD candidate. However, you should adjust this based on the amount of experience you have in the various content areas.

<table>
<thead>
<tr>
<th>Content Area</th>
<th>Time Required</th>
<th>Scheduled For</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Developing Personal Capability (20 Percent)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Communication:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Skill in conceiving, developing, and delivering information in various formats and media (for example, reports, briefings, memorandums, presentations, articles, and emails).</td>
<td>2 hours</td>
<td>Week 1</td>
</tr>
<tr>
<td><strong>Content Resource:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Emotional Intelligence and Decision Making:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of theories of emotional intelligence</td>
<td>2 hours</td>
<td>Week 1</td>
</tr>
<tr>
<td><strong>Content Resource:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Collaboration and Leadership</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of theories, methods, and techniques to build and manage professional relationships (for example, group dynamics, teamwork, shared experience, and negotiation).</td>
<td>4 hours</td>
<td>Week 1</td>
</tr>
<tr>
<td>• Knowledge of methods and criteria for establishing and managing collaboration among various units (for example, finance, operations, IT, and sales/marketing).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of principles and techniques for providing feedback.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of theories of leadership (for example, transformational, inclusive, and situational).</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cultural Awareness and Inclusion:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of methods and techniques to foster cultural awareness, encourage cultural sensitivity, and broaden viewpoints.</td>
<td>2 hours</td>
<td>Week 2</td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Project Management:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of project management principles and processes (for example, scheduling, planning, allocating resources, evaluating, and reporting).</td>
<td>4 hours</td>
<td>Week 2</td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Compliance and Ethical Behavior:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of laws, regulations, and ethical issues related to the development of instructional content (for example, intellectual property, copyright laws, and accessibility requirements).</td>
<td>2 hours</td>
<td>Week 2</td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Study Hours Planned for Domain 1</strong></td>
<td>16 hours</td>
<td></td>
</tr>
</tbody>
</table>
## 2. Building Professional Capability (50 Percent)

<table>
<thead>
<tr>
<th>Content Area</th>
<th>Time Required</th>
<th>Scheduled For</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Learning Sciences</strong></td>
<td>6 hours</td>
<td>Week 3</td>
</tr>
<tr>
<td>- Knowledge of the principles and applications of cognitive science for learning (for example, auditory and visual processing, information storage/retrieval, memory, and cognitive load).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Knowledge of theories and models of adult learning (for example, Knowles’ Adult Learning Theory, Bloom’s Taxonomy, Gagne’s Nine Levels of Learning, Mager’s Criterion-Referenced Instruction Approach, social and collaborative learning, and experiential learning).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Knowledge of the foundational learning theories of behaviorism, cognitivism, and constructivism.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Training Delivery and Facilitation:**

- Knowledge of facilitation methods and techniques.

**Content Resource(s):**

**Instructional Design**

- Knowledge of instructional modalities (for example, classroom learning, blended learning, massive open online courses [MOOCs], gamification, multidevice/mobile learning, and virtual reality simulations).
- Knowledge of types and applications of instructional methods and techniques (for example, discussion, self-directed learning, role playing, lecture, action learning, demonstration, and exercise).
- Knowledge of methods and techniques for planning, designing, and developing instructional content.
- Knowledge of the criteria used to assess the quality and relevance of instructional content in relation to a desired learning or behavioral outcome.
- Knowledge of methods and techniques for defining learning and behavioral outcome statements.
- Knowledge of how design thinking and rapid prototyping can be applied to the development of learning and talent development solutions.
- Knowledge instructional design models and processes (for example, ADDIE and SAM).
- Knowledge of how formal and informal learning experiences influence and support individual and group development.

**Content Resources:**
## 2. Building Professional Capability (50 Percent)

<table>
<thead>
<tr>
<th>Content Area</th>
<th>Time</th>
<th>Week</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Technology Application</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of techniques and approaches to leverage social media platforms and tools to support knowledge sharing, idea exchange, and learning.</td>
<td>4 hours</td>
<td>Week 5</td>
</tr>
<tr>
<td>• Knowledge of existing learning technologies and support systems (for example, collaborative learning software, learning management systems, authoring tools, and social media).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of communication technologies and their applications (for example, video conferencing, web conferencing, audience response systems, and presentation software).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of functions, features, limitations, and practical applications of the technologies available to support learning and talent development solutions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Content Resources:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Knowledge Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of methods and techniques for disseminating and sharing knowledge across individuals, groups, and organizations.</td>
<td>2 hours</td>
<td>Week 5</td>
</tr>
<tr>
<td><strong>Career and Leadership Development</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of leadership development practices and techniques (for example, formal training programs, job rotation, and coaching and mentoring).</td>
<td>2 hours</td>
<td>Week 5</td>
</tr>
<tr>
<td>• Knowledge of career development methods and techniques (for example, job rotations and stretch assignments).</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Content Resources:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Coaching</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Skill in helping individuals or teams identify goals, develop realistic action plans, seek development opportunities, and monitor progress and accountability.</td>
<td>2 hours</td>
<td>Week 6</td>
</tr>
<tr>
<td><strong>Content Resources:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Evaluating Impact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of models and methods to evaluate the impact of learning and talent development solutions.</td>
<td>6 hours</td>
<td>Week 6</td>
</tr>
<tr>
<td>• Knowledge of qualitative and quantitative data collection methods, techniques, and tools (for example, observations, interviews, focus groups, surveys, and assessments).</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Content Resources:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Study Hours Planned for Domain 2</strong></td>
<td>32 hours</td>
<td></td>
</tr>
</tbody>
</table>
### 3. Impacting Organizational Capability (30 Percent)

<table>
<thead>
<tr>
<th>Content Area</th>
<th>Time Required</th>
<th>Scheduled For</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Business Insight</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of business strategies and factors that influence an organization’s competitive position in the industry.</td>
<td>2 hours</td>
<td>Week 7</td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Consulting and Business Partnering</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of needs assessment approaches and techniques.</td>
<td>2 hours</td>
<td>Week 7</td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Organization Development and Culture</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of work roles, relationships, and reporting structures within an organization.</td>
<td>4 hours</td>
<td>Week 7</td>
</tr>
<tr>
<td>• Knowledge of strategies and techniques for building, supporting, and promoting an organizational culture that values talent and learning as drivers of competitive advantage.</td>
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<td></td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Talent Strategy and Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of talent management functions (for example, workforce planning, acquisition, employee development, performance management, and compensation and rewards).</td>
<td>6 hours</td>
<td>Week 8</td>
</tr>
<tr>
<td>• Knowledge of methods to identify critical requirements of tasks, jobs, and roles (for example, job analysis, competency modeling, and leadership competency development).</td>
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<td></td>
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<tr>
<td>• Knowledge of approaches for identifying and developing high potential talent.</td>
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<td></td>
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<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Change Management</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of how change impacts people and organizations.</td>
<td>2 hours</td>
<td>Week 8</td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Performance Improvement</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of performance analysis methods and techniques (for example, business process analysis, performance gap assessment, and root-cause analysis).</td>
<td>4 hours</td>
<td>Week 9</td>
</tr>
<tr>
<td>• Knowledge of how human interactions with work environments, tools, equipment, and technology affect individual and organizational performance.</td>
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<td></td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 3. Impacting Organizational Capability (30%)

<table>
<thead>
<tr>
<th>Content Area</th>
<th>Time Required</th>
<th>Scheduled For</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Data and Analytics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of data visualization, including principles, methods, types, and applications (for example, texture and color mapping, data representation, graphs, word clouds).</td>
<td>2 hours</td>
<td>Week 9</td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Future Readiness</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Knowledge of techniques to promote, support, and generate innovation and creativity (for example, design thinking, brainstorming, and ideation).</td>
<td>2 hours</td>
<td>Week 9</td>
</tr>
<tr>
<td>• Knowledge of emerging learning technologies and support systems (for example, collaborative learning software, learning management systems, authoring tools, and social media).</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Content Resource(s):</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Study Hours for Domain 3</strong></td>
<td>24 hours</td>
<td></td>
</tr>
<tr>
<td><strong>Review of Weaker Capability Areas</strong></td>
<td>8 hours</td>
<td>Week 10</td>
</tr>
<tr>
<td><strong>Total Study Hours to Prepare</strong></td>
<td>80 hours</td>
<td></td>
</tr>
</tbody>
</table>
Appendix E: Reference Resource List

This list is designed to assist candidates in finding publications to aid in filling knowledge gap areas. It is not designed to be exhaustive or intended to be a must-read list. Each candidate will have their own gaps and their own personal libraries from which to prepare. The list has been organized by capability area. Several publications may be found in more than one capability.

These resources are more comprehensive in nature, covering multiple topics across several capabilities:

- Talent Development Body of Knowledge (2020), ATD Press

1. Building Personal Capability

1.1 Communication


1.2 Emotional Intelligence and Decision-Making


1.3 Collaboration and Leadership


1.4 Cultural Awareness and Inclusion

<table>
<thead>
<tr>
<th>2. Developing Professional Capability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2.1 Learning Sciences</strong></td>
</tr>
<tr>
<td><strong>2.2 Instructional Design</strong></td>
</tr>
<tr>
<td><strong>2.3 Training Delivery and Facilitation</strong></td>
</tr>
<tr>
<td><strong>2.4 Technology Application</strong></td>
</tr>
<tr>
<td><strong>2.5 Knowledge Management</strong></td>
</tr>
<tr>
<td>• O’Dell, C &amp; Grayson, C.J. <em>If We Only Knew What We Know: The Transfer of Internal Knowledge</em>. 2012, New York: Free Press.</td>
</tr>
<tr>
<td><strong>2.6 Career and Leadership Development</strong></td>
</tr>
</tbody>
</table>
### 2.7 Coaching

### 2.8 Evaluating Impact

### 3. Impacting Organizational Capability
#### 3.1 Business Insight

#### 3.2 Consulting and Business Partnering

#### 3.3 Organization Development and Culture
### 3.4 Talent Strategy and Management


### 3.5 Performance Improvement


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### 3. Impacting Organizational Capability

#### 3.6 Change Management


#### 3.7 Data and Analytics


#### 3.8 Future Readiness

Appendix F: Supplemental Resources

Here are some supplemental resources that have been helpful to other APTD candidates:

1) **APTD Certification Handbook**: All candidates should be sure to read the APTD Certification Handbook carefully to be aware of the policies and procedures that govern the certification process. The most recent handbook can be found here: [www.td.org/aptdhandbook](http://www.td.org/aptdhandbook).

2) **APTD Candidate Preparation LinkedIn Group**: ATD facilitates a LinkedIn group for APTD candidates. We post useful information in the group, and it allows candidates to network or share information with one another. You can find the group here: [linkedin.com/groups/8660635/](http://linkedin.com/groups/8660635/)

3) **Active Candidates page**: ATD CI uses this page to store files and resources that may be useful to active candidates, including the most recent certification handbooks. [td.org/certification/active-candidates](http://td.org/certification/active-candidates).

4) **Capability Model FAQ page**: Additional information about the ATD Capability model can be found here: [td.org/capability-model](http://td.org/capability-model).

5) **Talent Development Body of Knowledge**: The Talent Development Body of Knowledge (TDBoK) provides additional detail on each of the capabilities included in the ATD Capability Model. The Talent Development Body of Knowledge can be found at [td.org/tdbok](http://td.org/tdbok). Keep in mind that not all capability statements are tested on the APTD exam and the TDBoK should not be the only resource that you should use to study for the exam. That is because the exam is practice-based and will focus on how to apply the concepts. The TDBoK covers the WHAT and WHY of the capabilities but not the HOW.

6) **Reference Resource List**: The reference resource list in Appendix E of this study planning guide should be used to deepen your knowledge and understanding of how to apply the concepts tested on the APTD exam. You do not need to read all books on this list, but they should be viewed as the best sources of information on the topics tested on the exam.

7) **Preparation Course**: The ATD Education department has developed a new preparation course to help candidates pursuing the APTD credential that is based on the new Capability Model. The information for that course can be found here: [td.org/certification/aptd/prepare](http://td.org/certification/aptd/prepare).

8) **Sample Questions**: There is a full-length practice test in the APTD on-demand course. However, there are now 20 sample questions available on the td.org website that can be accessed from this page: [https://www.td.org/certification/sample-questions](https://www.td.org/certification/sample-questions). The sample questions are not intended to be diagnostic or a prediction of performance on the exam.

9) **Online Flashcards**: Online flashcard systems such as Quizlet and Brainscape have been helpful to candidates in the past. Please be aware that these flashcards are not prepared by ATD and are likely to reflect the old version of the ATD Competency Model and not the newer capability model.

10) **Recent Webinars**: ATD CI periodically holds webinars on topics of interest to candidates, including preparing for the exams. A list of the most recent webinars can be found [here](http://td.org) on the td.org website.

11) **Virtual Mentoring and ATD Staff Zoom Calls**: The ATD CI staff holds open zoom calls each month to answer candidate questions. In addition, a virtual mentoring call is held every other month with current APTD credential holders to answer questions from candidates and prospective candidates. See [this page](http://td.org/certification/zoom) to register for an upcoming call.

12) **Chapter Study Groups**: Your local ATD Chapter may support a certification study group. For currently sponsored study groups see this list: [https://www.td.org/chapters/clc/chapter-study-groups](https://www.td.org/chapters/clc/chapter-study-groups). For more information on your local chapter go to [td.org/chapter-locator](http://td.org/chapter-locator).