

MINNESOTA TECH FOR SUCCESS



Week 1 & 2:
Introduction to IT

10/9/2024

Agenda

- **Announcements**
- **Classroom (1 – 1:30pm)**
 - Introduction to IT
 - Introduction: Chad
 - Rules & Expectations
 - Assignment (if applicable)
- **Break (5 min)**
- **Classroom (1:35 – 2:30pm)**
 - HTML/CSS: Esther
- **Break (5 min)**
- **Warehouse (2:35 – 3:30pm)**
 - Intro to intake





○

ANNOUNCEMENTS

+

○

•

Announcements for 10/9

- **Next Session:** Wednesday, 10/23
 - No Session on Wednesday, 10/16 – Teacher PD Day
- ITE & ITD Program
- Media Release forms
- Assignments
 - Life & Technology
 - Check website for updates & directions



INTRODUCTION

To Chad





EXPECTATIONS



Expectations - Values

- **Values**

- **R**espect
- **A**ccountability
- **I**mprovement
- **S**teadfast
- **E**ncouragement

- **Classroom & Warehouse**

- Food & beverages
- Recycle when possible

Expectations - Attendance

- **If you will be late or miss a session:**
 - **Please send a combined email to – Chad, Tammy**
 - **Include:** Reason & when you expect to be on site
- **MTFS**
 - Tracks attendance and work hours
 - Sends list to Great River School

Expectations – Check In & Out; Assignments

- **Checking In**

1. Sign in at the front
2. Obtain and wear a lanyard – must always be on

- **Checking Out**

1. Clean workstations
2. Put away laptop and equipment
3. Sign out at the front
4. Return lanyard

- **Assignments** – Due by start of CAS session Wednesday 1pm CT

Our Websites

- **MTFS Website - <https://techforsuccess.org>**
- **MTFS-CAS Student Website – <https://mntechlearn.org>**

INTRODUCTION TO IT



Information Technology

- **Information technology (IT)**
 - the use of systems, computers, and other devices to create, process, store, send, and retrieve electronic data for various purposes
- **Also includes:** programming languages, software, data & information processing



Information Technology - Certifications

- AWS Certified [Solutions Architect](#) – Associate
- Certified Data Privacy [Solutions Engineer](#) (CDPSE)
- Certified Cloud Security Professional (CCSP)
- Certified Data Professional (CDP)
- Certified [Ethical Hacker](#) (CEH)
- Certified [Information Security Manager](#) (CISM)
- Certified Information Systems Auditor (CISA)
- Certified ScrumMaster (CSM)
- Cisco Certified Network Professional (CCNP)
- CompTIA certifications
- Google Professional [Cloud Architect](#)
- GIAC Security Essentials
- ITIL 4 Foundation Level Certification
- Project Management Professional (PMP)
- VMware Certified Professional
- Certified Information Systems Security Professional (CISSP)
- Certified in Risk and Information Systems Control (CRISC)

Information Technology – Jobs & Salaries

- **Google Cloud** – Professional Cloud Architect (\$200K)
- **PMP**: Project Management Professional (\$176k)
- **AWS** Certified Solutions Architect – Professional (\$175K)
- **CISM** – Certified Information Security Manager (\$165K)
- **CISSP** - Certified Information Systems Security Professional (\$155K)

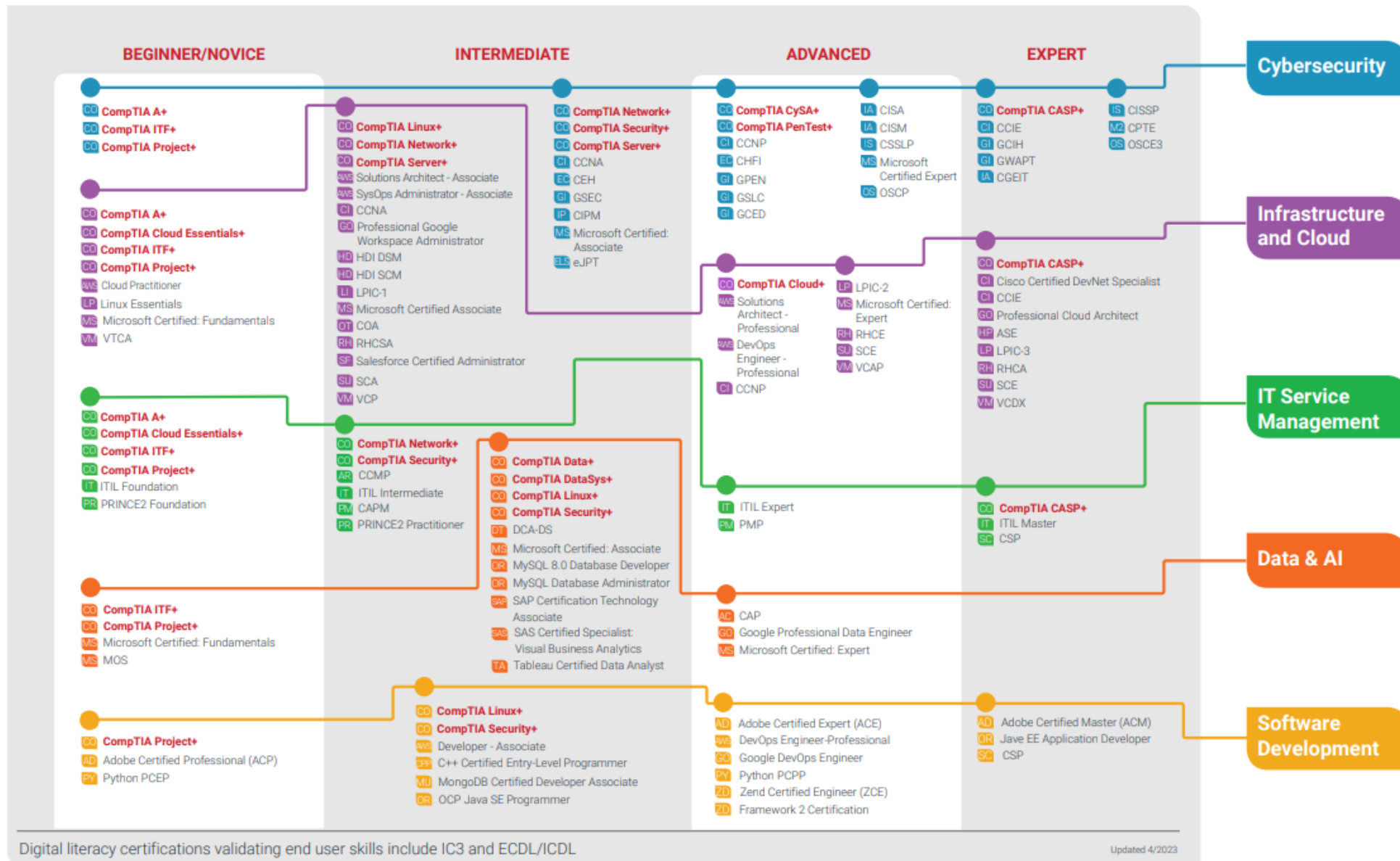


IT Certification Roadmap

Explore the possibilities with the CompTIA Interactive IT Roadmap at:
CompTIA.org/CertsRoadmap

CompTIA

Certifications validate expertise in your chosen career.



Digital literacy certifications validating end user skills include IC3 and ECDL/ICDL

Updated 4/2023

*Microsoft provides three certification paths. Please visit Microsoft's webpage for a full list of their offerings: <https://bit.ly/3tJYm8Z>

Troubleshooting Methodology

1. Identify the problem

- Gather information from the user, identify user changes, and, if applicable, perform backups before making changes
- Inquire regarding environmental or infrastructure changes

2. Establish a theory of probable cause

- If necessary, conduct external or internal research based on symptoms

3. Test the theory to determine the cause

- Once the theory is confirmed, determine the next steps to resolve the problem
- If the theory is not confirmed, re-establish a new theory or escalate

4. Establish a plan of action to resolve the problem and implement the solution

- Refer to the vendor's instruction for guidance

5. Verify full system functionality and, if applicable, implement preventive measures

6. Document the findings, actions, and outcomes

BREAK

5 minutes

