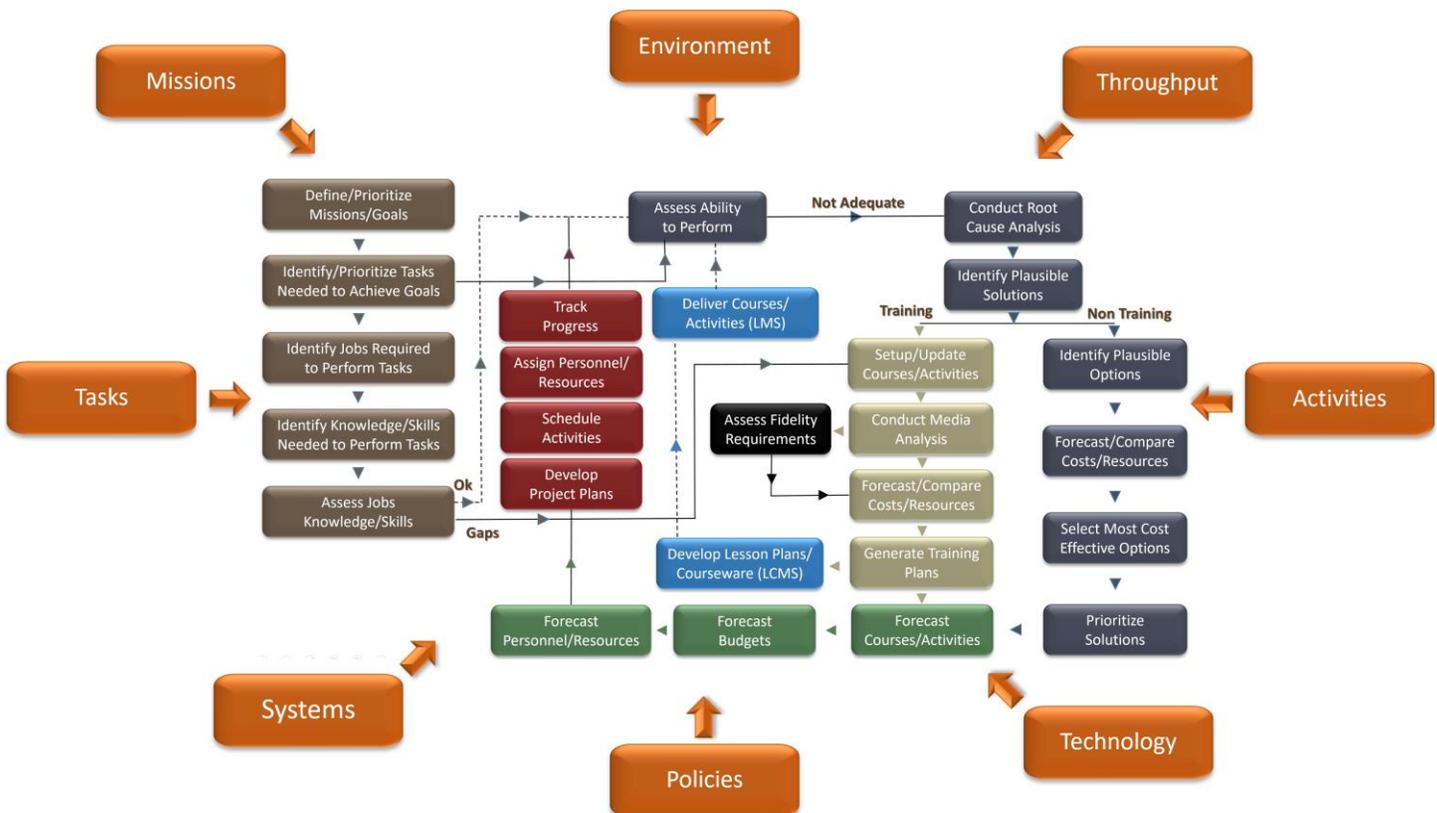


## Training Life Cycle Management

ADVISOR maintains training effectiveness and efficiency over time by continually assessing the impact of changes to missions, tasks, systems, policies, technologies, throughput, and so forth on training content and activities; as well as budget, personnel and resource requirements. This is attained through a digital-twin model that continually aligns training activities to operational requirements to identify gaps, duplications and training with minimal value. Results (personnel/resource requirements for any time period; cost drivers; bottlenecks and deficiencies) are quickly and concisely communicated through dashboards. Actions that drive training effectiveness and efficiency are also highlighted.

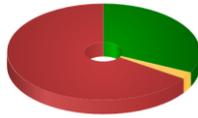
**ADVISOR cuts time needed to conduct TSRA's from 18 months to 6 months.**

Jeffrey Hogan  
Lead TSRA Analyst, USfalcon



# Continual insights to drive training effectiveness and efficiency ...

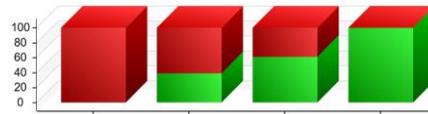
## Training Alignment



● High ● Medium ● Low

**Reveal Training Creep:** Map training activities to operational requirements to identify and highlight training that is no longer relevant.

## Training Gap



**Identify Training Gaps:** Identify training requirements that are not being addressed; including potential impact on missions/goals.

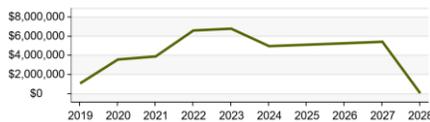
## Training Duplication



● High ● Medium ● Low

**Minimize Duplication:** Identify similar Knowledge/Skills delivered within multiple courses.

## Training Cost



**Facilitate Budget and Resource Management:** Quickly forecast training activities, budget and personnel/resource requirements for any time period.

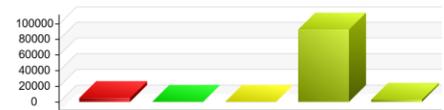
## Cost Drivers



● Development ● Administrative ● Instructors ● Transmission  
● Courseware ● Management ● Facilities ● Maintenance  
● Hardware ● Trainees ● Operating ● Support

**Uncover Cost Drivers:** Forecast spending over training programs life cycle to uncover cost drivers – i.e., activities that consume the most budget, personnel and resources.

## Training Cost per Individual



**Uncover Cost per Trainee:** Identify courses/activities needed to attain specific set of qualifications including cost breakdown.

## Resources Utilization/Bottlenecks



● No Conflict ● Conflict

**Facilitate Resource Management:** Forecast personnel and resources needed to undertake current and upcoming projects, and map to existing capabilities to identify excess capabilities and bottlenecks.

## Recommended Media



● Instructor-Led ● CBT/WBT/SG ● EPSS ● Training Devices  
● Print ● Mobile Learning ● Conferencing ● Virtual Reality  
● Tapes ● Social Learning ● Internet

**Leverage Training Technology:** Identify viable technologies that could improve training effectiveness and efficiency.

## Time to Competency (hours)



**Uncover Time to Competency:** Identify courses/activities needed to attain specific set of competencies, including time required.

**Reduced credit training by 20% from 15 to 12 months**

US Department of Treasury

**Identified 275 hours of common training between 4 technicians**

Canadian Air Force

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