

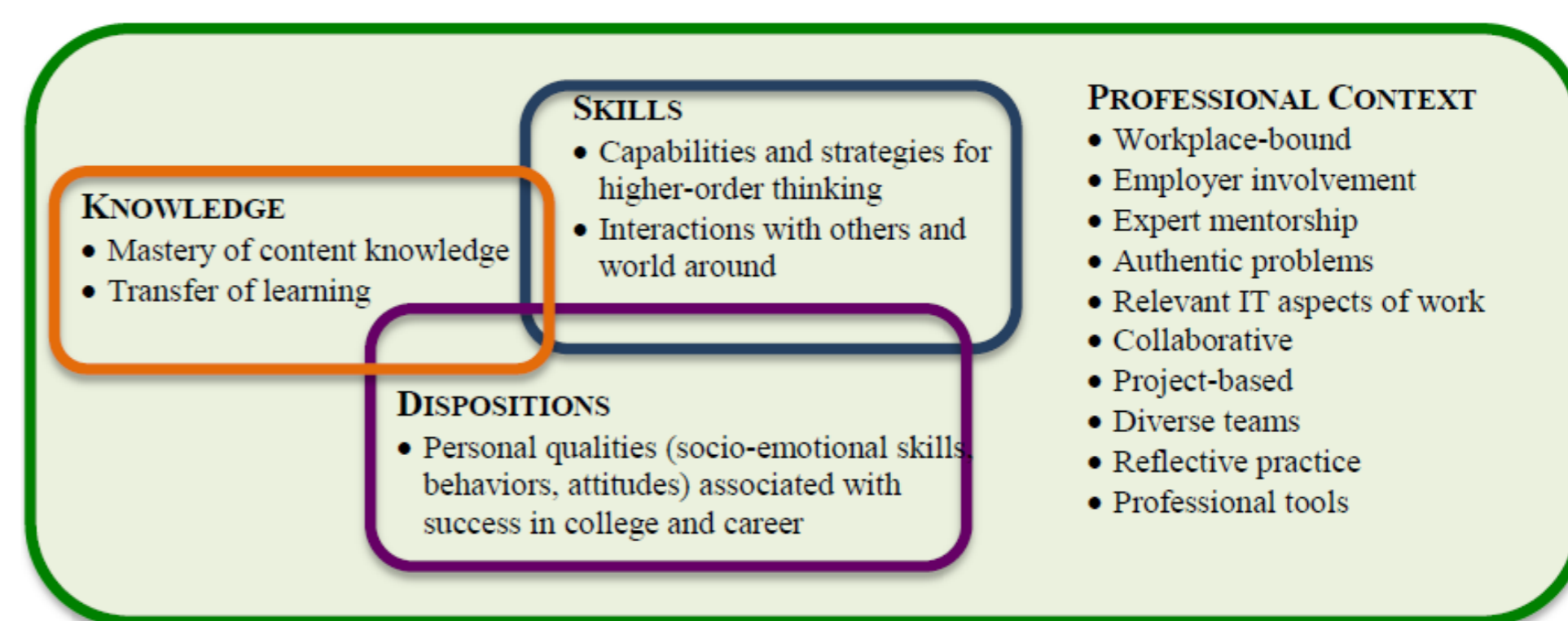
Adapting the IT2017 Curricula for 2-year Transfer Programs

Which Information Technology Competencies should students achieve during the first two years of a Baccalaureate IT program?

Competencies

A competency-based approach to an IT curricular framework considers the long-term goal of learning to *achieve genuine competence through ongoing transfer* of what students learn through college and graduates develop in their professions and advanced academic studies. (IT2017)

IT COMPETENCIES = (KNOWLEDGE + SKILLS + DISPOSITIONS) IN CONTEXT



IT2017 Domains

Essential IT Domains

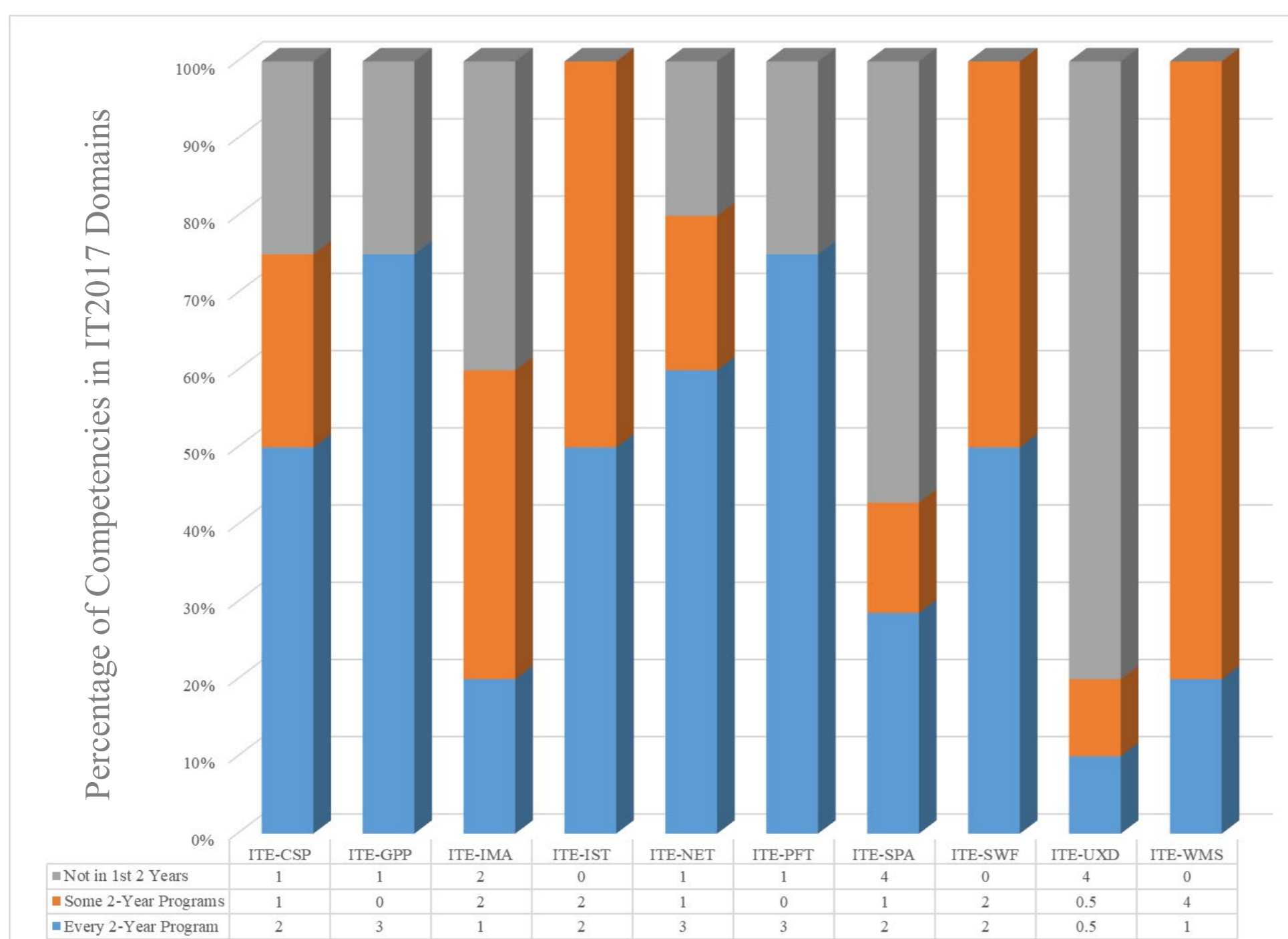
ITE-CSP	Cybersecurity Principles
ITE-GPP	Global Professional Practice
ITE-IMA	Information Management
ITE-IST	Integrated Systems Technology
ITE-NET	Networking
ITE-PFT	Platform Technologies
ITE-SPA	System Paradigms
ITE-SWF	Software Fundamentals
ITE-UXD	User Experience Design
ITE-WMS	Web and Mobile Systems

Supplemental IT Domains

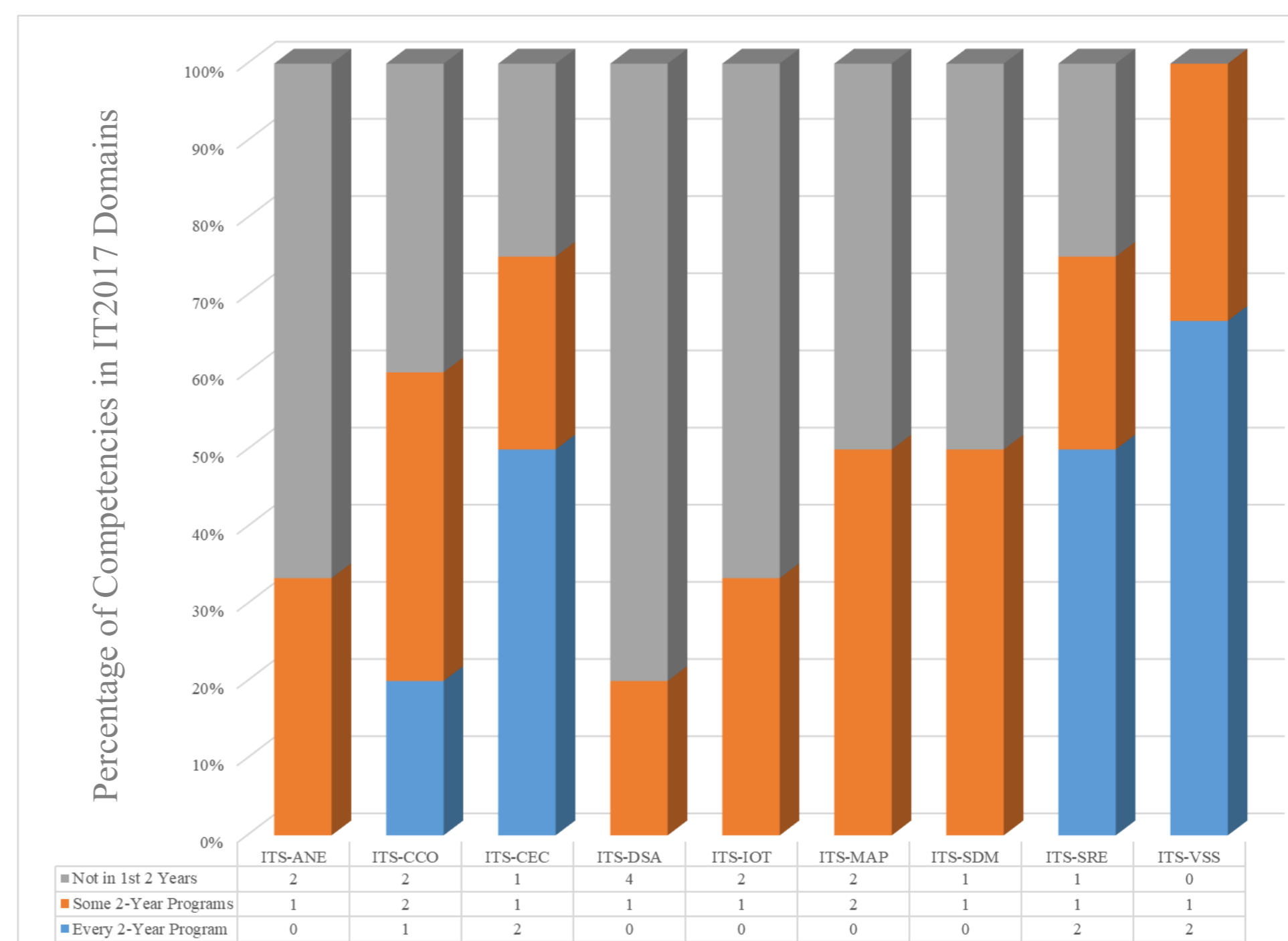
ITS-ANE	Applied Networks
ITS-CCO	Cloud Computing
ITS-CEC	Cybersecurity Emerging Challenges
ITS-DSA	Data Scalability and Analytics
ITS-IOT	Internet of Things
ITS-MAP	Mobile Application
ITS-SDM	Software Development and Management
ITS-SRE	Social Responsibility
ITS-VSS	Virtual Systems and Services

IT Transfer Curriculum

Competencies from **Essential** IT Domains included in IT Transfer



Competencies from **Supplemental** IT Domains included in IT Transfer



1. Should an IT2017 Supplemental Competency be considered for inclusion in every IT Transfer program?
2. How should 2-year IT Transfer programs best communicate which Competencies their students have completed?
3. How effectively can Work-Based Learning support student learning in IT Transfer programs?

Authors: Markus Geissler, Cara Tang, Christian Servin, Cindy S. Tucker, Melissa Stange

