

ISO/IEC/IEEE 26516:2026-02 (E)

Systems and software engineering - Development and production of instructional videos

Contents

Page

- Foreword v
- Introduction vi
- 1 Scope 1
- 2 Normative references 1
- 3 Terms and definitions 1
- 4 Conformance 3
- 5 Roles and responsibilities 4
 - 5.1 General 4
 - 5.2 Manager 4
 - 5.2.1 Production manager 4
 - 5.2.2 Project manager 4
 - 5.3 Producer 4
 - 5.4 Video developer 4
 - 5.5 Director 4
 - 5.6 Camera operator 4
 - 5.7 Animator 4
 - 5.8 Production designer 5
 - 5.9 Editor 5
 - 5.10 Sound designer 5
 - 5.11 Lighting technician 5
 - 5.12 Reviewer or tester 5
 - 5.13 Narrator 5
 - 5.14 Actor 5
- 6 Instructional video processes 5
 - 6.1 Management 5
 - 6.1.1 General 5
 - 6.1.2 Planning the instructional video project 6
 - 6.1.3 Requirements, objectives and constraints of project 6
 - 6.1.4 Project objectives and goals 7
 - 6.1.5 Requirements for instructional videos 7
 - 6.1.6 Constraints on use of content 7
 - 6.1.7 Schedule constraints 7
 - 6.1.8 Usability objectives 7
 - 6.1.9 Managing the instructional video project 7
 - 6.2 Production 8
 - 6.2.1 General 8
 - 6.2.2 Pre-production 8
 - 6.2.3 Video production 14
 - 6.2.4 Post-production 16
 - 6.3 Publishing, delivery file format and output 17
 - 6.4 Maintenance and versioning 17
 - 6.5 Quality assurance 17
- 7 The instructional video product 18
 - 7.1 Structure of instructional video 18
 - 7.1.1 General 18
 - 7.1.2 Title 18
 - 7.1.3 Preliminary and preview information 18

	Preliminary and preview information	
7.1.4	Task demonstration components	19
7.1.5	Instructional steps	20
7.1.6	Review and completion information	20
7.2	Complexity	21
7.3	Accessibility	21
7.4	User control	22
7.5	Content of transitions within and between steps	23
7.6	Segmentation	23
	7.6.1 General	23
	7.6.2 Segments	23
	7.6.3 Pausing	23
7.7	Visual presentation of information	23
7.8	Visual pointing elements	24
7.9	Combination of oral and written information	24
7.10	Translation	24
7.11	Narration	24
Annex A	(informative) Video types	26
Annex B	(informative) Video cuts	27
Annex C	(Informative) Use of artificial intelligence (AI) with instructional video	29
Bibliography		31
IEEE notices and abstract		32