

ZETTL - STUDY GUIDE - CHAPTER 12 & 14 - MOTION

Revised: 11/15/05

NOTE: Unlike other study guides, this one covers parts of two chapters (actually, all of Chapter 13 and part of Chapter 14). Since I have “mixed” all of that together in lecture, I have also done so with these questions, giving them to you in the order they are being covered in class.

1. How is MOTION a manifestation of time?
2. What is the BASIC STRUCTURAL UNIT OF FILM?
3. Why are FILM AND TELEVISION ILLUSIONS? What is PERSISTENCE OF VISION?
4. What is the BASIC STRUCTURAL UNIT OF TELEVISION?
5. What does it mean to ESTABLISH A FRAME OF REFERENCE for viewers? How is FIGURE-GROUND a part of that? What ROLE do the EDGES OF THE FRAME play?
6. What is MOTION PARADOX?
7. Explain FIGURE-GROUND REVERSAL.
8. What is PERCEIVED SPEED? How does it relate to OBJECT SPEED? How does LENS CHOICE and BLOCKING impact perceived speed?
9. What is FRAME DENSITY? What is the FRAME DENSITY of FILM and NTSC TELEVISION?
10. How is SLOW MOTION achieved in FILM? In TELEVISION?
11. How is a FREEZE FRAME achieved in FILM? In TELEVISION?
12. What is ACCELERATED MOTION? How is it ACHIEVED IN FILM and TELEVISION?
13. What is PRIMARY MOTION? How is primary motion INHERENT IN THE EVENT?
14. What is SECONDARY MOTION? How is secondary motion MEDIUM-DEPENDENT rather than event-dependent?
15. What are the MOTIVATIONS FOR SECONDARY MOTION?
16. Explain X-AXIS SECONDARY MOTION, including PAN, TRUCK, TRACK, ARC.
17. Explain Y-AXIS SECONDARY MOTION, including TILT, PEDESTAL, CRANE.
18. Explain Z-AXIS SECONDARY MOTION, including DOLLY, ZOOM.
19. COMPARE AND CONTRAST a ZOOM and a DOLLY, including the effect on field of view, depth of field, spatial relationships, and motion.
20. What is TERTIARY MOTION?
21. What is a CUT? What FUNCTIONS does a cut serve? How does a cut PERMIT THE MANIPULATION AND CONSTRUCTION OF SCREEN SPACE?
22. What is a SMOOTH CUT? A BAD CUT? A JUMP CUT?
23. What is a DISSOLVE? What are the FUNCTIONS of a dissolve?
24. What is a FADE? What are the FUNCTIONS of a fade?
25. What are DIGITAL VIDEO EFFECTS (DVE)? What are the FUNCTIONS of DVEs?