

# 2021 CLFP Body of Knowledge

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# History & Overview of Equipment Finance and Leasing

Ancient History

Middle Ages

Industrial Revolution

Railroad Industry

Early 1900s

Independent Leasing Companies

Captives

History of Modern Equipment Finance

1950s

*Government Efforts to Stimulate Economy*

*Advancement of Technology*

*Section 167*

*Revenue Ruling 55-540*

1960s

*ITC*

*Accelerated Depreciation*

1970s

*Revenue Procedure 75-21*

*FASB 13*

1980s

*ERTA*

*TEFRA*

*DRA*

*ACRS*

*TRA '86*

*AMT*

*Competitive Equality Banking Act*

1990s

Small-Ticket Scoring Models

Bank Acceptance of TPOs

Creative Financing Structures & Large-Ticket Leasing

*Double-Dip Leases*

*Form and Substance*

*Leveraged Leases*

*Defeased Transactions*

*LILOs, QTEs and TBTs*

*FSC*

*Synthetic Leases*

Significant Equipment Growth

2000 - 2010

Rapid Expansion in Leasing Industry

Enron

NorVergence

2008 - 2010 Great Recession

*The Collapse of Capital Markets*

*Failure of Long-Time Players*  
*Tightening of Credit Parameters*  
Expansion of Banks in Leasing Industry

2010 - Present

Regulation

- Dodd-Frank*
- CFPB*
- Too Large to Fail*
- Systematically Important Entity*

Exit of GE Capital

- Industry Absorption*

Low Interest Rate Environment

Low Delinquency Rates

- Assets Under Management*

Significant Increase in Equipment Loan Financing and Decrease in Equipment Leasing Activity

- Combination of Products Within the Industry*

Accounting Debate and Changes

- Implementing of Changes*
- Anticipated Impact for Providers and Users of Equipment Financing and Leasing*

Emphasis on Automation and Efficiency

- Fintech*
- Further Industry-Specific Software and Options*

Increase in Technology Investment

Benefits of Equipment Financing and Leasing

Participants in The Industry

- Equipment End-Users (Borrower or Lessee or Governments)
- Lessors and Lenders
- Third Party Originating Organizations
- Investors
- Equipment Suppliers
- Service Companies
- Trade Associations and Foundations
- Regulators

Industry Sector by Transaction Size

- Small-Ticket
  - Micro-Ticket*
- Middle-Ticket
  - Lower Middle-Ticket*
- Large-Ticket

Competition to Equipment Financing (Direct and Indirect)

- Cash
- Unsecured Lines of Credit
- Personal or Corporate Credit Cards
- Merchant Cash Advances
- Working Capital
- Invoice Factoring
- Secured Loans

Small Business (SBA) Loans  
Home Equity Lines of Credit  
Equity Capital, Public Stock Offerings  
Collateralized or Secured Bonds, Unsecured Bonds  
Capital Budget  
Tax Revenue

**Equipment Finance Products**

- Capital Lease
- Commercial Term Loan
- Conditional Sales Contract
- Early Buyout Option (EBO)
- Equipment Finance Agreement (EFA)
- Fair Market Value Lease (FMV)
- Finance Lease
- Leverage Lease
- Managed Services (Contract Services)
- Money-Over-Money Transaction
- Net Lease
- Nominal Purchase Option
- Non-Tax Lease
- Tax or True Lease
- Operating Lease
- Purchase Upon Termination Lease (P.U.T.)
- Rental Agreement
- Sale-Leaseback
- Split-TRAC
- TRAC Lease

### Five Drivers of the Equipment Finance/Leasing Industry

- Economy
- Cost, Availability, and Variety of Funding
- Turnover of Plant and Machinery
- Marketplace Characteristics (extent and basis of competition and Lessee awareness)
- Public Policy (Tax, Regulations and Law)

## Financial and Tax Accounting

### Financial Accounting

#### Classification Under ASC 842

- Lease Classification (Lessor)*
- Sales-Type Leases
- Direct Financing Leases
- Operating Leases

#### Lessor Accounting

- Financial Statement Compilation (Lessor)*

- Direct Financing Lease (Balance Sheet at Inception and Income Statement for First Month)
- Operating Lease (Balance Sheet at Inception and Income Statement for First Month)

- EFA/Loan

- End of Lease Options*

## Lessee Accounting

*How Operating and Capital Leases Are Handled*

### Accounting Basis

*Accrual Basis*

*Cash Basis*

*Tax Basis*

### Accountants Reports

*Compiled*

*Reviewed*

*Audited*

### Financial Statements

*Balance Sheet*

*Income Statement*

*Statement of Cash Flows*

*Reconciliation of Retained Earnings or Net Worth*

*Notes to Financial Statements*

## Tax Accounting

### Revenue Rulings & Procedures

*Revenue Ruling 55-540*

*Revenue Procedure 2001-28*

### Classification Under 55-540

*Lease vs. Conditional Sale Contract*

### Depreciation

*Modified Accelerated Cost Recovery System (MACRS)*

*Bonus Depreciation*

*Section 179*

### Sales and Personal Property Tax

#### *Sales Tax*

Requirements Based on Jurisdiction Where Equipment Is Located

Lessee Vs Lessor Responsibilities

Sales Tax Types

Up Front on Cost

Up Front on Sum of Receipts

On Stream

Filing Frequencies

*Equipment Exemptions*

*Personal Property Tax*

Requirements Based on Jurisdiction Where Equipment Is Located

Lessee vs. Lessor Responsibilities

Filing Frequency

Assessment Date

Rendition Filing and Payment Process

## Leasing Law

### Basis for U.S. Leasing Law

#### Statutory, Case and Regulatory Law

*Federal Law State Law*

### General Principles of Contract Law

### The Uniform Commercial Code

*Conflicts of Law*

### *Choice of Law*

Legal Definition of a Lease

UCC Article 2: Sale of Goods

UCC Article 9: Secured Transactions

### *Financing Statement*

### *Security Interest*

### *PMSI*

UCC Article 2a: True Leases

## Contrasting True Lease and Lease Intended as Security

Distinctions in Lessee's Bankruptcy

Interest/Usury

Collateral Liability

UCC Rights

Perfection of Security Interests

Residual

## Bankruptcy Law

Types of Bankruptcy

Liquidating Bankruptcy or Reorganization

### *Voluntary and Involuntary Bankruptcy*

Bankruptcy Procedures

### *Automatic Stay.*

### *Plan of Reorganization*

### *Proof of Claim*

### *Assumption/Rejection*

Preferences in Bankruptcy

## Legal Entities

Corporations

### *"C" Corporation*

### *"S" Corporation*

### *Non-profit Corporation*

### *Professional Corporation ("PC")*

LLCs

General Partnerships and Limited Partnerships

Sole Proprietors

### *Tradenames*

Other Variations of Business Entities

### *Joint Venture*

### *Association*

### *Trust*

### *Municipality*

### *Federal Government*

## Qualification to Do Business

Taxes

Licensing and Being in "Good Standing"

## Lease Pricing

### Lease Pricing Fundamentals

## Time Value of Money Concept

### Terminology

*Yield*

*Implicit Rate*

*Running Rate or Stream Rate*

*Lease Rate or Lease Rate Factor*

*Discount Rate*

*Internal Rate of Return*

*Points*

*Basis point*

### Arriving at a Desired Lessor Yield

### Calculating Present Value

*Major Variables*

Term/Number of Payments

Rate

Equipment Cost/PV

Lease Payment

Residual Value

*Minor Variables*

Indirect Costs

Security Deposit

Number of Advance Payments

Other Fees/Costs

*Solving for Any Unknown Element in The Transaction*

### Cash Flow Diagrams

*Application of The Cash Flow Diagram to The Lease Transaction*

### Structuring of A Payment

*Principal Plus Interest*

*Amortizing Payment*

### Non-Tax Pricing

#### Computing Unusual Payment Structures

Pricing Tools (SuperTrump™, TValue™, Financial Calculator, Custom Spreadsheet)

#### True (Tax) Lease Pricing

*Elements Affecting True (Tax) Lease Pricing*

*Impact of Tax Rate Changes on Lease Profitability*

## Sales and Marketing

### Role and Purpose of Sales and Marketing

#### Sales and Marketing Coordination and Collaboration

*Brand*

*Top of Mind Awareness*

*Continuous Contact*

### Common Equipment Finance Origination Channels

### Marketing

#### Market Segmentation

#### The Marketing Plan

*Components*

*Keys to Successful Execution*

*The 4 Ps of Marketing*

## *Monitoring and Measuring Success of the Marketing Plan*

### Sales

- Filling the Prospect's Need
- Mind the Portfolio
- Sales Participation Throughout the Origination Lifecycle
- Communication and Customer Experience
- The Necessity of the Niche
- Tailoring the Benefits of the Product to Prospect Needs
- Proposals

### Typical Sales and Marketing Tools

- Contact and Customer Relationship Management

### The Direct Origination Channel

- Definition
- Purpose
- Market Segmentation
- Benefits
- Drawbacks

### The Vendor Origination Channel

- Definition
- Purpose
- Market Segmentation
- Marketing Methods
- Programs
  - Referrals, Third Party, Private Label, Virtual Joint Venture, Joint Venture*

Benefits  
Vendor Support (Guarantees, Recourse, First Net Loss arrangements, Blind Discounts, Repurchase Agreements, Net Loss Indemnity)

Drawbacks

### The Third-Party Origination Channel (TPO)

- Definition
- Purpose
- Similarities to Vendor Origination
- Market Segmentation/Target Identification
- Benefits
- Drawbacks
- Marketing Efforts

### Lease Syndication Buy & Sell

- Definition
- Purpose
- Benefits
- Drawbacks

### Portfolio Acquisition

- Definition
- Purpose
- Benefits
- Drawbacks

# Credit

## Role and Purpose of Credit

5 Cs Of Credit

Risk Appetite Framework

*PD, LGD, EAD, EL*

## Credit Process

Small-, Medium-, and Large-Ticket

## Credit Request/Credit Application

## Data Gathering and Due Diligence

Know the Origination Channel

Know Your Customer

*Fraud*

Know the Legal Entity

## Making the Credit Decision

### Credit Evaluation Tools

*Credit Scores*

*Credit Bureaus*

*Financial Statement Analysis*

*Non-Traditional Data Sources*

*Risk Ratings and Risk Scores*

*Industry Peer Comparison*

### Financial Statements Analysis

*Basic Purpose of Financial Statements*

*Types of Financial Statements and Impact on Credit Decision*

Audit/Review/Compilation/Management Prepared

Audit Opinions

*Analysis Techniques*

Industry Review and Comparison

RMA, NAICS, SIC

Ratios

Profitability

*Gross Profit Margin*

*Operating Profit Margin*

*Net Profit Margin*

*ROA/ROE*

Liquidity

*Current Ratio*

*Quick Ratio*

*Accounts Receivable Turnover*

*Inventory Turnover*

*Accounts Payable Turnover*

Leverage

*Debt to Equity*

*Debt To EBITDA*

*Long Term Debt to Capitalization*

Cash Flow and Coverage Ratios

*EBITDA/EBITDAR*

*Traditional Cash Flow Analysis*

*Cash Throw-off*

*Global Cash Flow Analysis  
Debt Service Coverage Ratio (DSCR)  
Fixed Charge Coverage Ratio*

#### *Impact on Financial Statement Ratios of Lessees Given New Lease Accounting Standard*

Recalculate Certain Key Financial Ratios  
Revisit Financial Analysis and Evaluation  
Decision Impact  
Example

#### Other Financial Information

*Personal Tax Returns  
Personal Financial Statements*

### Deal Structuring

Credit Enhancements

### Credit Decision

Small-, Mid- and Large-Ticket Decisioning

#### Credit Scoring and Analysis

Building and Using a Scorecard  
Risk Acceptance Criteria & Making Decisions  
Scoring Methodology  
Future of Credit Scoring  
*Modeling  
Auto-Decisions  
AI  
Process*

## Equipment Lease and Financing Documentation

### Documentation Process

### Standard Documentation

#### Forms of Contracts

*Standard "One-Off" Agreement  
Master Agreement  
Plain Language Agreement*

#### 13 Standard Lease & Financing Documents

*Lease Contract  
Lease Schedule  
Exhibits & Schedules  
Delivery & Acceptance Certificate (D&A)  
Guaranty  
Corporate Resolution  
Real Estate Waiver  
Fixture Filing  
UCC Filings  
Cross-Default Agreement  
Purchase Order  
Invoice  
Advance Funding/Prefunding Agreement  
Purchase Option*

## Elements and Provisions of a Lease Contract

- Identification of The Parties*
- Identification and Address of The Vendor/Supplier*
- Equipment Description*
- Equipment Location*
- Terms*
- Purpose/Intent of Agreement*
- Acceptance of Equipment by Lessee*
- Disclaimer of Warranties*
- Article 2A Provisions*
- Assignment*
- Rental Commencement and Other Payments*
- Non-Cancellation Provisions*
- Lessee/Lessor Signatures*
- Choice of Law/Jurisdiction/Venue*
- Security Deposits*
- Authorizations, Power of Attorney, Amendments*
- Location and Use of Equipment*
- Ownership Provisions*
- Renewal Provisions*
- Insurance Requirements*
- Responsibility for Liens and Tax Liability*
- Lessee Indemnification of Lessor*
- Lessor Assignment, Waiver of Defense Clause*
- Service Charges, Late Fees, Interest*
- "Time Is of The Essence" Provisions*
- Default Provisions*
- Remedies to Default*
- Cross Default Clause*
- Attorney Fees/Regarding Enforcement Expense*
- Severability*
- Schedules and Exhibits
- Delivery and Acceptance
  - Purpose of the D&A*
  - Use of the D&A*
  - Elements of the D&A*
    - Acceptance and Representations Regarding Equipment
    - Instructions to Pay Supplier (Vendor)
    - Unconditional Nature of Acceptance
    - "Acceptance" In Advance of Delivery
- Personal and Corporate Guarantees
  - Purpose of The Guarantee*
  - Use in The Lease Transaction*
  - Cross Entity/Corporate/LLC/Partnership Guarantees*
  - Issues to Consider Regarding Guarantees*
    - Consideration

- Authority to Guaranty
- Obligation Guaranteed
- Waiver of Suretyship Defenses
- Standard Provisions

## Corporate Resolutions

- Purpose of The Corporate Resolution*
- Use of The Corporate Resolution*
- Elements of The Corporate Resolution*
  - Authority of Corporation to Enter into Lease And/or Guarantee
  - Identification of Authorized Signers for The Corporation

## Real Estate & Landlord Waivers

- Purpose of The Real Estate/Landlord Waiver*
- Use of The Real Estate/Landlord Waiver*
- Filing Requirements for A Real Estate/Landlord Waiver*
  - Landlord Waiver
    - Identification of The Parties
    - Agreement on Subject and Nature of Fixture
    - Waiver of Rights by Landlord/Mortgagee
    - Permission to Claim Property
    - Legal Description of Property
    - Acknowledgment

## Fixture Filings

- Purpose of A Fixture Filing*
- Use of The Fixture Filing*
- Form Used for Fixture Filings*
- Filing Requirements*
- Protections Offered from A Fixture Filing*

## UCC Filings

- Purpose of UCC Filings in The Lease Transaction*
- Form of The UCC Filing*
  - UCC-1
  - UCC-3 Amendment/Assignment/Termination Form
- Filing Requirements*
  - Filing Location
  - Timeliness
  - Continuation
  - Fees
  - Signatures
- Additional UCC Issues*
- Precautionary Filings*

## Purchase Order

- Parties to The Purchase Order*
- Purpose of The Purchase Order*
- Content of The Purchase Order*
  - Representations Required by Supplier
  - Disclaimers and Conditions by Lessor
- Use of The Purchase Order*

## Invoice

*Parties to The Invoice*

*Purpose of The Invoice*

*Content of The Invoice*

## Advance Funding/Pre-Funding Agreement

*Parties to The Agreement*

*Purpose of The Agreement*

*Terms and Use of The Agreement*

*Contents and Styles of The Agreement*

Lease Commencement

Interim Funding

*Additional Considerations/Potential Dangers of Use*

## Purchase and Renewal Options

*Parties to The Option*

*Types of Options*

Nominal Option

Fair Market Value Option (FMV)

PUT Option/Fixed Purchase Option

Renewal Option

Early Buyout Option (EBO)

## Additional Collateral as Security

*Parties to The Agreement*

*Purpose of An Additional Collateral Agreement*

*Form for The Agreement*

*Requirement to Perfect Interest*

## Real Estate as Additional Collateral

*Forms of Security*

Deed of Trust

Mortgage

*Requirements for Filing and Perfection*

*Anti-Deficiency Laws*

## Equipment Finance Agreements (EFAs)

*Purpose of EFAs*

*Use of EFAs*

*Documentation for EFAs*

*Comparing EFAs To Leases*

## Municipal Leasing Documentation

## Agricultural Leasing Documentation

# Equipment Finance Operations and Funding

## Matched Funding vs. Pooled funding

## Sources of Capital

Internal Funding

Brokerage

Discounting

*With or Without Recourse*

*Benefits*

- Risks
  - Financial Considerations
  - Tax and Operational Considerations
- Equity and Debt
  - Leverage, Gearing Ratio, Weighted Average Cost of Capital
  - Subordinated Debt
  - Warehouse Lines of Credit
  - Permanent or Term Debt
- Asset Securitization
  - Commercial Paper Conduits
  - Securitizations
- Other
  - Insurance Companies, Pension Funds, Income Funds
- Regulatory Compliance
  - State Regulations
    - State Electronic Recycling Regulations
    - State Security Breach Regulations
    - Automatic Renewal (Evergreen Clause)
    - California Finance Lenders Law Requirements
    - Usury
    - Licensing and Being in "Good Standing"
  - Federal Regulations
    - CFPB (Consumer Financial Protection Bureau)
    - KYC (Know Your Customer)
    - ECOA (Equal Credit Opportunity Act) (Reg B)
    - BSA (Bank Secrecy Act)/AML (Anti Money Laundering)/USA PATRIOT Act
    - OFAC (Office of Foreign Assets Control) and FINCEN (Financial Crimes Enforcement Network)
    - FDICIA (Federal Deposit Insurance Corporation Improvement Act)
    - Beneficial Ownership Interest
    - SCRA (Service Members Civil Relief Act)
    - SOC (Service Organization Control)
- Funding
  - Standard Funding Package
    - Invoice
    - Verification of Executed Documents
      - Wet Signatures
      - eSignatures
    - Vaulting
    - Insurance
    - Delivery and Acceptance (D&A)
    - UCC
    - Verbal Verification
    - Tax Treatment
    - Equipment Inspection
    - Driver's License
  - Titled Transactions
    - POA
    - Title/MSO
    - Notary
    - Driver's License

*Lien Perfection Lease vs. EFA*  
*Electronic Titles (When Auditing and When Perfecting)*  
*Tax Treatment Variables*

## Technology

### Software

*Analysis, Prioritization, Selection, Implementation, Maintenance, Decommission*  
*Customer Experience*  
*CRM*  
*Origination System*  
*Portfolio Management System*

### Electronic Signatures

*Authentication Options*  
*Signature*  
*Vaulting*

### Business Functions

*3<sup>rd</sup> Party Services*  
*Data Repository, Reporting, Analytic Tools*  
*Content Management*

### Infrastructure

*Business Process Management*  
*Business Productivity and Corporate Applications*  
*APIs and Integration*

## Future of Equipment Finance Technology

## Customer Service

### Pre-Booking Customer Service

### Post-Booking Customer Service

*Payoff*  
*Early Termination Payoffs*  
*Ending (End of Lease Term)*  
*Renewals*  
*Legal/Liquidation*  
*Sales and Property Tax Implications Lease vs. EFA*  
*Property Tax*  
*Account Inquiries*  
*Contract Adjustments*  
*Contract Assumption Scenarios*  
*Proactive Payment Relief Scenarios*  
*Billing and Collecting*

*Outsourcing Considerations*

*Timing Considerations*

### Insurance Administration

*Insurance Considerations for Equipment Finance*  
    *Property Insurance*  
    *Liability Insurance*  
    *Insurance Binders*  
    *Insurance Certificates*

Force Placed/Automatic Insurance

Insurance Claims

*Title Management*

*Account Reconciliations*

## Portfolio Management

Tracking Portfolio Performance

Portfolio Characteristics

Portfolio Reporting Performance Indicators

Credit Risk Indicators

Financial Risk Indicators

Business Risk Indicators

Ongoing Credit Review

Small-Ticket

*Behavioral Scoring and Portfolio Management*

Middle- and Large-Ticket

*Periodic Credit Review*

## Collections

Importance of Industry Knowledge

Knowing Which Collection Practices are Lawful and Efficient

*Fair Debt Collection Practices Act (FDCPA)/National Automated Clearinghouse Association (NACHA), Etc.*

Maintaining Customer Goodwill

Primary Responsibilities

*Collection of Lease Contracts*

*General Collections*

Collection of Residuals

Collection of Taxes

Collection of Insurance Premiums

Collection of Late Charges

Collection of All Other Amounts Due

*Identify Accounts at Risk*

*Tracking Collection -Specific Portfolio Indicators*

*Document Collection Activities*

Secondary Collections Responsibilities

*When to Escalate*

*Interfacing with Attorneys on Litigation Matters*

*Repossession*

*Remarketing Repossessed Equipment*

Alternative Collection Processes (Remedies)

Bankruptcy Procedures

Current Expected Credit Loss Model (CECL)

Asset Management

Pre-Funding

*Equipment Type Implications*

*Lease Structure Implications*

*Value Verification*

*Data Considered in Equipment Valuation*

*Residual Value Review*

*Arriving at Residual Values*

*Return and Maintenance Agreements*

*Fees*

*Inspections*

## Post-Funding

*Credit Reviews & Equipment Inspections*

*Residual Value Adjustments as Required*

*Default Scenarios*

*Establish Risk Parameters*

*In-Place Value vs. Recovered Value*

*Legal Impact*

*Commercially Reasonable Sale vs. Straight Liquidation*

*Costs to Recover, Recondition, and Sell*