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Tax Return & Cash Flow Analysis

South Carolina Bankers School
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Luke Sears, CPA

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Course Goals

- Understand IRS entities and related tax forms
- Identify available cash to service potential loan
- Explanation of cash and non-cash items in tax returns
- Explanation of recurring and non-recurring cash flow
- Calculate debt service coverage
- Examine loan funding case studies

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About Your Instructor



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Accessing Tax Forms

- Over 1,000 official tax forms and schedule
- All are accessible on [irs.gov](https://www.irs.gov) → Forms → Search
- Instructions provided for all forms and schedules

Line 21

Student Loan Interest Deduction

You can take this deduction only if all the following apply:

- You paid interest in 2021 on a qualified student loan.
- The loan was used to pay for your or your spouse's education.
- The loan was not a loan for which you received a tax credit.

For the 2021 tax year, the maximum amount of interest you can deduct is \$2,500.

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Chart A—For Most People

IF your filing status is . . .	AND at the end of 2020, you were* . . .	THEN file a return if your gross income** was at least . . .
Single	under \$1	\$13,700
	\$1 or older	\$13,700
Married filing jointly***	under \$1 (both spouses)	\$27,400
	\$1 or older (one spouse)	\$27,400
Married filing separately	under \$1 (both spouses)	\$13,700
	\$1 or older (one spouse)	\$13,700
Head of household	under \$1	\$13,700
	\$1 or older	\$13,700
Qualifying surviving spouse	under \$1	\$13,700
	\$1 or older	\$13,700

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Types of Tax Returns

- Individual – Form 1040 (Includes sole proprietor)
- Limited Liability Company (LLC) – Typically Form 1120, but multiple
- Partnership – Form 1065
- Trusts and Estates – Form 1041
- Charities & Nonprofits – Form 990
- S Corporation – Form 1120S

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Form 1040

- Disaggregated by income, taxes/credits, and payments
- Income section tells the story
- Salaries, Interest/Dividends, Social Security, Capital Gains, Schedule 1
- Example – Trade business owner (S Corp)
- Line 1 could be \$0 or negligible
 - Does not mean not cash flow worthy

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Passthrough Entity

- Pertains to S Corporations, partnerships, trusts and estates
- Income/Loss from business 'flows through' to personal returns



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Form 1040 – Schedule 1

- 'Catch-all' schedule
- Line 3 and Line 5 are most common
- Trade business owner with multiple shareholders – Line 5
 - Also - rental income from investment properties
- Sole Proprietor (Practicing CPA) – Line 3

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Personal Income Examples

Salaried Employee

- Issued W2
- Line 1 on Form 1040
- No supplemental schedules
- Most common scenario

Business Owner (S-Corp)

- Issued K-1
- Allocation - partnership
- Line 8 on 1040
- Includes Schedule 1
- Line 5
- Includes Schedule E

Stock Market Investor

- Buying and selling stocks
- Line 7 on 1040
- One sale = Form 8949
- Form 8949 + Schedule D
- Uncommon (unless you watch reality TV)

Sole Proprietor

- Singular owner
- Typically also applies to independent contractor
- Line 8 on 1040
- Includes Schedule 1
- Line 3
- Includes Schedule C

- Key Takeaway – Unless 1040 includes only Line 1 income, you will probably need to investigate further

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LLC Background

The Birth of the LLC

The concept of the LLC was born out of a need for a business structure that combined the liability protection of a corporation with the operational flexibility and tax advantages of a sole proprietorship or partnership. The LLC structure was first introduced in the United States in [Wyoming in 1977](#).

Wyoming's legislature enacted the first LLC statute, largely influenced by similar business structures in other countries, particularly the German GmbH ([Gesellschaft mit beschränkter Haftung](#)).

The Spread and Evolution of LLCs

Following Wyoming's lead, other states began to adopt LLC statutes. [Florida was the second state](#) to pass LLC legislation in 1982. However, it wasn't until the Internal Revenue Service (IRS) issued Revenue Ruling 89-76 in 1989 that LLCs gained significant traction. This ruling allowed LLCs to be treated as partnerships for federal tax purposes, provided they met certain criteria, thus avoiding double taxation.

By The Mid-1990s, All 50 States Had Enacted LLC Legislation, And The LLC Became A Widely Recognized And Utilized Business Structure Across The Country.

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LLC Background

- LLCs created and regulated under laws of each state
- Tax election made in 1st year a return is filed
- IRS does not recognize 'Single Member LLC'

LLC Entity Classifications upon making 1st year tax elections				
	Partnership election	C Corporation election	S Corporation election	Single member LLC
Tax form	1065	1120	1120 S	Schedule C Schedule E Schedule F
IRS refers to Single Member LLC as "disregarded entity"				

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Corporation – Form 1120

- Company or group of people acting as single entity
- Steps in SC for corporate formation
 - Choose name and clear name with SC Secretary of State
 - Decide on registered agent
 - File Articles of incorporation (~33-2-102)
 - Must contain a certificate, signed by an attorney licensed to practice in SC
 - File initial annual report (CL-1)
 - Establish Bylaws & Corporate Records
 - Appoint Initial Directors & Hold Organizational meeting
 - Get ID numbers (IRS-SC) and issue stock certificates

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Form 1120

- Appears much like a business financial statement
- Shows final taxable income on page 1 (i.e. net profit)
- Included supplemental schedules – not overly relevant to cash flow decision making
- Also includes balance sheet on page 6 if assets > \$250k or total receipts > \$250k

Part I Income		Part II Deductions		Part III Tax	
Line	Description	Line	Description	Line	Description
1	Gross receipts or sales	16	Charitable contributions	11	Taxable income
2	Cost of goods sold (attach Form 1120-ES)	17	Depreciation and amortization	12	Less: Federal income tax
3	Gross profit. Subtract line 2 from line 1.	18	Depletion	13	Net income
4	Other income (loss) (see instructions)	19	Interest income	14	Less: State and local income tax
5	Net gain (loss) from operations (attach Form 1120-ES)	20	Dividend income	15	Net income after state and local taxes
6	Net income (loss) from operations	21	Capital gain (loss) (attach Form 1120-ES)	16	Net income after federal income tax
7	Other income (loss) (see instructions)	22	Other income (loss) (see instructions)	17	Net income after all taxes
8	Net income (loss) from operations	23	Other income (loss) (see instructions)	18	Net income after all taxes
9	Net income (loss) from operations	24	Other income (loss) (see instructions)	19	Net income after all taxes
10	Net income (loss) from operations	25	Other income (loss) (see instructions)	20	Net income after all taxes

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11	Less: Federal income tax	11	Taxable income
12	Less: State and local income tax	12	Net income after state and local taxes
13	Net income after state and local taxes	13	Net income after federal income tax
14	Net income after federal income tax	14	Net income after all taxes
15	Net income after all taxes	15	Net income after all taxes
16	Charitable contributions	16	Charitable contributions
17	Depreciation and amortization	17	Depreciation and amortization
18	Depletion	18	Depletion
19	Interest income	19	Interest income
20	Dividend income	20	Dividend income
21	Capital gain (loss) (attach Form 1120-ES)	21	Capital gain (loss) (attach Form 1120-ES)
22	Other income (loss) (see instructions)	22	Other income (loss) (see instructions)
23	Other income (loss) (see instructions)	23	Other income (loss) (see instructions)
24	Other income (loss) (see instructions)	24	Other income (loss) (see instructions)
25	Other income (loss) (see instructions)	25	Other income (loss) (see instructions)

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Form 1120 – Non-cash items / Add-backs

- Lines in expense section that do not have actual cash impact
- Depreciation, depletion, NOL
- These should be 'added-back' in evaluating cash flow
- Interest – Want to avoid double counting so also 'added-back'
- Will dive into this in more detail later

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16	Charitable contributions	16	Charitable contributions
17	Depreciation and amortization	17	Depreciation and amortization
18	Depletion	18	Depletion
19	Interest income	19	Interest income
20	Dividend income	20	Dividend income
21	Capital gain (loss) (attach Form 1120-ES)	21	Capital gain (loss) (attach Form 1120-ES)
22	Other income (loss) (see instructions)	22	Other income (loss) (see instructions)
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24	Other income (loss) (see instructions)	24	Other income (loss) (see instructions)
25	Other income (loss) (see instructions)	25	Other income (loss) (see instructions)

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S Corporation – Form 1120-S

- 'Pass-through' – Shareholders assume income, losses, deductions, credits to their own individual returns
- S Corporations limited to 100 shareholders
- Family members who are individual shareholders can be counted as one singular shareholder
- Similar to Form 1120, however, includes 'Schedule K'

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1	Gross receipts or sales	1	Gross receipts or sales
2	Cost of goods sold (attach Form 1120-ES)	2	Cost of goods sold (attach Form 1120-ES)
3	Gross profit. Subtract line 2 from line 1.	3	Gross profit. Subtract line 2 from line 1.
4	Other income (loss) (see instructions)	4	Other income (loss) (see instructions)
5	Net gain (loss) from operations (attach Form 1120-ES)	5	Net gain (loss) from operations (attach Form 1120-ES)
6	Net income (loss) from operations	6	Net income (loss) from operations
7	Other income (loss) (see instructions)	7	Other income (loss) (see instructions)
8	Net income (loss) from operations	8	Net income (loss) from operations
9	Net income (loss) from operations	9	Net income (loss) from operations
10	Net income (loss) from operations	10	Net income (loss) from operations

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S Corporation – Form 1120-S

- Schedule K is identical to full business summary on page 1
- Line 1 shows allocation to shareholder of business income/loss
- This still does not paint full picture in determining individual's cash flow

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S Corporation – Form K-1

- Schedule K is identical to full business summary on page 1
- Line 1 shows allocation to shareholder of business income/loss
- This still does not paint full picture on determining individual's cash flow
- Was there a distribution (i.e. cash) to shareholder during the year?

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Partnership– Form 1065

- Two or more parties that manage and operate business and share profits and losses
- Partners are personally liable for debt and obligations of partnership
- Similar to S Corp – Form K-1 and items 'flow-through' to individual partners' 1040
- Not all K-1's are made equal...

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K-1 Differences for Cash Flow Evaluation

- Generally, S Corp K-1's are considered more relevant for cash flow purposes
- Shareholders control distributions; partnership distributions typically hampered by partnership agreements
- Difficult to gauge recurring/non-recurring distributions in a partnership
- Shareholders have ability to outlay cash for personal reasons (i.e. payments on a personal loan)

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Tax Return Connectivity

- Multiple sources of income on single 1040
- Where is the cash flow coming from?
- Understand your customer's business
- What is going to be the primary source of repayment on the prospective loan?

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Income tax is paid on the personal return. And, the 1040 tax form is generally where you start for cash flow analysis.

1040

K-1 1120S

K-1 1065

K-1 1041

Schedule B

Schedule C

Schedule D

Schedule E

Schedule F

1120 Corporation pays it tax on the 1120 return

990-990T Tax Exempt - choose stands alone; no tax except 990-T

Cash Basis Accounting

- Income and expense recorded with exchanges of cash
- No accounts receivable or accounts payable
- Excellent evaluator of repayment ability for borrower
- Typically used by small partnerships and S corps

Form **1065** U.S. Return of Partnership Income

OMB No. 1545-0047

Department of the Treasury Internal Revenue Service

For calendar year 2025, or for year beginning 2025, ending 2025

Go to www.irs.gov/Form1065 for instructions and the latest information.

A. Principal business activity

B. Principal product or service

C. Business code number

D. Check applicable boxes: (a) Initial return, (b) Final return, (c) Name change, (d) Address change, (e) Amended return, (f) Check accounting method, (g) Check, (h) Other

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Accrual Basis Accounting

- Income and expense recorded with when services earned/provided
- Example – Perform work in December, payment in January
 - Income is recorded in December under accrual basis, January for cash basis
- More difficult evaluation of cash flow
- Evaluate accounts receivable and accounts payable

1065 **U.S. Return of Partnership Income**

For calendar year 2024, or the year beginning _____, 2025, ending _____

Department of the Treasury Internal Revenue Service **25**

Go to www.irs.gov/form1065 for instructions and the latest information.

A Partnership name (or name of partner) _____

B Principal partner or owner _____

C Business code number _____

D Check applicable boxes: ☐ (a) Initial return ☐ (b) Final return ☐ (c) First return ☐ (d) Name change ☐ (e) Address change ☐ (f) Amended return

E Check accounting method: ☐ (1) Cash ☐ (2) Accrual ☐ (3) Other

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Why Does This Matter?

- Cash method (1) – Taxable income triggers regardless of cash distributions to owner
 - Taxable income = individual cash flow
- Cash method (2) – Taxable income = cash distributed = cash to be used for debt service calculation
- Accrual method (3) – Sales are recorded but no cash received; taxpayer must still report taxable income even with no cash received

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Accounting method and taxable income examples for pass-throughs
Assumes 1st year operations for simplicity & only one owner

Balance Sheet Cash method (1) Cash method (2) Accrual method (3)

Cash in hand	\$ 100,000	\$ 100,000	\$ 100,000
Accounts receivable	100,000	100,000	100,000
Total Assets	200,000	200,000	200,000

Income Statement

Revenues	\$ 100,000	\$ 100,000	\$ 100,000
Net income	\$ 100,000	\$ 100,000	\$ 100,000

Other Facts

Cash distributions to owner	No cash distributed (0)	100,000	None (no cash to distribute)
Taxable income	\$ 100,000	\$ 100,000	\$ 100,000

Amount to be used for debt service calculation: 0.00 \$ 100,000 0.00

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Tax Return Analysis Conclusion

- Taxable income does not always equal cash flow
- Cash flow is not necessarily taxable
- Imperative to identify the recurring cash flow for a prospective customer
- Where is the cash flow coming from?

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Questions?

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Recurring vs. Non-recurring

- Recurring – Continuous, predictable, what we want
- Non-recurring – Unique, unpredictable, not a quality indicator of repayment over time

Recurring:

- Wages
- Rents
- Business income

Non-recurring:

- Capital gains
- Insurance proceeds
- Settlement income

- Capital gains – Line 7 (Schedule D) on Form 1040; typically, sale of investments
- Remove non-recurring income from cash flow calculation

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Recurring vs. Non-recurring

- Put yourself in customer's shoes – there can be a LOT of documentation
- Be intentional with your additional requests and prepared ahead of time with pointed questions
- Green flag – K-1 income with consistent distributions over several years, majority ownership/managing partner
 - Professional services, trade businesses, rental real estate
- Red flag – Capital gain in single year, debt financed income, NOL utilization
- Can also be applied to expenses, not just income
 - Lawsuit, building damages, start-up costs

K-1 Type	Credit Reliability
Owner-operator S-corp	High
Closely held operating partnership	Moderate
Minority partnership / PE / RE fund	Low
Investment partnership with distributions	Case-by-case
One-time deal / liquidation	Non-recurring

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Cash Flow Calculation Basics

- Debt Service – Payments made on outstanding obligations, including prospective loan (annual principal and interest)
- CADS – Cash available for debt service
- Business Metric: EBITDA – Earnings before income, taxes, depreciation, amortization
 - Here come the 'add backs' discussed earlier. Eliminates non-cash and avoids double counting
- Consumer Metric: DTI – Debt to income
 - Debt obligations / gross income
- DSC or DSCR – Debt service coverage ratio (CADS / Debt Service)
 - This is ultimate measure and provides quantitative metric for final evaluation

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Cash Flow Calculation Basics

- What is acceptable? Depends on your institution and loan type
 - General rule of thumb, above 1.2x is considered adequate for business
 - Ideal consumer customer < 30% DTI, can be up to < 45% in some instances
- What is the primary source of income?
 - Easy to get overwhelmed with data but this can be best identified with conversation with prospective customer
- What are the earnings trends? Ideal to obtain the last three year's returns
- Business Loan – Can there be multiple sources of income?
- Global Debt Service Coverage (GDSC) – Is valuable and useful but should NOT be the only measure

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Global Cash Flow

- Example – ABC LLC wants \$300,000 business loan to expand landscaping business
 - Business has only operated for one full year
- Primary source of repayment – landscaping
- 'Stand-alone' (Business) DSC is marginal
- Guarantor has successful investment real estate portfolio
- When evaluated globally, prospective relationship looks strong and capable of repayment
- What other factors should be considered?

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Proposed Loan Terms	
Principal	300,000
Rate	6%
Amort (Months)	180
Monthly Payment	2,532
Total Debt Service	30,379 <i>[a]</i>
ABC LLC Year 1 EBITDA	
	25,000 <i>[b]</i>
DSC	0.82 <i>[b] / [a]</i>
Guarantor	
1040 IRI	75,000
1040 Sub. E	275,000
Total Guarantor CADS	350,000 <i>[c]</i>
1st Mortgage ADI	42,000
Mortgages on Inv RE	125,000
Total Debt Service	167,000 <i>[d]</i>
Personal DSC	2.10 <i>[c] / [d]</i>
Global	
CADS	375,000 <i>[c] + [b]</i>
Debt Service	197,379 <i>[a] + [d]</i>
GDSC	1.90

Case Study #1

- Purpose: Purchase recreational boat



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Case Study #1 – Income

- Receive prospective customer's Form 1040
- Identify the sources of income from last tax year
 - Need more information than just AGI
- What would we consider recurring?
 - Would there be additional income information we would want to see?
- Should those K-1's be treated the same?
 - Assume S-Corp distribution is recurring
 - Assume Partnership distribution is NOT
- What would be our final calculation of cash flow?

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Proposed Loan Terms			
Purchase Price, net of down payment	\$	175,000	
Rate		5.75%	
Am Period (Months)		60	
Monthly Payment		2,619.88	
Annual Debt Service	\$	31,438.56	

Borrower Form 1040			
W-2	Line 1	120,000	
Capital Gain	Line 7 (Sub. D)	40,000	
Schedule 1	Line 8	160,000	
AGI		300,000	

Note: When we review Schedule 1 on the borrower's return, we see the full \$160,000 on Line 8, including other rental real estate, partnership, S corp, etc.

Sch. E (Part II - Income or Loss from Partnership or S Corp)			
Consulting Business	80,000	100% owned S Corp	
Investment Company	80,000	25% owned Partnership	

Sch. B (Short and Long Term Capital Gains and Losses)			
Asset Sale Gain	40,000	100% personally held stocks	

Cash Flow Summary			
Recurring wages	120,000	100% of W-2	
Recurring S Corp Div	70,000	100% of S Corp Div	
Weighted Partnership Div	50,000	1/3 of Partnership Div	
CADS	\$	200,000	

Case Study #1 – Debt Service

- Relevant information – Credit report, Personal Financial Statement
- Make educated decision on debt service of other obligations
 - When was mortgage originated? Terms?
 - Living expenses – know your customer
- Scenario 1 – What if the S-Corp distribution was semi-recurring?
- Scenario 2 – What if S-Corp was on cash basis and \$80,000 became CADS?
- Other considerations?

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Existing Obligations (Payments)			
Primary Residence	36,000	Annual	
Vehicle Loans	18,000		
Student Loans	6,000		
Proposed Loan Terms	31,439	Boat Loan	
Total Long-Term Obligations	91,439		

Debt to Income	30.48% AGI/Debt		
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Cash-Flow Evaluation			
Living Expenses	50,000	Subjective - 25% CADS	
Total Annual Debt Service	141,439	Expenses + Debt Payments	

Debt Service Coverage	1.41 CADS/Debt Service		
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Scenario 1	1.17 Half of CY Distribution		
Scenario 2	1.79 Include Income		

Case Study #2 – Wrap-up

- What terms would we be willing to offer?

Policy Minimum DSC	1.25
Max Debt Service	498,893 CAD/Mo DSC
Additional Capacity	232,994
Interest	2,790,000
Amortization Period	150
Rate	6.50%
Monthly Payment	29,101
Annual Debt Service	349,212
Total Proposed Debt Service	468,294
New DSC	1.27

- Additional considerations – GDSC, liquidity, AR turnover, financial/industry trends

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Key Takeaways

- Imperative to document assumptions in analysis
 - Don't want to leave anyone guessing about how totals were derived
- Err on the side of being conservative
 - Follow your institution's policy
- Understand what documents you need
 - Less is more – WHAT IS PRIMARY SOURCE OF REPAYMENT
- More exposure = more confidence in decision making

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Thank you!

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