

Transportation & Logistics



LINCOLN PARTNERSHIP FOR ECONOMIC DEVELOPMENT
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A PROFILE OF LINCOLN'S
TRANSPORTATION AND LOGISTICS
INDUSTRY CLUSTER

 **LINCOLN**[™]
PARTNERSHIP
FOR ECONOMIC
DEVELOPMENT

INTRODUCTION

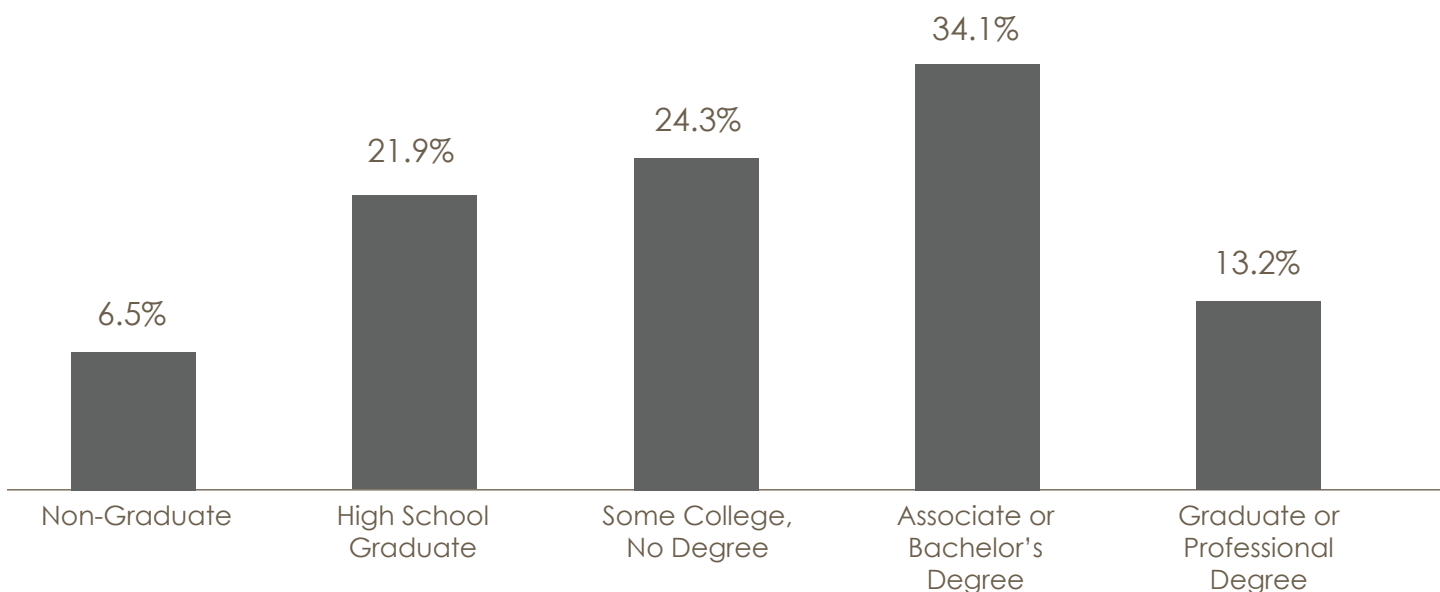
Lincoln, Nebraska's central location makes it an ideal transportation and logistics hub. Interstate-80, arguably the nation's busiest intercontinental highway, runs through Lincoln and stretches 482 miles east to west from one end of the state to the other. Three significant north south highways bisect the state near Lincoln, connecting Lincoln to the NAFTA trade corridor. BNSF, a Class I rail system, has a large rail hub in Lincoln. The regional Lincoln Airport and Eppley Airfield in Omaha provide easy access to air freight services.

In addition to its central location, logistics management, warehousing, and transportation companies in Lincoln enjoy several other benefits: a highly educated workforce, low labor costs, low cost of living, low traffic congestion costs, a business-friendly climate, university transport and logistics research facilities, and the absence of inventory taxes.

WHY LINCOLN?

Lincoln, a centrally-located community of nearly 300,000, is well positioned to cultivate this industry through its **highly educated workforce**¹, **existing finance and insurance presence**, **extensive university research** and **outstanding quality of life**.

FIGURE 1: EDUCATION ATTAINMENT, AGE 25 AND OVER, LINCOLN METROPOLITAN AREA, 2012



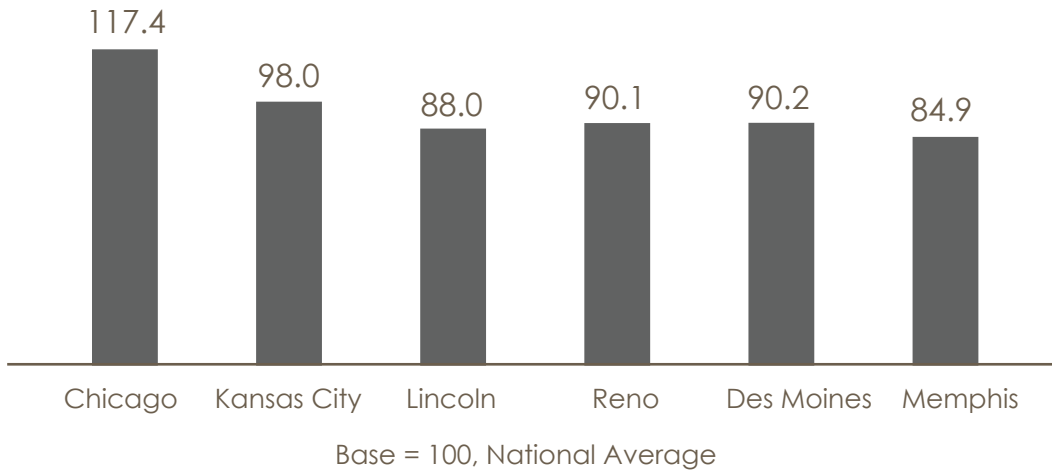
Lincoln offers the ambiance of a friendly small town and the amenities, attractions and entertainment opportunities of a major metropolitan area. Lincoln is both the state capital and home to the flagship campus of the University of Nebraska; as a result it provides a greater range of offerings than might be expected in a community of its size. Efficient transportation, a stable business environment, advanced health-care technology and an excellent educational system are just a few of the reasons why Lincoln ranks highly in livability studies. As described in the pages that follow, Lincoln has significant cost advantages in terms of cost-of-living, wages, space costs, and other business costs. The University of Nebraska-Lincoln provides research services in areas such as supply chain management and transportation safety while colleges throughout the region graduate students in relevant majors for the transportation and logistics industry. Lincoln also has an established transportation and logistics cluster containing major establishments of leading national firms (BNSF, Crete Carrier) as well as many mid-sized and smaller firms.

¹U.S. Census Bureau, Table DP02, Lancaster County, 2012.

COST COMPARISONS

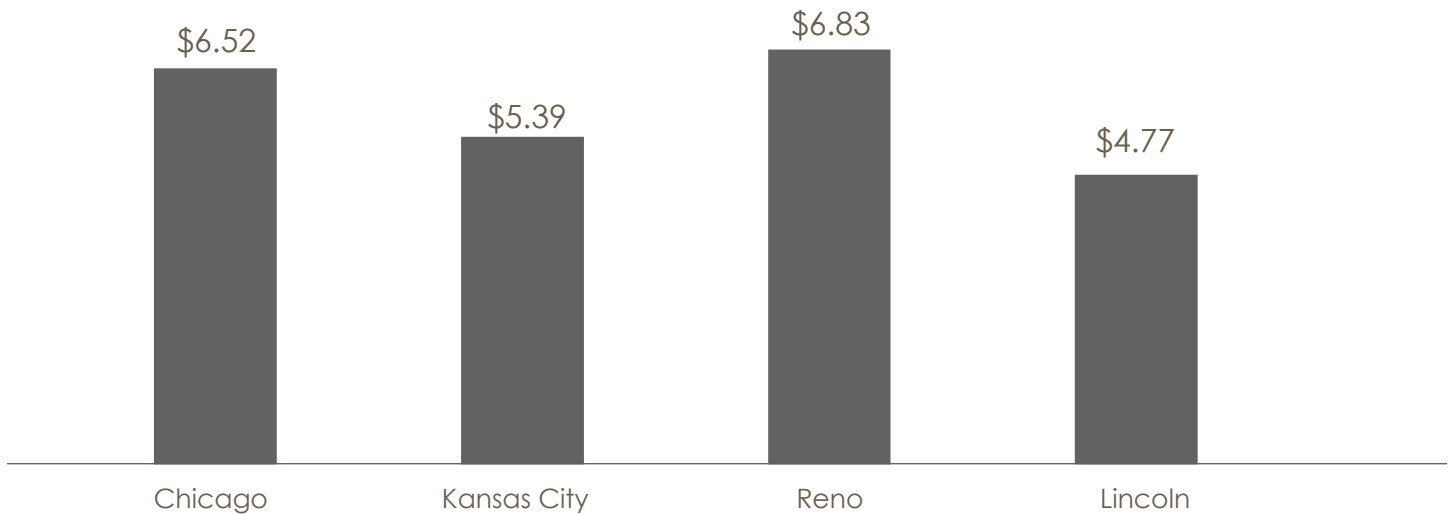
Lincoln's cost of living compares favorably with metropolitan areas nationwide.²

FIGURE 2: COST OF LIVING COMPOSITE INDEX, Q3 2013



In addition to Lincoln's exceptional amenities and educated workforce, Lincoln has nearly the lowest industrial space costs among comparison metropolitan areas.³

FIGURE 3: ANNUAL RENT PER SQUARE FOOT: INDUSTRIAL PROPERTY ASKING RENT, NOVEMBER 2013



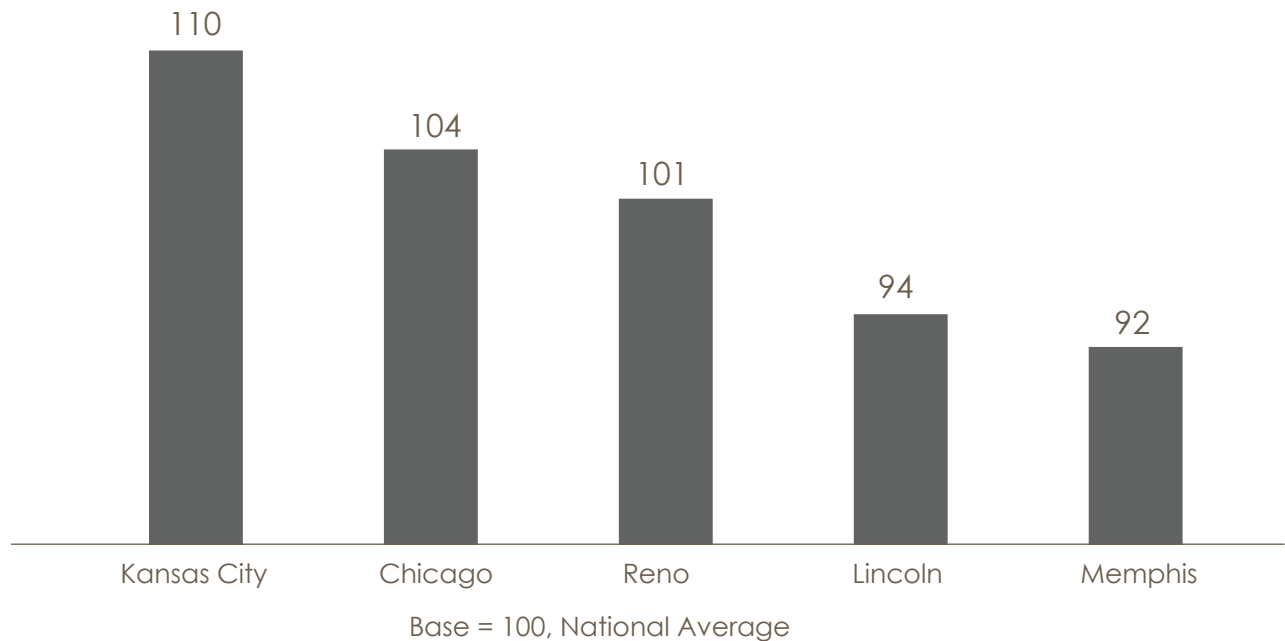
²Council for Community and Economic Research, "(previously Accra) Cost of Living Index 3Q 2013." Published Oct. 2013.

³LoopNet Real Estate Research, <http://www.loopnet.com>

COST COMPARISONS

Lincoln also ranks amongst the lowest with regard to relative wage costs. This completes a perfect combination of unique amenities, low cost of living, and an attractive business environment through a highly educated workforce, and low costs of commercial space and employment.

FIGURE 4: RELATIVE WAGES FOR TRANSPORTATION AND MATERIAL MOVING WORKERS, 2011



We provide detailed salary information on several transportation-logistics occupations on the next page. Average unemployment insurance tax rate on taxable wages, average price for industrial gas per thousand cubic feet, industrial electric service typical industrial bill, and top state corporate income tax rate can be found on page 6. Lincoln is among the three lowest cost metro areas among comparison cities for average unemployment insurance tax rate, price for industrial gas, and typical industrial electric bill service rates.

TABLE 1: TRANSPORTATION AND LOGISTICS - AVERAGE ANNUAL SALARY, LINCOLN MSA, Q3 2013

Occupation	Annual Salary		
	Entry	Experienced	Mean
TOTAL ALL OCCUPATIONS	\$19,407	\$51,826	\$41,020
MANAGEMENT OCCUPATIONS	\$50,703	\$119,035	\$96,257
General and Operations Managers	\$50,175	\$132,190	\$104,852
Transportation, Storage, and Distribution Managers	\$51,941	\$94,835	\$80,536
BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS	\$37,602	\$71,708	\$60,339
Management Analysts	\$43,534	\$73,231	\$63,332
Accountants and Auditors	\$39,836	\$76,207	\$64,083
ARCHITECTURE AND ENGINEERING OCCUPATIONS	\$40,875	\$78,913	\$66,233
Architectural and Civil Drafters	\$36,094	\$49,446	\$44,995
OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS	\$19,701	\$36,929	\$31,186
Shipping, Receiving, and Traffic Clerks	\$19,465	\$34,716	\$29,632
Customer Service Representatives	\$18,677	\$31,816	\$27,436
Couriers and Messengers	\$17,094	\$29,278	\$25,217
Stock Clerks and Order Fillers	\$17,346	\$24,735	\$22,272
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	\$18,264	\$39,109	\$32,160
First-Line Supervisors of Trans. & Material-Moving Machine & Vehicle Ops.	\$33,290	\$57,976	\$49,748
Industrial Truck and Tractor Operators	\$25,774	\$36,799	\$33,124
Light Truck or Delivery Services Drivers	\$17,366	\$37,965	\$31,099
Laborers and Freight, Stock, and Material Movers, Hand	\$17,492	\$28,730	\$24,984
INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS	\$27,963	\$50,296	\$42,852
Bus and Truck Mechanics and Diesel Engine Specialists	\$29,882	\$43,937	\$39,252

Source: <https://networks.nebraska.gov/> Historical Data Analysis: Emp. and Wage Data, Occupation Data, Occupational Wage Rates (OES)

TABLE 2: SELECTED BUSINESS COSTS FOR TRANSPORTATION AND LOGISTICS INDUSTRY

(Three Lowest Cost Metro Areas Listed in Bold)

Metropolitan Area[1]	Average Un-employment Insurance Tax Rate on Tax-able Wages 2012 (State Average)	Right-to- Work State?	Avg. Price Industrial Gas/ Thousand Cu- bic Feet 2012 (State Avg.)	Typical Industrial Bill, Service Rates in Effect, January 1, 2013 (City)		Top State Corporate Income[2] Tax Rate 2013
				75kW, 50mWh	1000kW, 400mWh	
Lincoln	2.41%	Yes	\$4.34	\$2,566	\$27,802	7.81%
Chicago	4.00%	No	\$5.64	\$4,523	\$35,474	9.50%
Des Moines	2.39%	Yes	\$4.70	\$2,387	\$20,802	12.00%
Kansas City	2.33%	No	\$7.93	\$3,153	\$31,026	6.25%
Cheyenne	3.27%	Yes	\$4.87	\$4,283	\$38,026	0.00%
Memphis	3.29%	Yes	\$4.94	\$3,913	\$34,745	6.50%
Reno	2.31%	Yes	\$7.34	\$3,530	\$37,849	0.00%

[1] For metropolitan areas located in multiple states (Chicago, Kansas City, and Newark), the state averages from the state where the metropolitan areas' economic activity is concentrated are utilized (Illinois, Missouri, and New Jersey, respectively).

[2] Tax may be eligible for use of credits earned in state incentive program.

Sources:

- A. U.S. Department of Labor Office of Unemployment Insurance Division of Fiscal and Actuarial Services (2012), Significant Measures of State Unemployment Insurance Tax Systems (Avg. Tax Rate) for Average Unemployment Insurance Tax Rates: <http://workforcesecurity.doleta.gov/unemploy/pdf/sigmeasuitaxsys12.pdf>
- B. US Census Bureau, 2012 Statistical Abstract, Labor Union Membership by State for Right-to-Work State: http://www.census.gov/compendia/statab/cats/labor_force_employment_earnings/work_stoppages_and_unions.html
- C. US Energy Information Administration, Natural Gas, for Average Industrial Price: http://www.eia.gov/dnav/ng/ng_sum_lsum_a_EPG0_PIN_DMcf_a.htm
- D. Lincoln Electric System, National Electric Rate Survey '13, Average Price/KWH: http://www.les.com/quick_links/rate_survey.aspx?look=b
- E. Tax Foundation for State Corporate Tax Rates: <http://taxfoundation.org/article/state-corporate-income-tax-rates-2000-2013>

EDUCATION RESOURCES

Lincoln's Transportation and Logistics sector benefits from the vast array of programs that support the development of a specialized workforce for this industry.

The University of Nebraska-Lincoln (UNL), Peru State, Concordia University, Southeast Community College, and Doane College all provide business management, administration, accounting and finance programs. In addition to which there are a number of programs and other institutions tailored to the needs of the transportation and logistics industry. These are listed in the tables below. While UNL is certainly the backbone of information technology research and education in Lincoln, there are many institutions that offer 2-year and 4-year degree programs in this field: Concordia College, Doane College, Kaplan University, Nebraska Institute of Technology, Nebraska Wesleyan University, Southeast Community College, and Union College. Lincoln is also home to numerous other private institutions that offer certification programs in IT, two of these are the New Horizons Computer Learning Center and Easel Solutions.

TABLE 3: TRANSPORTATION LOGISTICS GRADUATION INFORMATION—BACHELOR'S DEGREES

	Concordia University	Doane College	Kaplan University ^A	Nebraska Wesleyan	Peru State	Southeast Comm. College ^B	Union College	UNL	Total
Bachelor's Degrees Awarded									
Admin. Assistant and Secretarial Science, General						34			34
Business Admin. and Management, General		77	38		52	199	17	223	606
Business/Commerce, General	44			54	97				195
Business/Trade/Commerce, International				4				37	41
Civil Engineering, General								72	72
Civil Engineering Technology/Technician						5		2	7
Computer Engineering, General								43	43
Computer and Information Sciences, General	1		7	4	7	46	3	33	101
Drafting and Design Tech./Technician, General						6			6
Elec./Electronic/Communic. Eng. Tech./Technic.						67			67
Electrical and Electronics Engineering								59	59
Foreign languages, literatures, and linguistics				12			8	46	66
Industrial Engineering								13	13
International Relations and Affairs								50	50
Machine Tool Technology/Machinist						26			26
Management Information Systems, General	1	11							12
Management Science, General								71	71
Manufacturing Technology/Technician						15			15
Mechanical Engineering								67	67
Truck and Bus Driver/Commercial Vehicle Operation						73 ^C			73
Welding Technology/Welder						33			33
Mechanic and Repair Technologies/Technicians									
Autobody/Collision and Repair Tech./Technician						28			28
Automobile/Automotive Mechanics Tech./Technician						55			55
Diesel Mechanics Tech./Technician						49			49
Heating/AC/Vent./Refrigeration Maint. Tech./Technician						21			21
Small Engine Mechanics and Repair Tech./Technician						21 ^C			21
Total	46	88	45	74	156	678	28	716	1831

A: Associates Degrees; B: Associates and Bachelors Degrees; C: Certificate Program.

Source: <http://nces.ed.gov/collegenavigator/>

TABLE 4: TRANSPORTATION LOGISTICS GRADUATION INFORMATION—POST GRADUATE DEGREES

Post Graduate Degrees (M.A. & Ph.D.) Awarded	Doane College	UNL	Total
Business Admin. and Management, General		86	86
Civil Engineering, General		17	17
Computer and Information Sciences, General		23	23
Electrical and Electronics Engineering		5	5
Foreign Languages, Lit., and Linguistics		10	10
Industrial Engineering		18	18
Management Science, General	55		55
Mechanical Engineering		11	11
Statistics, General		19	19
Telecommunications Technology/Technician		4	4
Total	55	193	248

Source: <http://nces.ed.gov/collegenavigator/>

RESEARCH AND INDUSTRY SERVICES

The transportation and logistics industry also benefits from research programs at the University of Nebraska-Lincoln (UNL). UNL's extensive transportation and logistics research programs and infrastructure include:

UNL's Nebraska Transportation Center

Nebraska Transportation Center (NTC) The NTC is a University-based transportation center developed in a 2006 proposal in order to integrate all facets of UNL's transportation research, education and outreach to create a multi-disciplinary transportation program that could better address the research needs of the state of Nebraska, the region, and the United States. The Nebraska Department of Roads (NDOR) is a key supporter of the University of Nebraska's transportation research. The NTC's research concentrations at the NTC include: Structural and Safety Engineering, Safety Education, Geotechnical Engineering, Public Administration and Finance, Health, Hydraulics & Fluid Mechanics Engineering, Technology Transfer, and Transportation Systems Engineering.

For more information, see the source of this passage: <http://ntc.unl.edu/programs.php>.

Some of the research labs and facilities hosted by NTC include:

Mid-America Transportation Center

The purpose of the Mid-America Transportation Center (MATC) is to improve safety and minimize risk associated with increasing multi-modal freight movement on the U.S. surface transportation system. MATC is a consortium of seven universities within the region, and the University of Nebraska-Lincoln serves as the lead institution. MATC headquarters are located at the Nebraska Transportation Center at UNL campus.

For more information, see the source of this passage: <http://matc.unl.edu/index.php>

RESEARCH AND INDUSTRY SERVICES

Transportation Systems Engineering (TSE) lab

UNL's Transportation Systems Engineering (TSE) lab conducts research on transportation systems, including all surface modes with an emphasis on roadway and railroad related operations. It is the primary conduit for research in the area of Transportation Systems Engineering in the State of Nebraska.

For more information, see: <http://ntc.unl.edu/>

Midwest Roadside Safety Facility (MwRSF)

The Midwest Roadside Safety Facility (MwRSF), part of the University of Nebraska-Lincoln, is a research organization that researches all aspects of highway design and safety. MwRSF's mission is to improve the safety of public roadways through the design and testing of roadside hardware.

For more information, see: <http://engineering.unl.edu/specialty-units/mwrsf/>

Jeffrey S. Raikes School of Computer Science and Management

An innovative integration of computer science and management education, including a 2-year applied software design studio. The Jeffrey S. Raikes School develops leaders for a technology driven world. It is the recognized leader in interdisciplinary computer science and business management education for high ability and highly motivated students. The Raikes School is unique in that it is the premier program bringing together the domain of computer science and information technology with business, thereby developing leaders and entrepreneurs for the increasingly information technology-driven business world. The Design Studio is the capstone learning experience of the Jeffrey S. Raikes School. In Design Studio, student teams partner with sponsoring businesses and government agencies to develop real-world, software-based solutions meeting their client's needs. Students gain project management, teamwork, and leadership skills essential in today's professional world. Design Studio gives students and clients the ability to interact and create innovative software based solution, while benefiting from the support of Raikes School faculty and facilities.

For more information, see the source of this passage: <http://raikes.unl.edu/>

College of Business Administration (CBA)

The CBA currently ranks among the top 12% of the small percentage of the schools offering undergraduate or graduate programs in business administration that are accredited under the high standards set by the Association to Advance Collegiate Schools of Business (AACSB). The college has maintained such a high ranking by fostering intellectual curiosity, business insight, and effective leadership through high quality instruction, research, and service to students, the citizens of Nebraska, and national and international communities.

The CBA is the second largest college on the University of Nebraska-Lincoln campus with approximately 3,000 students attending classes with 62 full-time faculty members. The undergraduate program offers nine majors; accounting, actuarial science, agribusiness, business administration, economics, finance, international business, management, and marketing. Masters and doctoral degrees are offered by the five departments; accounting, economics, finance, management and marketing.

The College retains close ties with professional and business leaders. Executives from all around the world come into the classrooms to speak to students and student organizations. Companies visit the college regularly to meet with faculty, attend job fairs, and forge closer ties with the College. Many student organizations are closely affiliated with professional and business organizations in the community. The College is also home to the Center for Entrepreneurship, which was named best in the nation by the U.S. Association for Small Business and Entrepreneurship.

College of Engineering

In 2009, the College of Engineering celebrated its 100th anniversary. As the only engineering college in Nebraska the UNL College of Engineering provides its students with professors with national and international expertise in their fields, the latest technology, quality facilities, a vast network of successful alumni and friends of the college, and caring staff.

The college is located in two cities (Lincoln and Omaha) on three campuses (City Campus in Lincoln, the East Campus in Lincoln) and currently has 13 departments with a total of 3,089 students with 128 full time faculty members. The undergraduate program offers majors in: Agricultural Engineering, Architectural Engineering, Biological Systems Engineering, Chemical Engineering, Civil Engineering, Computer Engineering (Lincoln and Omaha), Construction Management, Construction Engineering, Electrical Engineering, Electronics Engineering, Industrial Engineering, and Mechanical Engineering. The graduate program offers Master of Science Degrees in 11 areas including Industrial Management Systems Engineering and Telecommunications Engineering; Master of Engineering with concentrations in four areas; and PhDs with specializations in 12 areas including Chemical & Biomolecular Engineering and Materials Engineering.

The college is at the forefront of cutting edge engineering research and is strong and growing especially in the areas of nanotechnology, transportation, structures, computer and electronics engineering, and materials research. The college is adding emphasis on biomechanics, materials and medicine; renewable energy production, distribution and consumption; and cyber infrastructures. The college is home to the Nebraska Center for Materials and Nanoscience , and the Center for Nontraditional Manufacturing Research

For more information, see the source of this passage: <http://engineering.unl.edu/>

Department of Computer Science & Engineering

Graduates from this UNL department are highly capable, creative individuals whose skills allow them to work seamlessly across a broad spectrum of careers. The department graduates 30 students with Bachelor's degrees and another 25 students with graduate degrees every year. The department also conducts state-of-the-art research in software engineering, informatics, and systems. The faculty receives funding from a variety of sources including: National Science Foundation (NSF), U.S. Department of Agriculture, Army Research Office, Airforce Office of Scientific Research, NASA, National Institute of Health, Microsoft, and Intel.

The department also hosts a number of research labs and facilities that form an important hub for information-technology R&D in the state of Nebraska:

The Abacus Distributed Storage Lab, aims to design and develop distributed and parallel storage systems with high scalability, performance, reliability and availability.

ANDES, Advanced Networking & Distributed Experimental Systems Lab fosters research in the following core areas: high-speed computer network architectures and protocols, networking support for multimedia services, distributed heterogeneous computing, and real-time systems and protocols.

The Constraint Systems Lab investigations cover both theoretic and practical aspects of Constraint Processing, a sub-area of Artificial Intelligence. Constraint Processing provides powerful tools for modeling and solving effectively a wide variety of combinatorial problems spanning over Computer Science, Engineering, and Management.

ESQuaReD, (read as e2), the laboratory for Empirically-based Software Quality Research and Development, performs fundamental research on methodologies and tools for creating sufficiently dependable software. The focus areas are: software verification and validation, program analysis, empirical software engineering, software modeling and design, and domain specific software engineering techniques.

For more information, see the source of this passage: <http://cse.unl.edu/>

Management Information Systems Program

The College of Business Administration offers both undergraduate and graduate degrees (MBA & PhD) in Management Information Systems (MIS). The MIS faculty members work on organizational, behavioral, as well as design science research. The MIS program emphasizes the conceptual foundation of MIS, information systems analysis and design, design science, electronic business/mobile/ubiquitous commerce, virtual world, knowledge sharing and management, enterprise integration, business intelligence, and global/strategic IT management. The program offers a comprehensive set of courses which are being constantly enhanced and updated.

For more information, see the source of this passage:
<http://cba.unl.edu/academics/management/mis/>

Nebraska Innovation Campus (NIC)

Nebraska Innovation Campus (NIC) is a research campus designed to facilitate new and in-depth partnerships between the University of Nebraska-Lincoln (UNL) and private sector businesses. NIC is located adjacent to UNL, strategically providing access to research faculty, facilities and students. NIC is operated by the Nebraska Innovation Campus Development Corporation (NICDC), a private 501(c)(3) corporation. At full build-out, NIC will be a 2 million square foot campus with uniquely designed buildings and amenities that encourage people to create and transform ideas into global innovation. NIC aspires to be the most sustainable research and technology campus in the U.S.

For more information about NIC visit <http://innovate.unl.edu/>

Lincoln's Transportation and Logistics Sector

Lincoln's Transportation and Logistics sector comprises a broad range of companies. Lincoln and nearby Omaha are the headquarters for some of the most prominent and largest transportation and logistics companies in the world, including Crete Carrier Corp., Union Pacific Railroad, and Werner Enterprises. Lincoln is also home to a major facility of Burlington Northern Santa Fe Railroad. In addition, Lincoln has a foreign trade zone (FTZ No. 59/Lincoln – Contact – Jason Smith: 402-436-2379). Further, Nebraska does not have an inventory tax, an advantageous feature for distribution centers and warehousing operations. There are five cold storage facilities and several other warehouse facilities in Lincoln and surrounding areas.

There are dozens of transportation and logistics firms, or support firms, located in Lincoln. A listing of most firms is provided on the next page.

A PROFILE OF LINCOLN'S TRANSPORTATION AND LOGISTICS CLUSTER

A C K Express
A Miracle Trucking Inc
Abf Freight System Inc
Abj Hauling
American Courier Corp
Amtrak
Baloo Trucking Inc
Beatrice Motor Freight, Inc
Beeson Trucking Co
Brown Transfer Co
Busch Trucking Inc
C&R Trk Inc
Central Transport Inc
City Wide Delivery
Cook Rm Trucking
Crete Carrier Corporation
D&G Trucking
Davis Enterprises, Inc.
Days Express
Deluxe Transportation Inc
Deshon Trucking Inc
DHL
Dps Transport Inc
Eagle Delivery Service, Inc
Express Messenger Systems, Inc.
Family Travel Llc
Fast Fuel Transport Service, Inc.
Fedex Freight
Foland Trucking Inc
Gerdes Trucking
Gies Trucking
Gns Transfer Co LLC
Goin' Postal
Greyhound Package Express
Gvg Trucking LLC
H & S Auto Service
Hager Trucking
Harbor Freight Tools Usa Inc
Huffman Engineering, Inc.
Inland Truck Parts & Service
Jerry Frye Company
Jk Trucking LLC
John Trucking Svcs
Johnsrud Transport Inc
Kepler And Sons Trucking, LLC
K-Jam Trucking, Inc.
Koenigsman Trucking Inc
Krasser Inc
Left Lane Express, Inc.
Lincoln Advanced Delivery Inc
Lincoln Storage & Transfer Inc
Lincoln Truck Repair & Body Shop
Lincoln Trucking Lightning Division, Inc.
Lincoln Trucking
Little Mike Trucking
Lonnie Noble Trucking Inc
M2 Transport
Madlock Rock & Sand
Magee Trucking Inc
Magnuson Trucking
Mark I Trucking, Inc.
Mcginty Trucking
Mdn Enterprises Inc
Mel Petty Trucking
Mid-West Moving Hauling & Installation LLC
Mills Transfer Inc
Mundt Trucking Inc
Nationwide Auto Transport
Nebraska Logistics Inc
Nebraska Transport
Nebraska Trucking Association Inc
Nelson Transportation
Parish Trucking
Pawnee Transfer Incorporated
Reliant Transportation Inc
Richard Reiber Trucking
Rodney Upton
Rowe Pj Trucking
Russ Huls Trucking
Saia Motor Freight Line, Inc.
Salem Trucking Co
Samuelson Trucking
Schulz Transportation Service Inc
Select Transportation Services LLC
Skyway Transportation Inc
Stampede Truckin'
Star Care V
Sterling Transportation
Steven Kamp Logistics, Inc.
Stewart Transportation Service
Sue Trucking Co Inc
Sunnyside Trucking
Tenderfoot Trucking Co
Transfer Hauser
Transportation Claims Inc
Transportation Service Bureau
Two Carat Trucking, Inc.
U. S. Xpress, Inc.
United Transport Inc
Walker Bros Trucking
Walsh Trucking Service
Witchway Trucking
Wrightedge Trucking
Yellow Transportation
Yevgeniy A Novoselov Trucking