



STATE OF WISCONSIN
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Governor Scott Walker Secretary Dave Ross

CHIROPRACTIC EXAMINING BOARD
Room 121A, 1400 E. Washington Avenue, Madison
Contact: Tom Ryan (608) 261-2378
August 15, 2013

The following agenda describes the issues that the Board plans to consider at the meeting. At the time of the meeting, items may be removed from the agenda. Please consult the meeting minutes for a description of the actions of the Board.

AGENDA

8:30 a.m.

OPEN SESSION – CALL TO ORDER – ROLL CALL

A. Adoption of Agenda

B. Approval of Minutes- May 30, 2013 and July 16, 2013 (5-10)

C. Administrative Matters

- 1) Staff Updates

D. Education/Examination Matters – Discussion and Consideration

E. Preceptor Approvals – Discussion and Consideration (11-12)

	<u>Chiropractor</u>	<u>Lic. Granted</u>
<u>Palmer</u>	Joe Dirker	07/18/1996
	Jason Lang	12/14/2001
	Linda Lorenz	12/13/1990

F. Legislative/Administrative Rule Matters – Discussion and Consideration

- 1) Executive Order 61 – Review (13-14)
- 2) Changes prompted by 2013 Wisconsin Act 20 (15-20)

G. Informational Items

- 1) Correspondence with Truhlsen Chiropractic (21-30)

H. Herzing University Application for Program Approval (31-64)

I. Items Added After Preparation of Agenda:

- 1) Introductions, Announcements and Recognition
- 2) Presentations of Petition(s) for Summary Suspension
- 3) Presentation of Proposed Stipulation(s), Final Decision(s) and Order(s)
- 4) Presentation of Final Decisions
- 5) Disciplinary Matters
- 6) DLSC Matters
- 7) Executive Director Matters
- 8) Education and Examination Matters
- 9) Credentialing Matters
- 10) Preceptor Approvals
- 11) Class 1 Hearing(s)
- 12) Practice Matters
- 13) Legislation/Administrative Rule Matters
- 14) Liaison Report(s)
- 15) Informational Item(s)
- 16) Speaking Engagement(s), Travel, or Public Relation Request(s)

J. Public Comments

CONVENE TO CLOSED SESSION to deliberate on cases following hearing (s. 19.85(1)(a), Stats.; consider closing disciplinary investigation with administrative warning (s. 19.85(1)(b), Stats. and 440.205, Stats., to consider individual histories or disciplinary data (s. 19.85(1)(f), Stats.; and, to confer with legal counsel (s. 19.85(1)(g), Stats.)

K. Presentation and Deliberation on Proposed Stipulations, Final Decisions and Orders by the Division of Legal Services and Compliance (DLSC)

- 1) 12 CHI 006 – Aaron J. Arfstrom, D.C. **(65-76)**
- 2) 12 CHI 035 – James W. Appel, D.C. **(77-84)**

L. DLSC Matters – Discussion and Consideration

- 1) Case Status Report (-)
- 2) Case Closing
 - a. 12 CHI 011 – J.A. **(85-92)**
 - b. 13 CHI 004 – S.W. **(93-96)**

M. Application Matters - Discussion and Consideration

- 1) Chiropractic Technician Review – L.A.C. **(97-106)**
- 2) Chiropractic Technician Review – J.K. **(107-116)**
- 3) Chiropractic Technician Review – M.K. **(117-126)**
- 4) Endorsement – C.C. **(127-160)**
- 5) Endorsement – A.K. **(161-180)**
- 6) Reinstatement – K.W. **(181-200)**

N. Deliberation of Items Received After Printing of the Agenda

- 1) Disciplinary Matters
- 2) Education and Examination Matters
- 3) Credentialing Matters
- 4) DLSC Matters
- 5) Class 1 Hearings
- 6) Monitoring Matters
- 7) Professional Assistance Procedure (PAP) Matters
- 8) Petition(s) for Summary Suspensions
- 9) Petition(s) for Extension of Time
- 10) Proposed Stipulations, Final Decisions and Orders
- 11) Administrative Warnings
- 12) Proposed Decisions
- 13) Matters Relating to Costs
- 14) Motions
- 15) Petitions for Rehearing
- 16) Formal Complaints
- 17) Case Closings
- 18) Appearances from Requests Received or Renewed

O. Consulting with Legal Counsel

RECONVENE TO OPEN SESSION IMMEDIATELY FOLLOWING CLOSED SESSION

P. Vote on Items Considered or Deliberated Upon in Closed Session, if Voting is Appropriate

ADJOURNMENT

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**CHIROPRACTIC EXAMINING BOARD
MEETING MINUTES
MAY 30, 2013**

PRESENT: James Koshick, Jodi Griffith, John Church, Patricia Schumacher, Kathleen Schneider

STAFF: Tom Ryan, Executive Director; Matthew Niehaus, Bureau Assistant; and other Department Staff

CALL TO ORDER

James Koschick, Chair, called the meeting to order at 8:35 a.m. A quorum of five (5) members was present.

ADOPTION OF AGENDA

Amendments to the Agenda

- Item “H” (open session) **ADD** the agenda item titled “H.8 – Review of Herzing University Diploma for Chiropractic Technician”

MOTION: Kathleen Schneider moved, seconded by Jodi Griffith, to adopt the agenda as amended. Motion carried unanimously.

APPROVAL OF MINUTES OF MARCH 14, 2013

MOTION: Kathleen Schneider moved, seconded by Patricia Schumacher, to approve the minutes of March 14, 2013 and March 28, 2013 as published. Motion carried unanimously.

PRECEPTOR APPROVALS

MOTION: John Church moved, seconded by Jodi Griffith, to approve all preceptors as noted below. Motion carried unanimously.

	<u>Chiropractor</u>	<u>Lic. Granted</u>
<u>Palmer</u>	Thomas Arbour	07/12/1990
	Scott Bautch	01/19/1984
	Jermy Bria	02/10/2006
	Angela Engel	09/24/2002
	Kevin Groth	02/10/2005
	Katherine Lord	12/19/2003
	Patrick Murphy	12/27/1984
	Bridget Owens	07/13/1989
	James Ropicky	07/16/1986
	<u>Northwestern</u>	Phillip Carlson
Nora Moses		02/27/2003

	Treva Rademaker	04/10/2001
	Christopher Resch	03/12/1991
	Kevin Ritzenthaler	12/21/2000
	George Varish III	03/12/1991
<u>Life University</u>	Jay LaGuardia	07/12/1990

LEGISLATIVE/ADMINISTRATIVE RULE MATTERS

MOTION: John Church moved, seconded by Jodi Griffith, to retain the position statement on “Are Chiropractors Permitted to Do Extremity Manipulation” and to remove the position statement on “Can a Chiropractor Perform ‘Manipulation Under Anesthesia’”. Motion carried unanimously.

REVIEW OF HERZING UNIVERSITY DIPLOMA FOR CHIROPRACTIC TECHNICIAN

MOTION: Patricia Schumacher moved, seconded by John Church, to authorize the Credentialing Liaison to review the program materials from Herzing University and to render a decision with regards to the request for approval of Herzing’s proposed DCT and ASCT programs. Motion carried unanimously.

CLOSED SESSION

MOTION: Kathleen Schneider moved, seconded by Jodi Griffith, to convene to closed session pursuant to Wisconsin State statutes 19.85(1)(a)(b)(f) and (g) for the purpose of conducting appearances, reviewing monitoring requests, requests for licensure, deliberate on stipulations, administrative warnings, proposed decisions and orders, consulting with Legal Counsel and Division of Legal Services and Compliance case status reports. James Koschick read the language of the motion. The vote of each member was ascertained by voice vote. Roll Call Vote: James Koschick -yes; Jodi Griffith-yes; John Church-yes; Patricia Schumacher-yes; and Kathleen Schneider-yes. Motion carried unanimously.

The Board convened into Closed Session at 10:21 a.m.

CASE CLOSINGS

MOTION: John Church moved, seconded by Patricia Schumacher, to close the case #12 CHI 019 for Compliance Gained (P2). Motion carried.

Jodi Griffith recused herself from deliberation and voting in the matter of 12 CHI 019.

MOTION: John Church moved, seconded by Kathleen Schneider, to close the case #12 CHI 034 for No Violation (NV). Motion carried unanimously.

APPLICATION MATTERS

MOTION: Kathleen Schneider moved, seconded by John Church, to issue notice of intent to deny in the matter of the request of V.A. The Board requests V.A. provide proof of coursework. Motion carried unanimously.

MOTION: Kathleen Schneider moved, seconded by John Church, to grant the request of C.B. for a CT certificate, restricted solely to the physical examination component. Motion carried unanimously.

MOTION: Patricia Schumacher moved, seconded by Kathleen Schneider, to deny the request of A.C. for licensure by endorsement. **REASON FOR DENAIL:** Failure to meet the requirements of CHIRO 3.03. Motion carried unanimously.

MOTION: Jodi Griffith moved, seconded by Patricia Schumacher, to grant the request of M.V. for licensure by endorsement once all requirements for licensure are met. Motion carried unanimously.

MOTION: John Church moved, seconded by Kathleen Schneider, to grant the request of C.F. for licensure by endorsement once all requirements for licensure are met. Motion carried unanimously.

MOTION: Kathleen Schneider moved, seconded by Patricia Schumacher, to grant the request of A.B. related to her application. Motion carried unanimously.

Aaron Knautz and Jill Remy of the Office of Education and Examinations appeared in closed session for examination review with Board members.

RECONVENE TO OPEN SESSION

MOTION: John Church moved, seconded by Jodi Griffith, to reconvene into open session. Motion carried unanimously.

The Board reconvened into Open Session at 1:22 p.m.

MOTION: Kathleen Schneider moved, seconded by John Church, to grant to the examination liaison the authority to ratify the final scores for the Chiropractic Licensure Examination. Motion carried unanimously.

ADJOURNMENT

MOTION: Kathleen Schneider moved, seconded by John Church, to adjourn the meeting. Motion carried unanimously.

The meeting adjourned at 2:03 p.m.

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**CHIROPRACTIC EXAMINING BOARD
TELECONFERENCE MINUTES
JULY 16, 2013**

PRESENT: James Koshick, Jodi Griffith, John Church, Patricia Schumacher

EXCUSED: Kathleen Schneider

STAFF: Tom Ryan, Executive Director; Matthew Niehaus, Bureau Assistant; Nicholas Tank, Bureau Assistant; and other Department Staff

CALL TO ORDER

James Koschik, Chair, called the meeting to order at 1:00 p.m. A quorum of four (4) members was present.

ADOPTION OF AGENDA

MOTION: James Koshick moved, seconded by Jodi Griffith, to adopt the agenda as published. Motion carried unanimously.

LEGISLATIVE/ADMINISTRATIVE RULE MATTERS

MOTION: Jodi Griffith moved, seconded by Patricia Schumacher, to delegate ratification of licenses to the Department of Safety and Professional Services including all applicants grandfathered by 2013 Wisconsin Act 20, but not including those typically reviewed by the Board. Motion carried unanimously.

MOTION: Patricia Schumacher moved, seconded by Jodi Griffith, to rescind the previous motion. Motion carried unanimously.

MOTION: Patricia Schumacher moved, seconded by Jodi Griffith, to delegate ratification of licenses to the Department of Safety and Professional Services for all applicants qualifying pursuant to 2013 Wisconsin Act 20. Motion carried unanimously.

ADJOURNMENT

MOTION: James Koshick moved, seconded by John Church, to adjourn the meeting. Motion carried unanimously.

The meeting adjourned at 2:02 p.m.

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State of Wisconsin

DEPARTMENT OF SAFETY AND PROFESSIONAL
SERVICES

C O R R E S P O N D E N C E / M E M O R A N D U M

DATE: August 8, 2013
TO: CHIROPRACTIC EXAMINING BOARD
FROM: JUSTIN TOMER
SUBJECT: PRECEPTOR APPROVAL

The following requests for approval of preceptors have been submitted to the DRL 45 days in advance of the beginning of the school's next trimester:

<u>Palmer</u>	<u>Chiropractor</u>	<u>Lic. Granted</u>
	Joe Dirker	07/18/1996
	Jason Lang	12/14/2001
	Linda Lorenz	12/13/1990

All of the above have current licenses in good standing.

**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and Title of Person Submitting the Request: Joshua Archiquette on behalf of Tom Ryan		2) Date When Request Submitted: 7/10/13 Items will be considered late if submitted after 4:30 p.m. and less than: <ul style="list-style-type: none"> ▪ 10 work days before the meeting for Medical Board ▪ 14 work days before the meeting for all others 	
3) Name of Board, Committee, Council, Sections: Chiropractic Examining Board			
4) Meeting Date: 8/15/13	5) Attachments: <input type="checkbox"/> Yes <input type="checkbox"/> No	6) How should the item be titled on the agenda page? Legislative/ Administrative Rule Matters Executive Order 61 Review - status	
7) Place Item in: <input checked="" type="checkbox"/> Open Session <input type="checkbox"/> Closed Session <input type="checkbox"/> Both	8) Is an appearance before the Board being scheduled? If yes, who is appearing? <input type="checkbox"/> Yes by <input checked="" type="checkbox"/> No	9) Name of Case Advisor(s), if required: N/A	
10) Describe the issue and action that should be addressed: Board members should report on the status of the rules review regarding small business			
11) Authorization			
Signature of person making this request			Date
Supervisor (if required)			Date
Executive Director signature (indicates approval to add post agenda deadline item to agenda) Date			
Directions for including supporting documents: 1. This form should be attached to any documents submitted to the agenda. 2. Post Agenda Deadline items must be authorized by a Supervisor and the Board Services Bureau Director. 3. If necessary, Provide original documents needing Board Chairperson signature to the Executive Assistant prior to the start of a meeting.			

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**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and Title of Person Submitting the Request: Shawn Leatherwood		2) Date When Request Submitted: July 16, 2013 <small>Items will be considered late if submitted after 4:30 p.m. and less than:</small> <ul style="list-style-type: none"> ▪ 10 work days before the meeting for Medical Board ▪ 14 work days before the meeting for all others 	
3) Name of Board, Committee, Council, Sections: Chiropractic Examining Board			
4) Meeting Date: August 15, 2013	5) Attachments: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6) How should the item be titled on the agenda page? 2013 Wisconsin Act 20	
7) Place Item in: <input checked="" type="checkbox"/> Open Session <input type="checkbox"/> Closed Session <input type="checkbox"/> Both	8) Is an appearance before the Board being scheduled? If yes, who is appearing? <input type="checkbox"/> Yes by _____ (name) <input checked="" type="checkbox"/> No	9) Name of Case Advisor(s), if required: N/A	
10) Describe the issue and action that should be addressed: Review and discuss changes prompted by 2013 Wisconsin Act 20 in preparation for drafting a scope statement.			
11) Authorization			
Shawn Leatherwood		July 16, 2013	
Signature of person making this request		Date	
Supervisor (if required)		Date	
Bureau Director signature (indicates approval to add post agenda deadline item to agenda)		Date	
Directions for including supporting documents: 1. This form should be attached to any documents submitted to the agenda. 2. Post Agenda Deadline items must be authorized by a Supervisor and the Board Services Bureau Director. 3. If necessary, Provide original documents needing Board Chairperson signature to the Bureau Assistant prior to the start of a meeting.			

SECTION 2215. 440.47 of the statutes is renumbered 202.17, and 202.17 (1), (2), (3) and (5), as renumbered, are amended to read:

202.17 (1) **PUBLIC RECORDS.** Except as provided in ss. 440.43 202.13 (5) and 440.44 202.14 (10), registration statements, applications, reports, contracts, and agreements of charitable organizations, fund-raising counsel, professional fund-raisers, and unpaid solicitors and all other documents and information retained by or filed with the department under this subchapter are available for inspection or copying under s. 19.35 (1).

(2) **FISCAL RECORDS; INSPECTION; RETENTION.** All charitable organizations, fund-raising counsels, professional fund-raisers, and unpaid solicitors shall keep true records concerning activities regulated by this subchapter in a form that will enable them accurately to provide the information required by this subchapter. Upon demand, those records shall be made available to the department for inspection and copying. The records shall be retained by the charitable organization, fund-raising counsel, professional fund-raiser, or unpaid solicitor for at least 3 years after the end of the fiscal year to which they relate.

(3) **EXCHANGE OF INFORMATION.** The department may exchange with the appropriate authority of any other state or of the United States information with respect to charitable organizations, fund-raising counsel, professional fund-raisers, unpaid solicitors, and commercial coventurers.

(5) **SUBSTITUTE SERVICE UPON DEPARTMENT OF FINANCIAL INSTITUTIONS.** A charitable organization, fund-raising counsel, professional fund-raiser, or commercial coventurer that has its principal place of business outside of this state or is organized under laws other than the laws of this state and that is subject to this subchapter shall be considered to have irrevocably appointed the department of financial institutions as its agent for the service of process or notice directed to the charitable organization, fund-raising counsel, professional fund-raiser, or commercial coventurer or to any of its partners, principal officers, or directors in an action or proceeding brought under this subchapter. Service of process or notice upon the department of financial institutions shall be made by personally delivering to and leaving with the department of financial institutions a copy of the process or notice. That service shall be sufficient service if the department of financial institutions immediately sends notice of the service and a copy of the process or notice to the charitable organization, fund-raising counsel, professional fund-raiser, commercial coventurer, or other person to whom it is directed by registered mail, with return receipt requested, at the last address known to the department of financial institutions.

SECTION 2216. 440.475 of the statutes is repealed.

SECTION 2217. 440.48 of the statutes is renumbered 202.18, and 202.18 (1) (b), (c) 1. and 2. (intro.) and a., (d) and (e), as renumbered, are amended to read:

202.18 (1) (b) Upon finding that a person has violated this subchapter or the applicable rules promulgated under s. 202.095 or this subchapter, the court may make any necessary order or judgment, including but not limited to injunctions, restitution, and, notwithstanding s. 814.04, award of reasonable attorney fees and costs of investigation and litigation, and, except as provided in par. (c), may impose a forfeiture of not less than \$100 nor more than \$10,000 for each violation.

(c) 1. A person who violates s. 440.47 202.17 (4) (b) may be required to forfeit not more than \$5,000, unless the person establishes reasonable cause for the violation.

2. (intro.) A person who, with intent to avoid, prevent, or interfere with a civil investigation under this subsection, does any of the following may be required to forfeit not more than \$5,000:

a. Alters or by any other means falsifies, removes from any place, conceals, withholds, destroys, or mutilates any documentary material in the possession, custody, or control of a person subject to notice of the taking of testimony or examination of documents under s. 440.47 202.17 (4).

(d) A charitable organization, fund-raising counsel, professional fund-raiser, commercial coventurer, or any other person who violates the terms of an injunction or other order entered under this subsection may be required to forfeit, in addition to all other remedies, not less than \$1,000 nor more than \$10,000 for each violation. The department of justice may recover the forfeiture in a civil action. Each separate violation of an order entered under this subsection is a separate offense, except that each day of a violation through continuing failure to obey an order is a separate offense.

(e) No charitable organization may indemnify an officer, employee, or director for any costs, fees, restitution, or forfeitures assessed against that individual by the court under par. (b), (c), or (d) unless the court determines that the individual acted in good faith and reasonably believed the conduct was in or not opposed to the best interests of the charitable organization.

SECTION 2228e. 446.02 (3) (a) of the statutes is repealed.

SECTION 2228p. 446.02 (3) (b) of the statutes is repealed and recreated to read:

446.02 (3) (b) Parts I, II, III, and IV of the examination administered by the National Board of Chiropractic Examiners. An applicant successfully completes Part III of that examination if the applicant scores at least 438 on that part. An applicant successfully completes Part IV of that examination if the applicant scores at least 475 on that part.

a contract until the contract is modified or rescinded by the department of administration to the extent allowed under the contract.

(f) *Rules and orders.* All rules promulgated, and all orders issued, by the department of safety and professional services that the secretary of administration determines relate to the awarding and administration of diesel truck idling reduction grants under section 101.45 of the statutes, as affected by this act, and that are in effect on the effective date of this paragraph shall remain in effect until their specified expiration date or until amended or repealed by the department of administration.

(g) *Pending matters.* Any matter pending with the department of safety and professional services on the effective date of this paragraph that the secretary of administration determines relates to the awarding and administration of diesel truck idling reduction grants under section 101.45 of the statutes, as affected by this act, is transferred to the department of administration and all materials submitted to or actions taken by the department of safety and professional services with respect to the pending matter are considered as having been submitted to or taken by the department of administration.

(7) TRANSFER OF PETROLEUM STORAGE REMEDIAL ACTION PROGRAM.

(a) *Assets and liabilities.* The assets and liabilities of the department of safety and professional services that the secretary of administration determines to be primarily related to activities under sections 101.143, 101.1435, and 101.144, 2011 stats., become the assets and liabilities of the department of natural resources on the effective date of this paragraph.

(b) *Employee transfer.* All incumbent employees who hold positions in the department of safety and professional services performing duties that the secretary of administration determines to be primarily related to sections 101.143, 101.1435, and 101.144, 2011 stats., and the full-time equivalent positions held by those employees, are transferred to the department of natural resources on the effective date of this paragraph.

(c) *Employee status.* Employees transferred under paragraph (b) have all the rights and the same status under subchapter V of chapter 111 and chapter 230 of the statutes in the department of natural resources that they enjoyed in the department of safety and professional services immediately before the transfer. Notwithstanding section 230.28 (4) of the statutes, no employee so transferred who has attained permanent status in class is required to serve a probationary period.

(d) *Tangible personal property.* On the effective date of this paragraph, all tangible personal property, including records, of the department of safety and professional services that the secretary of administration determines to be primarily related to activities under sections 101.143, 101.1435, and 101.144, 2011 stats., is transferred to the department of natural resources.

(e) *Contracts.* All contracts that were entered into by the department of safety and professional services that the secretary of administration determines to be primarily related to sections 101.143, 101.1435, and 101.144, 2011 stats., and that are in effect on the effective date of this paragraph remain in effect and are transferred to the department of natural resources. The department of natural resources shall carry out any obligations under such a contract until the contract is modified or rescinded by the department of natural resources to the extent allowed under the contract.

(f) *Rules and orders.* All rules promulgated, and all orders issued, by the department of safety and professional services that the secretary of administration determines to be primarily related to sections 101.143, 101.1435, and 101.144, 2011 stats., and that are in effect on the effective date of this paragraph, shall remain in effect until their specified expiration date or until amended or repealed by the department of natural resources.

(g) *Pending matters.* Any matter pending with the department of safety and professional services on the effective date of this paragraph that the secretary of administration determines to be related to section 101.143, 101.1435, or 101.144, 2011 stats., is transferred to the department of natural resources, and all materials submitted to or actions taken by the department of safety and professional services with respect to the pending matter are considered as having been submitted to or taken by the department of natural resources.

(8c) APPOINTMENT OF CERTAIN INDIVIDUALS TO POSITIONS IN CLASSIFIED SERVICE OF STATE CIVIL SERVICE SYSTEM. Notwithstanding section 230.15 (1) of the statutes, on the effective date of this subsection, 3 incumbent employees holding unclassified positions specified in section 230.08 (2) (v), 2011 stats., and one of the unclassified division administrator positions specified in section 230.08 (2) (e) 11 m., 2011 stats., shall be appointed to comparable positions in the classified service in the department of safety and professional services, as determined by the secretary of safety and professional services. The administrator of the division of merit recruitment and selection in the office of state employment relations shall waive the requirement for competitive examination under section 230.15 (1) of the statutes with respect to the classified positions and shall certify the incumbent employees for appointment to the classified positions. The administrator shall determine the employee's probationary status under section 230.28 of the statutes, except that the employee shall receive credit toward his or her probationary period for the time that the employee had been employed in any unclassified position immediately prior to appointment.

(9q) TREATMENT OF CERTAIN APPLICANTS FOR CHIRO- PRACTIC LICENSURE. Notwithstanding section 446.02 (3), 2011 stats., any person who applied, on or after January

Vetoed
In Part

1, 2012, and before the effective date of this subsection, to the chiropractic examining board for a license to practice as a chiropractor in this state and who took the exam under section 446.02 (3) (a), 2011 stats., shall not be required to have successfully completed that exam and shall be considered to have satisfied all examination requirements to obtain a license to practice as a chiropractor in this state if the person has done all of the following:

(a) Achieved a score of 375 or higher on Part III of the examination administered by the National Board of Chiropractic Examiners.

(b) Achieved a score of 375 or higher on Part IV of the examination administered by the National Board of Chiropractic Examiners.

(c) Successfully completed the exam under section 446.02 (3) (c) of the statutes.

SECTION 9145. Nonstatutory provisions; Transportation.

(3) TEMPORARY FUNDING FOR I 94 PROJECT.

(a) In this subsection, "I 94 project" means the reconstruction of I 94 in Milwaukee County from 70th Street to 25th Street.

(b) Notwithstanding sections 84.013 (1) (a) and 84.0145 (3) of the statutes and section 84.0145 (2) of the statutes, as affected by this act, during the 2013-14 fiscal year, the department of transportation may encumber or expend moneys from the appropriation under section 20.395 (3) (bq) of the statutes, as affected by this act, for preliminary engineering and design work associated with the I 94 project if a record of decision on the project's environmental impact study is issued during the 2013-14 fiscal year.

(c) Notwithstanding sections 84.013 (1) (a) and 84.0145 (3) of the statutes and section 84.0145 (2) of the statutes, as affected by this act, during the 2014-15 fiscal year, the department of transportation may encumber or expend moneys from the appropriation under section 20.395 (3) (bq), as affected by this act, of the statutes for preliminary engineering and design work associated with the I 94 project if a record of decision on the project's environmental impact study is issued during the 2013-15 fiscal biennium.

(4i) **RACINE COUNTY HARBOR ASSISTANCE GRANT.** In the 2013-14 fiscal year, from the appropriations under sections 20.395 (2) (cq) and 20.866 (2) (iv) of the statutes, as affected by this act, notwithstanding the eligibility criteria under section 85.095 of the statutes, the department of transportation shall award a grant under section 85.095 (2) (a) of the statutes to Racine County for dredging of a boat marina located at the mouth of the Root River. The amount of the grant awarded under this subsection shall be \$700,000 or the total cost of the project, whichever is less.

(4u) **TOWN OF WASHINGTON HARBOR ASSISTANCE GRANT.** In the 2013-15 fiscal biennium, from the appo-

priations under sections 20.395 (2) (cq) and 20.866 (2) (iv) of the statutes, as affected by this act, notwithstanding the eligibility criteria of section 85.095 of the statutes, the department of transportation shall award a grant under section 85.095 (2) (a) of the statutes to the town of Washington in Door County for dredging, disposal of dredged material, and related costs associated with the dredging of the west channel entrance to Detroit Harbor. The amount of the grant awarded under this subsection shall be \$5,200,000 or the total cost of the project, whichever is less.

(5v) TRANSPORTATION ALTERNATIVES PROGRAM.

(a) Notwithstanding section 85.021 (2) (a) of the statutes, as created by this act, and subject to paragraph (b), any project for which a grant was awarded under section 85.024, 2011 stats., 85.026, 2011 stats., 85.027, 2011 stats., or 85.029, 2011 stats., is eligible to proceed to completion under the transportation alternatives program under section 85.021 of the statutes, as created by this act, if the project proceeds in accordance with the provisions of the program under which the grant for the project was awarded.

(b) If a project for which a grant was awarded under section 85.024, 2011 stats., 85.026, 2011 stats., 85.027, 2011 stats., or 85.029, 2011 stats., is not commenced within 4 years after the date that the grant was awarded or one year after the effective date of this paragraph, whichever is later, the project may not proceed as provided under paragraph (a) and the grant award is rescinded. For purposes of this paragraph, a planning project is commenced when a planning study is begun and an infrastructure project is commenced when construction is begun.

(7L) COUNTY TRUNK HIGHWAY RELOCATION PROJECT IN SHEBOYGAN COUNTY.

(a) In this subsection:

1. "Affected local governments" means Manitowoc County, Sheboygan County, the town of Centerville in Manitowoc County, the town of Mosel in Sheboygan County, the town of Sheboygan in Sheboygan County, and the village of Cleveland in Manitowoc County.

2. "Department" means the department of transportation.

3. "Project" means the relocation of CTH "LS" to the existing Dairyland Drive in Manitowoc and Sheboygan counties and the construction of access roads to properties along existing CTH "LS."

(b) Notwithstanding limitations on the amount and use of aids provided under section 86.31 of the statutes, or on eligibility requirements for receiving aids under section 86.31 of the statutes, the department shall award a grant in the 2013-15 fiscal biennium to the affected local governments for the project if the affected local governments reach a jurisdictional transfer agreement that specifies all of the following to the satisfaction of the department:

income tax return or a claim for a refund that is filed on the effective date of this subsection.

(5e) **FARMLAND PRESERVATION TAX CREDIT.** The treatment of section 20.835 (2) (do) of the statutes first applies to taxable years beginning after December 31, 2012.

(6) **FRAUDULENT OR RECKLESS CLAIMS FOR TAX CREDITS.** The treatment of section 71.83 (5) of the statutes first applies to a fraudulent or reckless claim that is filed with the department of revenue on the effective date of this subsection.

(7) **INCOME TAX CHECKOFF, AMERICAN RED CROSS, BADGER CHAPTER.** The treatment of sections 20.435 (1) (gd) and 71.10 (5k) (i) of the statutes first applies to taxable years beginning on January 1 of the year in which this subsection takes effect, except that if this subsection takes effect after July 31 the treatment of sections 20.435 (1) (gd) and 71.10 (5k) (i) of the statutes first applies to taxable years beginning on January 1 of the year following the year in which this subsection takes effect.

(8) **LUMP SUM CONTRACTS.** The treatment of sections 77.51 (11d) and 77.54 (60) of the statutes first applies to contracts entered into on the effective date of this subsection.

(8d) **NONPROFIT RESALE STORE.** The treatment of section 70.11 (12) (c) of the statutes first applies to the property tax assessments as of January 1, 2014.

(9) **QUALIFIED RESEARCH SALES TAX EXEMPTIONS.** The treatment of section 77.54 (57) (a) 1f., 1m., 4., and 5. and (b) 1. and 2., and (57d) of the statutes first applies to sales made on the effective date of this subsection.

(9d) **STUDENT HOUSING FACILITIES.** The treatment of section 70.11 (3m) (a) (intro.) and 4. of the statutes first applies to the property tax assessments as of January 1, 2013.

(10) **BIOGAS AND SYNTHETIC GAS ENERGY SYSTEMS.** The treatment of section 70.111 (18) of the statutes first applies to the property tax assessments as of January 1, 2014.

(10d) **ADVERTISING SIGNS.** The treatment of section 70.04 (3) of the statutes, the renumbering and amendment of section 70.03 of the statutes, and the creation of section 70.03 (2) of the statutes first apply to the property tax assessments as of January 1, 2014.

(11) **HEALTH INSURANCE PREMIUM SUBTRACTION; PREMIUM ASSISTANCE CREDITS.** The treatment of section 71.05 (6) (b) 19. a., 35. a., 38. a., and 42. a. of the statutes first applies to taxable years beginning after December 31, 2013.

(12) **CAPITAL GAINS DEFERRALS, EXCLUSIONS.**

(a) The treatment of section 71.05 (25) (title), (a) 2., 3., and 4., and (b) (intro.), 1., and 2. of the statutes first applies, retroactively, to taxable years beginning after December 31, 2010.

(b) The treatment of section 71.05 (26) (title), (a) 4., (b) (intro.), (bm), (c), (d), and (f) of the statutes first

applies to taxable years beginning after December 31, 2013.

(13) **EXPENDITURE RESTRAINT PROGRAM.** The treatment of section 79.05 (6) (c) of the statutes first applies to payments made in 2014.

(14) **SCHOOL LEVY CREDIT; LOTTERY FUND.** The treatment of sections 20.835 (3) (b) and (qb), 73.03 (66), and 79.10 (4) of the statutes first applies to payments made in 2013.

(14q) **NOTICE TO MUNICIPALITIES OF PROPERTY TAX CREDITS.** The treatment of section 79.10 (2) (a) and (b), (9) (b), and (11) (b), (c), and (d) of the statutes first applies to the distributions in 2015.

(15) **VETERANS AND SURVIVING SPOUSES PROPERTY TAX CREDIT.** The treatment of section 71.07 (6e) (a) 2. d. of the statutes first applies to taxable years beginning on January 1, 2014.

(15d) **MANUFACTURING AND AGRICULTURE CREDIT.** The treatment of section 71.07 (5n) (c) 2., 3., 4., and 5. of the statutes first applies to taxable years beginning on January 1, 2014.

SECTION 9338. Initial applicability; Safety and Professional Services.

(1L) **PRIVATE ELEVATORS AND DUMBWAITERS.**

(a) The treatment of section 101.983 (3) of the statutes (with respect to sales of individual residential dwelling units) first applies to offers of purchase that are made on the effective date of this paragraph.

(b) The treatment of section 101.983 (3) of the statutes (with respect to transfers other than sales of individual residential dwelling units) first applies to transfers of title that occur on the effective date of this paragraph.

(1q) **CHIROPRACTOR EXAMINATIONS.** The treatment of sections 20.165 (1) (g) and (gc) and 446.02 (3) (a) and (b) of the statutes first applies to an application for a license to practice as a chiropractor that the chiropractic examining board receives on the effective date of this subsection.

SECTION 9343. Initial applicability; Technical College System.

(1) **LEVY RATE LIMIT.** The treatment of section 38.16 (1) and (3) (e) of the statutes first applies to the tax levy imposed in 2013.

(2) **FEE REMISSION.** The treatment of section 38.24 (7) (b) (intro.) and (8) (b) of the statutes first applies in the first semester beginning after January 1, 2014.

SECTION 9345. Initial applicability; Transportation.

(2) **PENALTIES FOR VIOLATING WEIGHT LIMITATIONS.** The treatment of section 348.21 (3) (b) 1. b., c., d., and e. and 2. b., c., d., and e. of the statutes first applies to violations committed on the effective date of this subsection, but does not preclude the counting of other violations as prior violations for purposes of sentencing a person.

(3) **DISASTER AIDS.**

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**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and Title of Person Submitting the Request: Joshua Archiquette		2) Date When Request Submitted: 7/23/13 Items will be considered late if submitted after 4:30 p.m. and less than: <ul style="list-style-type: none"> ▪ 10 work days before the meeting for Medical Board ▪ 14 work days before the meeting for all others 	
3) Name of Board, Committee, Council, Sections: Chiropractic Examining Board			
4) Meeting Date: 8/15/13	5) Attachments: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6) How should the item be titled on the agenda page? Informations Items Review of Correspondence – Truhlsen Chiropractic	
7) Place Item in: <input checked="" type="checkbox"/> Open Session <input type="checkbox"/> Closed Session <input type="checkbox"/> Both	8) Is an appearance before the Board being scheduled? If yes, who is appearing? <input type="checkbox"/> Yes by <input checked="" type="checkbox"/> No	9) Name of Case Advisor(s), if required: N/A	
10) Describe the issue and action that should be addressed: Review of correspondence with Trulsen Chiropractic regarding I-Lipo Laser Treatment System			
11) Authorization			
Signature of person making this request		Date	
Supervisor (if required)		Date	
Executive Director signature (indicates approval to add post agenda deadline item to agenda)			
Date			
Directions for including supporting documents: 1. This form should be attached to any documents submitted to the agenda. 2. Post Agenda Deadline items must be authorized by a Supervisor and the Board Services Bureau Director. 3. If necessary, Provide original documents needing Board Chairperson signature to the Executive Assistant prior to the start of a meeting.			

TRUHLSEN Chiropractic sc

Spinal and Extremity Rehabilitation

PO Box 186 Dresser, WI 54009

715-755-2583

Date:6-24-13

TO: Dept. of Safety and Professional Services and Wisconsin Chiropractic Examining Board

RE: I-Lipo Laser system and Circumferential measurement loss and Chiropractic Scope of Practice

Dear Chiropractic Examining Board Members

I was informed, through members of the WCA, that the I-Lipo Laser Treatment System for fat circumferential reduction was not accepted as a modality in which Doctors of Chiropractic could use as an adjunct to their treatment regarding spinal care and/or nutritional health and wellness treatment plans. It was expressed that the Examining Board stated it was outside our scope of practice and it was not a proven modality. I would like to respectfully counter this opinion and prove this procedure as a viable treatment for the care of chiropractic patients.

Under the Chiropractic scope of practice, Chir 4.02, Chiropractic science involves the "removal or reduction of any interference to the nervous system integrity or nerve energy expression and the resulting change in *biomechanical or physiological homeostasis*". It also goes on to say "abnormal function may be caused by the abnormal nerve impulse transmission or expression due to biochemical factors, compression, traction, pressure or irritation upon nerves as a result of bony segments, especially of the spine or contiguous structures, either deviating from normal juxtaposition or function which irritates nerves, their receptors or effectors" (definition of effector: A muscle, gland, or organ *capable of responding to a stimulus, especially a nerve impulse*- which fat/adipose tissue is part of the endocrine system and can affect nerve transmission and cellular communication 2. A nerve ending that carries impulses to a muscle, gland, or organ and activates muscle contraction or glandular secretion-which as stated is fat is part of the endocrine system.3. *Biochemistry* A small molecule that when bound to an allosteric site of an enzyme causes either a decrease or an increase in the activity of the enzyme). Not only does fat affect nerve transmission at a cellular level but the quantity and distribution patterns of fat on the body directly results in biomechanical change of the spine and the function and integrity of individual motion segments and contiguous structures. Recent studies and way back to 1997, (*The Prevalence of low back pain and Associations with Body Fatness, Fat Distribution and Height*. Han TS, Schouten JS, Lean ME, Seidell JC *Int J Obesity Related Metab Disorders* 1997 Jul;21: 600-7 listed in PubMed) have proven the correlation between not only weight but distribution and circumferential placement of body fat and incident of back pain and related biomechanical disorders. This fact alone correlates to the chiropractic scope of practice. According to The American Obesity Association states publically that women who are obese suffer higher risks of back pain and sciatica due to biomechanical postural changes and resultant strain on the back and pelvis structures. They go on to state that "women who are obese *or* who have a large waist size (circumferential) are particularly at risk for lower back pain (American Obesity Association. *Health effects of Obesity*. AOA fact sheets 2002). Arthritis of the spine is also aggravated and/or caused by biomechanical changes within the spinal motion unit segments, and as

the AOA stated, this is not just fat but placement and measurement of fat distributions. Reducing circumferential measurement of the distribution of body fat, including but not limited to belly and pelvic area fat, directly decreases the risk of incident of biomechanical strain on the vertebral motion units and muscles. This too, relates to the chiropractic scope of practice and goals of improving a person's biomechanical stressors and resultant improved health. The journal of *SPINE* (official journal for spinal surgeons) published a research paper (Sept 2011) from Australia stating that back pain associated with fat has a stronger correlation with the distribution area and measurements of fat and fat mass vs lean mass more so than just weight itself. The most problematic areas of fat distribution related to back pain and disability tend to be around the trunk, abdomen, hips, thighs and buttock according to the study. Just a quick search on the internet reveals hundreds of peer reviewed and published studies, articles and opinions which correlate the above statements.

Secondly, I was also informed that laser Lipo treatment was not rendered as a modality that was proven effective or valid at reducing circumferential fat deposits. Please see the attachment from the *Dept. of Health and Human Services* dated March 5th, 2012. You will find that the I-Lipo system by Chromogenex Technologies Limited has been FDA cleared (510(k) number: K11.1501f) for circumferential reduction.

According to the Wisconsin Chiropractor's scope of practice (Chir 4.03) "The practice of chiropractic is the application of chiropractic science in the adjustment of the spinal column, skeletal articulations and adjacent tissue which includes diagnosis and analysis to determine the existence of spinal subluxations and associated nerve energy expression and the use of *procedures and instruments preparatory and complementary to the treatment of the spinal column, skeletal articulations and adjacent tissues*."

The number of articles relating fat distribution and circumferential measurement relating to biomechanical changes of the spine is vast. I have enclosed just a couple of articles referring to my correlation of fat distribution, biomechanical risk of spinal column and complimentary procedures to reduce that risk. I have also included the letter from the Dept. of Health and Human Services with the FDA clearance number for the unit I would like to incorporate in my health, nutrition and wellness program at my chiropractic office. This system has been used extensively by professionals (MD's, DC's, DO's etc) across the United States and European countries. I have personally reviewed treatments protocols with other DC's in the US who have incorporated this into their nutrition and weight loss programs. They have had increased patient compliance and considerable additional success to their healthy lifestyle programs implemented with their patients. Thank you for your time and I look forward to your professional and objective evaluation and prompt response regarding this matter.

Sincerely,



Dwayne K. Truhlsen, DC

Graduate of Logan University of Health Sciences (Doctorate).
Advanced Graduate of The Spine Research Institute of San Diego.
Advanced Graduate of The Center for Research into Automotive Safety and Health.
State Certified in Clinical Nutrition.
Certified in *Power Lift* Occupational Lifting Procedure and Safe Material Handling
Qualified DOT Examiner
Certified in Risk Factors of Injury and Occupant Kinematics (motor vehicle crashes)
Performed Full Scale, Live Human Crashes



Display Settings: Abstract

Performing your original search, *affects of body fat and spinal pain*, in PubMed will retrieve 6 records.

Int J Obes Relat Metab Disord. 1997 Jul;21(7):600-7.

The prevalence of low back pain and associations with body fatness, fat distribution and height.

Han TS, Schouten JS, Lean ME, Seidell JC.

Department of Human Nutrition, University of Glasgow, Glasgow Royal Infirmary, UK.

Abstract

OBJECTIVES: To examine the associations of low back pain symptoms with waist circumference, height, waist to hip ratio and body mass index, and to test the interactions between (1) waist circumference and height, and (2) waist to hip ratio and body mass index.

SETTING: Cross-sectional study set in The Netherlands of a random sample of 5887 men and 7018 women aged 20-60 y.

RESULTS: The prevalences of low back pain in men and women in the past 12 months were 46% and 52%, of whom 17% and 21% had low back pain for a total of 12 or more weeks, and 13% and 18% had symptoms suggestive of intervertebral disc herniation. After adjustments for age, smoking and education, more women in the highest tertile of waist circumference reported low back pain in the past 12 months (odds ratio = 1.2, 95% confidence interval: 1.1-1.4), low back pain for a total of 12 or more weeks (odds ratio = 1.5, 95% confidence interval: 1.3-1.8), and intervertebral disc herniation symptoms (odds ratio = 1.3, 95% confidence interval: 1.1-1.6) than women in the lowest waist tertile. Corresponding values of low back pain symptoms for women with high body mass index or high waist to hip ratio were similar to those with high waist. There were no significant differences between men in different tertiles of waist, waist to hip ratio or body mass index reporting low back pain symptoms. Tallest subjects did not report low back pain symptoms more often than shortest subjects. There was no significant interactions between waist and height or between waist to hip ratio and body mass index on low back pain symptoms.

CONCLUSIONS: Women who are overweight or with a large waist have a significantly increased likelihood of low back pain. There are no significant interactions between waist and height, or waist to hip ratio and body mass index on low back pain symptoms.

PMID: 9226492 [PubMed - indexed for MEDLINE]

Weight Loss for Back Pain Relief

By: Donald J. Frisco, MD

Patients who are overweight or obese and suffer from back pain may not be aware that their excess weight is actually contributing to their back pain. While it has not been thoroughly studied exactly how excess weight can cause or contribute to back pain, it is known that people who are overweight often are at greater risk for back pain, joint pain and muscle strain than those who are not obese ¹.

In addition to back pain, symptoms exhibited by persons who are obese or severely overweight may include fatigue, as well as difficulty breathing and shortness of breath during short periods of exercise ². If the fatigue and shortness of breath causes one to avoid activity and exercise, then this can indirectly lead to back pain as lack of exercise contributes to many common forms of back pain.

This article examines the heightened risk and severity for certain back problems that obese or overweight patients may experience as a result of their weight. The article also provides practical tips and guidelines for how patients can use exercise, diet and weight loss to reduce their back pain.

Problems Caused by Obesity

According to the American Obesity Association, episodes of musculoskeletal pain, and specifically back pain, are prevalent among the nearly one-third of Americans who are classified as obese ². The American Obesity Association also reports that more obese persons say they are disabled and less able to complete everyday activities than persons with other chronic conditions ¹.

Some of the most common obesity-related problems include musculoskeletal and joint related pain ¹. For people who are overweight, attention to overall weight loss is important as every pound adds strain to the muscles and ligaments in the back. In order to compensate for extra weight, the spine can become tilted and stressed unevenly. As a result, over time, the back may lose its proper support and an unnatural curvature of the spine may develop.

In particular, pain and problems in the low back may be aggravated by obesity. This occurs for people with extra weight in their stomachs because the excess weight pulls the pelvis forward and strains the lower back, creating **lower back pain**. According to the American Obesity Association, women who are obese or who have a large waist size are particularly at risk for lower back pain ¹.

Obese or overweight patients may experience **sciatica** and low back pain from a herniated disc. This occurs when discs and other spinal structures are damaged from having to compensate for the pressure of extra weight on the back. In addition, pinched nerves and **piriformis syndrome** may result when extra weight is pushed into spaces between bones in the low back area ³.

Arthritis of the spine that causes back pain may be aggravated when extra body weight strains joints. Those patients with a Body Mass Index (BMI) of greater than 25 are more likely to develop **osteoarthritis** than those with a lower BMI. The American Obesity Association recommends modest weight loss as a treatment for some types of osteoarthritis ².

The effectiveness of back surgery may also be affected by a patient's weight. Obese patients are at higher risk

overweight patients, paying attention to weight loss before undergoing back surgery may improve the healing process after surgery.

Identifying the Need for Weight Loss

Body Mass Index (BMI) is a measure commonly used by medical practitioners. BMI is a mathematical formula ($BMI = \text{kg}/\text{m}^2$) that takes into account a person's weight in kilograms and height in meters and calculates a number. The higher a person's BMI falls on a pre-determined range of values, the higher the likelihood for obesity.

Although there is some debate over the specific meaning of BMI measurements, a BMI of 30 or higher is typically considered to be obese, while a measure of 25 to 29.9 is typically considered to be overweight⁴.

It is also important to evaluate where excess fat is carried on the patient's body. Patients who carry more weight around their midsection are at greater risk for obesity-related health problems, such as low back pain. Weight loss for health considerations is often advisable for women with a waist measurement of more than 35 inches or men with a waist measurement of more than 40 inches⁴.

References:

1. American Obesity Association. "Health effects of obesity." AOA Fact Sheets. 2002.
2. American Obesity Association. "What is obesity?" AOA Fact Sheets. 2002.
3. Fishman L., Ardman C. *Back Pain: How to Relieve Low Back Pain and Sciatica*. New York: W.W. Norton & Company, 1997:248.
4. National Institutes of Health. National Institute of Diabetes & Digestive & Kidney Diseases. "Understanding adult obesity." 2001. <http://win.niddk.nih.gov/publications/understanding.htm>.

Article written by: **Donald J. Frisco, MD**

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Back pain linked to increases in body fat

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Like 30

Sep 9 2011

New research has established an association between the composition and distribution of body fat mass and greater chances of back pain, a discovery that supports previous studies that also found such a link.

According to the National Institutes of Health, eight out of 10 people will have back pain symptoms at some point in their lives. Recent studies by the Centers for Disease Control estimated that 28 percent of adults aged 18 years or older had lower back pain three months prior to being surveyed. More than half the people who reported back pain also experienced difficulties or limitations in mobility, concentration, social interaction and working. In the past, the CDC stated that lower back pain is very costly to the healthcare system in terms of treatment and management. Furthermore, it is the most common cause of job-related disability and a leading factor in reduction of productivity.

The existing body of research suspected an association between increasing body weight and back pain, but the evidence was weak. A new study from Australia, published in the Sept. 15 issue of *Spine*, finds a stronger relationship between the two by not only characterizing the distribution of body fat, but also comparing the effects of fat mass to those of lean mass.

For the study, lead author Donna M. Urquhart, PhD, of Monash University in Melbourne enrolled 135 participants of various builds. The subjects answered questionnaires about lower back pain and any related disabilities. Body composition and distribution of fat and lean mass were determined through x-ray absorptiometry.

Results showed that people with greater fat mass experienced more severe back pain and increased disability. For every five-unit increment of body mass index (BMI), the likelihood of severe back pain went up by 35 percent, and the odds of disability went up by 66 percent.

In terms of weight, the chances of having severe back pain increased by 19 percent for approximately every 11 pounds of fat. The most problematic areas of fat distribution related to back pain and disability tend to be around the trunk, abdomen, hips, thighs and buttocks, according to the study.

However, none of the reported pain and disability were related to increases in lean body mass. Greater fat mass can aggravate back pain by placing more physical demands on the spine as well as increasing inflammation, the researchers said.

Though the study links back pain to increased body fat mass, further investigations will be needed to see if the latter actually leads to the former.

Separate research published in June found a link between lack of exercise and chronic pain in the back, neck and shoulder. The 11-year project from Norway revealed that men who exercised two or more hours per week were 25 percent less likely to experience lower back pain compared to men who didn't exercise at all; a similar comparison for women found that those who exercised were 8 percent less likely to have lower back pain.

For her latest research, Urquhart received the 2011 Young Investigator Award from *Spine*.

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Like 30

Related Resources



Food and Drug Administration
10903 New Hampshire Avenue
Document Control Room - WO66-G609
Silver Spring, MD 20993-0002

Chromogenex Technologies Limited
% Mr. Peter R. Bevan
Quality and Regulatory Manager
Units 1 and 2 Heol Rhosyn
Parc Dafen
Llanelli
Carmarthenshire SA14 8QG

MAR 23 2012

Re: K111501

Trade/Device Name: i-lipo™ System
Regulation Number: 21 CFR 878.5400
Regulation Name: Low level laser system for aesthetic use
Regulatory Class: II
Product Code: OLI
Dated: March 5, 2012
Received: March 7, 2012

Dear Mr. Bevan:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act

or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please go to <http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm> for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,



Mark N. Melkerson
Director
Division of Surgical, Orthopedic
and Restorative Devices
Office of Device Evaluation
Center for Devices and
Radiological Health



Enclosure

Indications for Use

510(k) Number (if known): K111501

Device Name: i-lipo™ System

Indications for use:

The i-lipo™ Low Level Laser System is indicated for Non-invasive aesthetic treatment for the temporary reduction in circumference of the waist.

Prescription Use X
(21 CFR 801 Subpart D)

AND/OR

Over-The-Counter Use _____
(21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF NEEDED)

Neil R. Darden for m.x.m.
(Division Sign-Off)
Division of Surgical, Orthopedic,
and Restorative Devices

510(k) Number K111501

**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and Title of Person Submitting the Request: Joshua Archiquette		2) Date When Request Submitted: 7/20/2013 Items will be considered late if submitted after 4:30 p.m. and less than: <ul style="list-style-type: none"> ▪ 10 work days before the meeting for Medical Board ▪ 14 work days before the meeting for all others 	
3) Name of Board, Committee, Council, Sections: Chiropractic Examining Board			
4) Meeting Date: 8/15/13	5) Attachments: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6) How should the item be titled on the agenda page? Education Matters – Review of Herzing University’s application for program approval	
7) Place Item in: <input checked="" type="checkbox"/> Open Session <input type="checkbox"/> Closed Session <input type="checkbox"/> Both	8) Is an appearance before the Board being scheduled? If yes, who is appearing? <input type="checkbox"/> Yes by <input checked="" type="checkbox"/> No	9) Name of Case Advisor(s), if required: N/A	
10) Describe the issue and action that should be addressed: Discussion and consideration of Hezing University’s application for program approval			
11) Authorization			
Signature of person making this request			Date
Supervisor (if required)			Date
Executive Director signature (indicates approval to add post agenda deadline item to agenda)			
Date			
Directions for including supporting documents: 1. This form should be attached to any documents submitted to the agenda. 2. Post Agenda Deadline items must be authorized by a Supervisor and the Board Services Bureau Director. 3. If necessary, Provide original documents needing Board Chairperson signature to the Executive Assistant prior to the start of a meeting.			



DIPLOMA IN CHIROPRACTIC TECHNICIAN (DCT)

PROGRAM DESCRIPTION

This Diploma in Chiropractic Technician program prepares students with the necessary skills and academic knowledge for an entry-level position as a chiropractic technician. The foundation for a career as a chiropractic technician is based in the chiropractic management modalities, business skills, and an understanding of anatomy and physiology. Chiropractic technicians will develop an awareness of the integrated relationship between the doctor of chiropractic, the chiropractic technician, and the patient as part of the therapeutic encounter. The curriculum is made up of instruction in subjects necessary for students to succeed as chiropractic technicians and emphasizes and reinforces the need to provide the highest quality service to patients.

PROGRAM OBJECTIVES

Upon completion of this program students should be able to demonstrate the ability to:

1. Demonstrate competence in anatomy and physiology, as it pertains to the chiropractic technician.
2. Establish proficiency in ethical practices, office procedures, and managing financial accounts and patient documentation.
3. Demonstrate competence in wellness and patient education.
4. Display capability in clinical assessment assistance, including the ability to perform a basic examination procedure and administer therapeutic modalities.
5. Exhibit how to operate equipment and complete radiographic imaging.
6. Demonstrate proficiency in the clinical practicum.
7. Display the qualities of the Herzing P.R.I.C.E. of Success (professionalism, respect, integrity, caring, and engagement) model.

POTENTIAL JOB POSITION TITLES

Potential entry-level job position titles include, but are not limited to, chiropractic technician, chiropractic assistant, chiropractic office manager, and chiropractic radiographic technician.

PROGRAM CONTENT

A minimum of 44.00 semester credit hours is required for graduation.

REQUIRED COURSES

All courses, 42.00 semester credit hours, are required.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
CT 120	Introduction to Chiropractic Foundations and Philosophy	None	3.00
CT 160	Chiropractic Office Procedures and Insurance Claims	None	3.00
CT 170	Chiropractic Radiographic Dynamics	Corequisite CT 120	3.00
CT 175	Chiropractic Radiographic Positioning	Corequisites CT 120 and CT 170	3.00
CT 180	Chiropractic Office Procedures Internship	CT 160 and PD 214	2.00
CT 190	Chiropractic Physiologic Therapeutics	CT 120	3.00
CT 270	Chiropractic Examination and Patient Education	Corequisite CT 120	3.00
CT 280	Chiropractic Radiographic and Physiologic Therapeutics	CT 175 and CT 190	4.00
CT 290	Chiropractic Insurance Application Internship	CT 160 and PD 214	3.00
HU 225	Fundamentals of Healthcare Law and Ethics	None	3.00
TN 120	Massage Theory and Practice I	None	4.00
SC 125	Anatomy and Physiology for Therapeutic Massage I	Corequisite SC 125L	3.00

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
SC 125L	Anatomy and Physiology for Therapeutic Massage I Lab	Corequisite SC 125	1.00
SC 225	Anatomy and Physiology for Therapeutic Massage II	Corequisite SC 225L	3.00
SC 225L	Anatomy and Physiology for Therapeutic Massage II Lab	Corequisite SC 225	1.00

PERSONAL AND PROFESSIONAL DEVELOPMENT COURSES

2.00 semester credit hours are required.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
PD 121	Professional Development I	None	1.00
PD 202	Professional Development II	None	1.00
PD 214	AS/AAS/Diploma Internship Preparation	None	0.00

Distribution of Clock Hours by Course					
Course or Category	Lecture	Lab	Internship	Total Clock Hours	Credits
CT 120	45.00			45.00	3.00
CT 160	45.00			45.00	3.00
CT 170	30.00	30.00		60.00	3.00
CT 175	30.00	30.00		60.00	3.00
CT 180	15.00		45.00	60.00	2.00
CT 190	30.00	30.00		60.00	3.00
CT 270	30.00	30.00		60.00	3.00
CT 280	30.00		90.00	120.00	4.00
CT 290	15.00		90.00	105.00	3.00
HU 225	45.00			45.00	3.00
TN 120	60.00			60.00	4.00
SC 125	45.00			45.00	3.00
SC 125L		30.00		30.00	1.00
SC 225	45.00			45.00	3.00
SC 225L		30.00		30.00	1.00
Personal/Professional Development	30.00			30.00	2.00
Totals	495.00	180.00	225.00	900.00	44.00



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 120	
Course Name:	Introduction to Chiropractic Foundations and Philosophy	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	45 Clock Hours

COURSE DESCRIPTION:

This course focuses on principles that are the basis of the practice of chiropractic. This course investigates the terminology and rationalization to chiropractic practice and care. It examines the body systems associated with chiropractic healthcare and describes the basis of subluxation and secondary conditions associated with subluxation. Attention is placed on the body's innate ability to heal itself.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Discuss chiropractic terminology used in this course.
2. Discuss the duties of a chiropractic technician.
3. Discuss subluxation and the integral relationship of the musculoskeletal and nervous system.
4. Describe the history of chiropractic and chiropractic philosophy.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 160	
Course Name:	Chiropractic Office Procedures and Insurance Claims	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	45 Clock Hours

COURSE DESCRIPTION:

This course focuses on introducing the student chiropractic technician to office procedures in chiropractic healthcare. Students investigate patient record management, operation of basic office equipment, and office visit communication. Exploring patient accounting practices and billing accounts in different insurance coverage situations such as HMO, PPO, Medicare, Medicaid, general, supplemental, and secondary insurance, are covered.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Use appropriate forms, including intake forms and informed consent forms.
2. Learn about medical records and the skills related to efficient medical record note-taking.
3. Identify key concepts in dealing with workers' compensation and motor vehicle collision cases.
4. Interpret use of billing and procedure codes.
5. Demonstrate proper usage of the ICD-10 code book.
6. Apply the steps involved in the proper coding process.
7. Identify ethical and legal issues as they relate to coding procedures and services.
8. Utilize knowledge of medical terminology and anatomy and physiology to interpret doctor's notes, radiology reports, and lab reports.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Chriocode Deskbook 2006 Plus Software; Chriocode Institute; 14th edition (2006); ISBN-10: 0967710472; ISBN-13: 978-0967710471

Pre-Pack of Computers in the Medical Office With Medisoft v16 Student At-Home Software; Susan Sanderson; McGraw-Hill Science/Engineering/Math; 7 edition (August 3, 2010); ISBN-10: 0077471911; ISBN-13: 978-0077471910

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 170	
Course Name:	Chiropractic Radiographic Dynamics	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	CT 120	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours

COURSE DESCRIPTION:

This course focuses on preparing students in the techniques of X-ray physics for X-ray positioning, processing, production, and radiation protection. Students will study the basics of physics used in the production of radiation.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Demonstrate basic knowledge of radiographic dynamics.
2. Identify the controlling factors for density, contrast, detail, and distortion.
3. Demonstrate a basic knowledge of radiographic procedures including X-ray science, equipment, X-ray production, and radiation protection.
4. Identify X-ray tube components and their function.
5. Possess a basic understanding of radiographic equipment operation.
6. Define and describe image quality and image production.
7. Discuss radiographic factors (controlling and influencing) that affect image quality and production.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Radiologic Science for Technologists: Physics, Biology, and Protection; Stewart C. Bushong; Mosby; 9 edition (March 18, 2008); ISBN-10: 0323048374; ISBN-13: 978-0323048378

Workbook and Laboratory Manual for Radiologic Science for Technologists: Physics, Biology, and Protection; Stewart C. Bushong; Mosby; 9 edition (April 3, 2008); ISBN-10: 0323048382; ISBN-13: 978-0323048385

Introduction to Radiologic Sciences and Patient Care; Arlene M. Adler and Richard R. Carlton; Saunders; 4 edition (March 14, 2007); ISBN-10: 1416031944; ISBN-13: 978-1416031949

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 175	
Course Name:	Chiropractic Radiographic Positioning	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	CT 120 and CT 170	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours

COURSE DESCRIPTION:

Students will develop skills in patient positioning for various X-ray views and focus on views of the axial skeleton, with additional extremity positioning. This course includes instruction in patient habitus, positioning, equipment manipulation, and radiographic quality. Students will be oriented in the basic operation of equipment used in the field.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Describe procedure criteria to meet quality standards.
2. Utilize basic problem-solving skills to adapt to variables encountered during radiographic examination.
3. Describe the radiographic positions/projections for each examination required to demonstrate common pathological findings in that system.
4. Understand the basic principles of radiographic protection.
5. Understand the use of appropriate radiographic exposure techniques.
6. Participate in radiographic image critiques.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Textbook of Radiographic Positioning and Related Anatomy; Kenneth L. Bontrager and John Lampignano; Mosby; 7 edition (February 27, 2009); ISBN-10: 0323054102; ISBN-13: 978-0323054102

Merrill's Pocket Guide to Radiography; Eugene D. Frank, Bruce W. Long, and Barbara J. Smith; Mosby; 6 edition (February 12, 2007); ISBN-10: 0323042090; ISBN-13: 978-0323042093

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 180	
Course Name:	Chiropractic Office Procedures Internship	
Semester Credit Hours:	2.00	
Prerequisite(s):	CT 160 and PD 214	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	15 Clock Hours
	Externship/Internship (45 clock hours per credit)	45 Clock Hours

COURSE DESCRIPTION:

This course provides students with actual office procedure experience in a chiropractic office. It introduces the student to federal and state employment laws, HIPPA, universal precautions, and OSHA. The experience gives the student the opportunity to function as a chiropractic technician in the office role.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. State knowledge of HIPPA compliance and understand the policy of non-discussion of patients.
2. Demonstrate actual office procedures in the chiropractic office.
3. Apply knowledge of insurance billing and coding in the office.
4. Identify the key concepts to function effectively in the chiropractic office.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Chriocode Deskbook 2006 Plus Software; Chriocode Institute; 14th edition (2006); ISBN-10: 0967710472; ISBN-13: 978-0967710471

Pre-Pack of Computers in the Medical Office With Medisoft v16 Student At-Home Software; Susan Sanderson; McGraw-Hill Science/Engineering/Math; 7 edition (August 3, 2010); ISBN-10: 0077471911; ISBN-13: 978-0077471910

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 190	
Course Name:	Chiropractic Physiologic Therapeutics	
Semester Credit Hours:	3.00	
Prerequisite(s):	CT 120	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours

COURSE DESCRIPTION:

This course establishes therapeutic procedures and theories that are used in chiropractic practice. Emphasis will be placed on the application and safe, appropriate use of treatment modalities. Students will learn indications and contraindications for pathologies and the use of physiologic therapeutics. Topics covered include procedures and equipment used in administering physiological therapeutics, including cryotherapy, thermotherapy, ultrasound, electrical muscle stimulation, cold laser, traction, and therapeutic exercises related to stretching and strengthening.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Describe informed consent.
2. Differentiate the different forms of physiotherapy and how to safely apply them.
3. Describe concepts of pain theories, exercises, and rehabilitation.
4. Describe appropriate therapeutic application of physical agents including safety, indications, and contraindications.
5. Recognize consequences to treatment interventions, treatment progression, and attainment of goals based on plan of care.
6. Differentiate between normal and abnormal integumentary changes.
7. Identify safety issues while utilizing electrical stimulation, traction, and hydrotherapy as modalities.
8. Identify hydrotherapy modalities including indications, contraindications, and precautions.

REQUIRED TEXT(S):

Therapeutic Modalities for Sports Medicine and Athletic Training With eSims; William Prentice; McGraw-Hill Humanities/Social Sciences/Languages; 6 edition (June 2, 2008); ISBN-10: 0077236335; ISBN-13: 978-0077236335

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 270	
Course Name:	Chiropractic Examination and Patient Education	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	CT 120	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours

COURSE DESCRIPTION:

This course investigates the aspects of a chiropractic examination, including vital signs and patient health history. Students will assess and analyze orthopedic and neurological tests. Other topics include patient education, establishing communication skills, and teaching patients to follow the chiropractic physician's educational goals for health and recovery.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Discuss what vital signs are and how to obtain them.
2. Discuss components of a good health history.
3. Define patient rights.
4. Obtain vital statistics such as height, weight, blood pressure, and other general procedures.
5. Describe confidentiality issues.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Bates' Guide to Physical Examination and History Taking; Lynn S. Bickley and Peter G. Szilagyi; Lippincott Williams & Wilkins; Ninth edition (December 9, 2005); ISBN-10: 0781767180; ISBN-13: 978-0781767187

Photographic Manual of Regional Orthopaedic and Neurologic Tests; Joseph J. Cipriano; Lippincott Williams & Wilkins; Fifth edition (November 15, 2010); ISBN-10: 1605475955; ISBN-13: 978-1605475950

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 280	
Course Name:	Chiropractic Radiographic and Physiologic Therapeutics	
Semester Credit Hours:	4.00	
Prerequisite(s):	CT 175 and CT 190	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Externship/Internship (45 clock hours per credit)	90 Clock Hours

COURSE DESCRIPTION:

Students continue to establish the knowledge in previous coursework of radiography and physiologic therapeutics in the chiropractic healthcare environment. This course provides the student with hands-on experience in the chiropractic office to further develop skills.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Understand and utilize appropriate radiographic exposure techniques.
2. Demonstrate the principles of radiographic protection.
3. Understand and utilize appropriate physiological therapeutics.
4. Apply different forms of physiotherapy safely.

REQUIRED TEXT(S):

Therapeutic Modalities for Sports Medicine and Athletic Training With/ eSims; William Prentice; McGraw-Hill Humanities/Social Sciences/Languages; 6 edition (June 2, 2008); ISBN-10: 0077236335; ISBN-13: 978-0077236335

Textbook of Radiographic Positioning and Related Anatomy; Kenneth L. Bontrager and John Lampignano; Mosby; 7 edition (February 27, 2009); ISBN-10: 0323054102; ISBN-13: 978-0323054102

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 290	
Course Name:	Chiropractic Insurance Application Internship	
Semester Credit Hours:	3.00	
Prerequisite(s):	CT 160 and PD 214	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	15 Clock Hours
	Externship/Internship (45 clock hours per credit)	90 Clock Hours

COURSE DESCRIPTION:

This internship provides the chiropractic technician student with everyday office experience. Students take part in clinical internship sites and perform entry-level tasks with patients, staff, and doctors. Students will experience various aspects of working in the coding field including CPT-4 and ICD-10 coding.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Define principles and secondary diagnostics and procedures.
2. Identify various errors in coding.
3. Understand data quality improvement.
4. Apply knowledge of ICD and CPT formats.
5. Apply knowledge of payor billing and reimbursement, payment systems, and fraud and abuse issues.
6. Select appropriate diagnosis and procedure codes for billing process.
7. Prepare to sit for certification.

REQUIRED TEXT(S):

Chriocode Deskbook 2006 Plus Software; Chirocode Institute; 14th edition (2006); ISBN-10: 0967710472; ISBN-13: 978-0967710471

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	May 2, 2013	
Course Number:	HU 225	
Course Name:	Fundamentals of Healthcare Law and Ethics	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	45 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	0 Clock Hours
	Clinical/Practicum (45 clock hours per credit)	0 Clock Hours
	Externship/Internship (45 clock hours per credit)	0 Clock Hours

COURSE DESCRIPTION:

This course is designed to introduce the student to important legal and ethical guidelines within the healthcare profession. The student will be introduced to patient confidentiality and information security as identified and enforced through various federal healthcare laws. Additionally, the student will learn legal and ethical guidelines as they relate to documentation, content, and structure of healthcare data, risk management, and various health laws and regulations.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Identify legal and ethical healthcare concepts.
2. Compare the various laws that affect healthcare organizations (HIPAA, EMTALA, ADA).
3. Discuss the laws and penalties relating to fraud and abuse in healthcare.
4. Compare and contrast the management of health information access and disclosure processes for the release of protected health information (PHI).
5. Design and implement confidentiality agreements, and evaluate their impact on the healthcare organization.
6. Recognize the role of ethics in assessing technology and electronic health records (EHRs), applications, and implication of E-health.
7. Discuss how recent advances in information technology are challenging the security of patient information.
8. Define data integrity, authenticity, and security.
9. Recognize the possible uses and misuses of sensitive health information.
10. Describe the role of health information management and the importance of protecting patient confidentiality.

REQUIRED TEXT(S):

Fundamentals of Law for Health Information (With CD); Melanie Brodnik, Mary McCain, Laurie Rinehart-Thompson and Rebecca Reynolds; American Health Information Management Association (Ahima Press); 2nd edition (2012); ISBN 10: 158426263X; ISBN 13: 978-1584262633

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	May 03, 2013
Course Number:	TN 120
Course Name:	Massage Theory and Practice I
Credit Hours:	4.00
Prerequisite(s):	None
Corequisite(s):	None
Course Type:	Lecture, Discussion, and Hands-On (15 clock hours per credit) 60 Clock Hours

COURSE DESCRIPTION:

This course primarily consists of learning a Swedish massage full-body routine. Additional components include the history of massage, indications and contraindications of massage, the use of oil and creams, client draping, grounding and centering, proper body mechanic techniques, and self care for the massage therapist. Massage terms, directional terms, and medical terminology will also be covered to facilitate professional communication. The course introduces students to safety and sanitation procedures required for client interactions.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Demonstrate knowledge and skill of performing a Swedish massage routine using five basic strokes of therapeutic massage, proper draping techniques, grounding and centering techniques, and proper body mechanics.
2. Have a basic understanding of the benefits, indications, cautions, and contraindications of therapeutic massage.
3. Know and communicate appropriately directional and medical terms related to therapeutic massage.
4. Demonstrate the ability to recognize and commit to honoring personal and professional boundaries as they may be encountered in the therapist's private and professional life.
5. Demonstrate basic self-care techniques for the massage therapist.
6. Demonstrate knowledge of safety and sanitation practices in the classroom.

REQUIRED TEXT(S):

Please refer to the *Master Textbook List* located on the MyHerzing Intranet site:

<http://myherzing.herzing.edu/dept/academics/Pages/default.aspx>. See the "Textbook Information" folder in the All Herzing Documents Library.

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	October 13, 2011	
Course Number:	SC 125	
Course Name:	Anatomy and Physiology for Therapeutic Massage I	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	SC 125L	
Course Type:	Lecture and Discussion (15 clock hours per credit)	45 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	0 Clock Hours
	Clinical/Practicum (45 clock hours per credit)	0 Clock Hours
	Externship/Internship (45 clock hours per credit)	0 Clock Hours

COURSE DESCRIPTION:

This course will provide students with information about the structure and function of the human body related to each of the following body systems: integumentary, skeletal, muscular, nervous, and special senses with relations to therapeutic massage. Biochemistry, cellular biology, and histology will be integrated into each body system.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Apply directional terminology in reference to anatomical position.
2. Describe basic chemistry concepts.
3. Describe the structure and function of the human cell and its contents.
4. Identify the function of each type of human tissue.
5. Discuss the function of the integumentary system.
6. Describe the composition and function of musculoskeletal system.
7. Describe the structural and functional features of the nervous system.
8. Describe the structure and function of sensory receptors.

REQUIRED TEXT(S):

Please refer to the *Master Textbook List* located on the MyHerzing Intranet site: <http://myherzing.herzing.edu/dept/academics/Pages/default.aspx>. See the "Textbook Information" folder in the All Herzing Documents Library.

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	October 13, 2011	
Course Number:	SC 125L	
Course Name:	Anatomy and Physiology for Therapeutic Massage I Lab	
Semester Credit Hours:	1.00	
Prerequisite(s):	None	
Corequisite(s):	SC 125	
Course Type:	Lecture and Discussion (15 clock hours per credit)	0 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours
	Clinical/Practicum (45 clock hours per credit)	0 Clock Hours
	Externship/Internship (45 clock hours per credit)	0 Clock Hours

COURSE DESCRIPTION:

This is the lab portion of Anatomy and Physiology for Therapeutic Massage I.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Identify the human body cavities and regions.
2. Identify the structure, function, and location of each type of human tissue.
3. Identify the structural features of the integumentary system.
4. Locate bones and landmarks of the axial and appendicular skeleton.
5. Classify joints by structure and function.
6. Identify major muscle groups of the body.
7. Identify the structural features of the nervous system.
8. Identify the structure and function of sensory receptors.

REQUIRED TEXT(S):

Please refer to the *Master Textbook List* located on the MyHerzing Intranet site:

<http://myherzing.herzing.edu/dept/academics/Pages/default.aspx>. See the "Textbook Information" folder in the All Herzing Documents Library.

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	October 13, 2011	
Course Number:	SC 225	
Course Name:	Anatomy and Physiology for Therapeutic Massage II	
Semester Credit Hours:	3.00	
Prerequisite(s):	SC 125 and SC 125L	
Corequisite(s):	SC 225L	
Course Type:	Lecture and Discussion (15 clock hours per credit)	45 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	0 Clock Hours
	Clinical/Practicum (45 clock hours per credit)	0 Clock Hours
	Externship/Internship (45 clock hours per credit)	0 Clock Hours

COURSE DESCRIPTION:

This course will provide students with information about human anatomy and physiology relating to each of the following body systems: endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and the male and female reproductive systems. Biochemistry, cell biology, and histology will be integrated into each body system.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Summarize the effect of hormones on target cells.
2. Describe the functional components of blood.
3. Explain the control mechanisms of the cardiac cycle.
4. Describe the role of lymphoid tissue.
5. Describe the physiology of gas exchange.
6. Explain the digestive processes.
7. Explain the process of urine formation.
8. Explain the physiological process of the human reproductive cycles.

REQUIRED TEXT(S):

Please refer to the *Master Textbook List* located on the MyHerzing Intranet site:

<http://myherzing.herzing.edu/dept/academics/Pages/default.aspx>. See the "Textbook Information" folder in the All Herzing Documents Library.

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	October 13, 2011	
Course Number:	SC 225L	
Course Name:	Anatomy and Physiology for Therapeutic Massage II Lab	
Semester Credit Hours:	1.00	
Prerequisite(s):	SC 125 and SC 125L	
Corequisite(s):	SC 225	
Course Type:	Lecture and Discussion (15 clock hours per credit)	0 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours
	Clinical/Practicum (45 clock hours per credit)	0 Clock Hours
	Externship/Internship (45 clock hours per credit)	0 Clock Hours

COURSE DESCRIPTION:

This is the lab portion of Anatomy and Physiology for Therapeutic Massage II.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Identify the major endocrine glands.
2. Explain circulatory pathways.
3. Explain the physiological processes of respiratory regulation.
4. Identify the structure of lymphoid tissue and lymphatic vessels.
5. Explain the key chemical processes associated with digestion.
6. Explain the pathway of materials through the urinary system.
7. Differentiate the structural features of the male and female reproductive systems.

REQUIRED TEXT(S):

Please refer to the *Master Textbook List* located on the MyHerzing Intranet site:

<http://myherzing.herzing.edu/dept/academics/Pages/default.aspx>. See the "Textbook Information" folder in the All Herzing Documents Library.

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



ASSOCIATE OF SCIENCE IN CHIROPRACTIC TECHNICIAN (ASCT)

PROGRAM DESCRIPTION

This Associate of Science in Chiropractic Technician program prepares students with the necessary skills and academic knowledge for an entry-level position as a chiropractic technician. The foundation for a career as a chiropractic technician is based in the chiropractic management modalities, business skills, and an understanding of anatomy and physiology. Chiropractic technicians will develop an awareness of the integrated relationship between the doctor of chiropractic, the chiropractic technician, and the patient as part of the therapeutic encounter. The curriculum is made up of instruction in subjects necessary for students to succeed as chiropractic technicians and emphasizes and reinforces the need to provide the highest quality service to patients.

PROGRAM OBJECTIVES

Upon completion of their program, the student should be able to:

1. Demonstrate competence in anatomy and physiology, as it pertains to the chiropractic technician.
2. Establish proficiency in ethical practices, office procedures, and managing financial accounts and patient documentation.
3. Demonstrate competence in wellness and patient education.
4. Display capability in clinical assessment assistance, including the ability to perform a basic examination procedure and administer therapeutic modalities.
5. Exhibit how to operate equipment and complete radiographic imaging.
6. Demonstrate proficiency in the clinical practicum.
7. Display the qualities of the Herzing P.R.I.C.E. of Success (professionalism, respect, integrity, caring, and engagement) model.
8. Think critically, both conceptually and by using mathematical analysis, write and speak effectively, use basic computer applications, and understand human behavior in the context of the greater society.

POTENTIAL JOB POSITION TITLES

Potential entry-level job position titles include, but are not limited to, chiropractic technician, chiropractic assistant, chiropractic office manager, and chiropractic radiographic technician.

PROGRAM CONTENT

A minimum of 62.00 semester credit hours is required for graduation.

REQUIRED COURSES IN CHIROPRACTIC TECHNICIAN

31.00 semester credit hours are required.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
CT 120	Introduction to Chiropractic Foundations and Philosophy	None	3.00
CT 160	Chiropractic Office Procedures and Insurance Claims	None	3.00
CT 170	Chiropractic Radiographic Dynamics	Corequisite CT 120	3.00
CT 175	Chiropractic Radiographic Positioning	Corequisites CT 120 and CT 170	3.00
CT 180	Chiropractic Office Procedures Internship	CT 160 and PD 214	2.00
CT 190	Chiropractic Physiologic Therapeutics	CT 120	3.00
CT 270	Chiropractic Examination and Patient Education	Corequisite CT 120	3.00
CT 280	Chiropractic Radiographic and Physiologic Therapeutics	CT 175 and CT 190	4.00
CT 290	Chiropractic Insurance Application Internship	CT 160 and PD 214	3.00
TN 120	Massage Theory and Practice I	None	4.00

REQUIRED COURSES IN GENERAL EDUCATION

Students enrolled in this associate's degree must complete a minimum of 29.00 semester credit hours in general education distributed among the following disciplines. Refer to the General Education section of the catalog for Herzing University courses that would satisfy these requirements. *

- 8.00 Semester Credit Hours in Anatomy and Physiology With Lab ▲
- 4.00 Semester Credit Hours in Computer Applications
- 3.00 Semester Credit Hours in Humanities With a Critical Thinking Focus **
- 3.00 Semester Credit Hours in English Composition
- 1.00 Semester Credit Hours in Information Literacy
- 4.00 Semester Credit Hours in Mathematics (College Algebra or Above)
- 3.00 Semester Credit Hours in Social or Behavioral Science
- 3.00 Semester Credit Hours in Speech

* Transfer students may transfer courses that are within 1.00 semester credit hour of the courses listed above to meet these discipline requirements. Any resulting deficiency in the total of 29.00 semester credit hours required in general education may be made up with general education electives from any of the listed disciplines.

▲ To meet this requirement, students in the ASCT program must take SC 125/L Anatomy and Physiology for Therapeutic Massage I/Lab and SC 225/L Anatomy and Physiology for Therapeutic Massage II/Lab.

** A course with a critical thinking focus would be a course that addresses the theories and application of critical analysis with an emphasis on developing sequential reasoning skills. Examples may be courses in critical thinking, philosophy, logic, or science. To fulfill this requirement in the ASCT program, students must take HU 225 Fundamentals of Healthcare Law and Ethics.

PERSONAL AND PROFESSIONAL DEVELOPMENT COURSES

2.00 semester credit hours are required.

Course Number	Course Name	Prerequisite	Semester Credit Hours
PD 121	Professional Development I	None	1.00
PD 202	Professional Development II	None	1.00
PD 214	AS/AAS/BS/Diploma Internship Preparation	None	0.00

Distribution of Clock Hours by Course					
Course or Category	Lecture	Lab	Internship	Total Clock Hours	Credits
CT 120	45.00			45.00	3.00
CT 160	45.00			45.00	3.00
CT 170	30.00	30.00		60.00	3.00
CT 175	30.00	30.00		60.00	3.00
CT 180	15.00		45.00	60.00	2.00
CT 190	30.00	30.00		60.00	3.00
CT 270	30.00	30.00		60.00	3.00
CT 280	30.00		90.00	120.00	4.00
CT 290	15.00		90.00	105.00	3.00
TN 120	60.00			60.00	4.00
Anatomy and Physiology With Lab	90.00	60.00		150.00	8.00
Computer Applications	60.00			60.00	4.00
Humanities With a Critical Thinking Focus	45.00			45.00	3.00
English Composition/Literature	45.00			45.00	3.00
Information Literacy	15.00			15.00	1.00

Distribution of Clock Hours by Course					
Course or Category	Lecture	Lab	Internship	Total Clock Hours	Credits
Mathematics	60.00			60.00	4.00
Personal/Professional Development	30.00			30.00	2.00
Social or Behavioral Science	45.00			45.00	3.00
Speech	45.00			45.00	3.00
Totals	765.00	180.00	225.00	1,170.00	62.00



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 120	
Course Name:	Introduction to Chiropractic Foundations and Philosophy	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	45 Clock Hours

COURSE DESCRIPTION:

This course focuses on principles that are the basis of the practice of chiropractic. This course investigates the terminology and rationalization to chiropractic practice and care. It examines the body systems associated with chiropractic healthcare and describes the basis of subluxation and secondary conditions associated with subluxation. Attention is placed on the body's innate ability to heal itself.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Discuss chiropractic terminology used in this course.
2. Discuss the duties of a chiropractic technician.
3. Discuss subluxation and the integral relationship of the musculoskeletal and nervous system.
4. Describe the history of chiropractic and chiropractic philosophy.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 160	
Course Name:	Chiropractic Office Procedures and Insurance Claims	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	45 Clock Hours

COURSE DESCRIPTION:

This course focuses on introducing the student chiropractic technician to office procedures in chiropractic healthcare. Students investigate patient record management, operation of basic office equipment, and office visit communication. Exploring patient accounting practices and billing accounts in different insurance coverage situations such as HMO, PPO, Medicare, Medicaid, general, supplemental, and secondary insurance, are covered.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Use appropriate forms, including intake forms and informed consent forms.
2. Learn about medical records and the skills related to efficient medical record note-taking.
3. Identify key concepts in dealing with workers' compensation and motor vehicle collision cases.
4. Interpret use of billing and procedure codes.
5. Demonstrate proper usage of the ICD-10 code book.
6. Apply the steps involved in the proper coding process.
7. Identify ethical and legal issues as they relate to coding procedures and services.
8. Utilize knowledge of medical terminology and anatomy and physiology to interpret doctor's notes, radiology reports, and lab reports.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Chriocode Deskbook 2006 Plus Software; Chriocode Institute; 14th edition (2006); ISBN-10: 0967710472; ISBN-13: 978-0967710471

Pre-Pack of Computers in the Medical Office With Medisoft v16 Student At-Home Software; Susan Sanderson; McGraw-Hill Science/Engineering/Math; 7 edition (August 3, 2010); ISBN-10: 0077471911; ISBN-13: 978-0077471910

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 170	
Course Name:	Chiropractic Radiographic Dynamics	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	CT 120	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours

COURSE DESCRIPTION:

This course focuses on preparing students in the techniques of X-ray physics for X-ray positioning, processing, production, and radiation protection. Students will study the basics of physics used in the production of radiation.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Demonstrate basic knowledge of radiographic dynamics.
2. Identify the controlling factors for density, contrast, detail, and distortion.
3. Demonstrate a basic knowledge of radiographic procedures including X-ray science, equipment, X-ray production, and radiation protection.
4. Identify X-ray tube components and their function.
5. Possess a basic understanding of radiographic equipment operation.
6. Define and describe image quality and image production.
7. Discuss radiographic factors (controlling and influencing) that affect image quality and production.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Radiologic Science for Technologists: Physics, Biology, and Protection; Stewart C. Bushong; Mosby; 9 edition (March 18, 2008); ISBN-10: 0323048374; ISBN-13: 978-0323048378

Workbook and Laboratory Manual for Radiologic Science for Technologists: Physics, Biology, and Protection; Stewart C. Bushong; Mosby; 9 edition (April 3, 2008); ISBN-10: 0323048382; ISBN-13: 978-0323048385

Introduction to Radiologic Sciences and Patient Care; Arlene M. Adler and Richard R. Carlton; Saunders; 4 edition (March 14, 2007); ISBN-10: 1416031944; ISBN-13: 978-1416031949

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 175	
Course Name:	Chiropractic Radiographic Positioning	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	CT 120 and CT 170	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours

COURSE DESCRIPTION:

Students will develop skills in patient positioning for various X-ray views and focus on views of the axial skeleton, with additional extremity positioning. This course includes instruction in patient habitus, positioning, equipment manipulation, and radiographic quality. Students will be oriented in the basic operation of equipment used in the field.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Describe procedure criteria to meet quality standards.
2. Utilize basic problem-solving skills to adapt to variables encountered during radiographic examination.
3. Describe the radiographic positions/projections for each examination required to demonstrate common pathological findings in that system.
4. Understand the basic principles of radiographic protection.
5. Understand the use of appropriate radiographic exposure techniques.
6. Participate in radiographic image critiques.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Textbook of Radiographic Positioning and Related Anatomy; Kenneth L. Bontrager and John Lampignano; Mosby; 7 edition (February 27, 2009); ISBN-10: 0323054102; ISBN-13: 978-0323054102

Merrill's Pocket Guide to Radiography; Eugene D. Frank, Bruce W. Long, and Barbara J. Smith; Mosby; 6 edition (February 12, 2007); ISBN-10: 0323042090; ISBN-13: 978-0323042093

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 180	
Course Name:	Chiropractic Office Procedures Internship	
Semester Credit Hours:	2.00	
Prerequisite(s):	CT 160 and PD 214	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	15 Clock Hours
	Externship/Internship (45 clock hours per credit)	45 Clock Hours

COURSE DESCRIPTION:

This course provides students with actual office procedure experience in a chiropractic office. It introduces the student to federal and state employment laws, HIPPA, universal precautions, and OSHA. The experience gives the student the opportunity to function as a chiropractic technician in the office role.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. State knowledge of HIPPA compliance and understand the policy of non-discussion of patients.
2. Demonstrate actual office procedures in the chiropractic office.
3. Apply knowledge of insurance billing and coding in the office.
4. Identify the key concepts to function effectively in the chiropractic office.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Chriocode Deskbook 2006 Plus Software; Chirocode Institute; 14th edition (2006); ISBN-10: 0967710472; ISBN-13: 978-0967710471

Pre-Pack of Computers in the Medical Office With Medisoft v16 Student At-Home Software; Susan Sanderson; McGraw-Hill Science/Engineering/Math; 7 edition (August 3, 2010); ISBN-10: 0077471911; ISBN-13: 978-0077471910

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 190	
Course Name:	Chiropractic Physiologic Therapeutics	
Semester Credit Hours:	3.00	
Prerequisite(s):	CT 120	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours

COURSE DESCRIPTION:

This course establishes therapeutic procedures and theories that are used in chiropractic practice. Emphasis will be placed on the application and safe, appropriate use of treatment modalities. Students will learn indications and contraindications for pathologies and the use of physiologic therapeutics. Topics covered include procedures and equipment used in administering physiological therapeutics, including cryotherapy, thermotherapy, ultrasound, electrical muscle stimulation, cold laser, traction, and therapeutic exercises related to stretching and strengthening.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Describe informed consent.
2. Differentiate the different forms of physiotherapy and how to safely apply them.
3. Describe concepts of pain theories, exercises, and rehabilitation.
4. Describe appropriate therapeutic application of physical agents including safety, indications, and contraindications.
5. Recognize consequences to treatment interventions, treatment progression, and attainment of goals based on plan of care.
6. Differentiate between normal and abnormal integumentary changes.
7. Identify safety issues while utilizing electrical stimulation, traction, and hydrotherapy as modalities.
8. Identify hydrotherapy modalities including indications, contraindications, and precautions.

REQUIRED TEXT(S):

Therapeutic Modalities for Sports Medicine and Athletic Training With eSims; William Prentice; McGraw-Hill Humanities/Social Sciences/Languages; 6 edition (June 2, 2008); ISBN-10: 0077236335; ISBN-13: 978-0077236335

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 270	
Course Name:	Chiropractic Examination and Patient Education	
Semester Credit Hours:	3.00	
Prerequisite(s):	None	
Corequisite(s):	CT 120	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Lab/Hands-On (30 clock hours per credit)	30 Clock Hours

COURSE DESCRIPTION:

This course investigates the aspects of a chiropractic examination, including vital signs and patient health history. Students will assess and analyze orthopedic and neurological tests. Other topics include patient education, establishing communication skills, and teaching patients to follow the chiropractic physician's educational goals for health and recovery.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Discuss what vital signs are and how to obtain them.
2. Discuss components of a good health history.
3. Define patient rights.
4. Obtain vital statistics such as height, weight, blood pressure, and other general procedures.
5. Describe confidentiality issues.

REQUIRED TEXT(S):

Essential Principles of Chiropractic; Virgil V. Strang; Palmer College of Chiropractic; 1st edition (June 1984); ISBN-10: 9996768295; ISBN-13: 978-9996768293

Bates' Guide to Physical Examination and History Taking; Lynn S. Bickley and Peter G. Szilagyj; Lippincott Williams & Wilkins; Ninth edition (December 9, 2005); ISBN-10: 0781767180; ISBN-13: 978-0781767187

Photographic Manual of Regional Orthopaedic and Neurologic Tests; Joseph J. Cipriano; Lippincott Williams & Wilkins; Fifth edition (November 15, 2010); ISBN-10: 1605475955; ISBN-13: 978-1605475950

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 280	
Course Name:	Chiropractic Radiographic and Physiologic Therapeutics	
Semester Credit Hours:	4.00	
Prerequisite(s):	CT 175 and CT 190	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	30 Clock Hours
	Externship/Internship (45 clock hours per credit)	90 Clock Hours

COURSE DESCRIPTION:

Students continue to establish the knowledge in previous coursework of radiography and physiologic therapeutics in the chiropractic healthcare environment. This course provides the student with hands-on experience in the chiropractic office to further develop skills.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Understand and utilize appropriate radiographic exposure techniques.
2. Demonstrate the principles of radiographic protection.
3. Understand and utilize appropriate physiological therapeutics.
4. Apply different forms of physiotherapy safely.

REQUIRED TEXT(S):

Therapeutic Modalities for Sports Medicine and Athletic Training With/ eSims; William Prentice; McGraw-Hill Humanities/Social Sciences/Languages; 6 edition (June 2, 2008); ISBN-10: 0077236335; ISBN-13: 978-0077236335

Textbook of Radiographic Positioning and Related Anatomy; Kenneth L. Bontrager and John Lampignano; Mosby; 7 edition (February 27, 2009); ISBN-10: 0323054102; ISBN-13: 978-0323054102

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	April 30, 2013	
Course Number:	CT 290	
Course Name:	Chiropractic Insurance Application Internship	
Semester Credit Hours:	3.00	
Prerequisite(s):	CT 160 and PD 214	
Corequisite(s):	None	
Course Type:	Lecture and Discussion (15 clock hours per credit)	15 Clock Hours
	Externship/Internship (45 clock hours per credit)	90 Clock Hours

COURSE DESCRIPTION:

This internship provides the chiropractic technician student with everyday office experience. Students take part in clinical internship sites and perform entry-level tasks with patients, staff, and doctors. Students will experience various aspects of working in the coding field including CPT-4 and ICD-10 coding.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Define principles and secondary diagnostics and procedures.
2. Identify various errors in coding.
3. Understand data quality improvement.
4. Apply knowledge of ICD and CPT formats.
5. Apply knowledge of payor billing and reimbursement, payment systems, and fraud and abuse issues.
6. Select appropriate diagnosis and procedure codes for billing process.
7. Prepare to sit for certification.

REQUIRED TEXT(S):

Chriocode Deskbook 2006 Plus Software; Chirocode Institute; 14th edition (2006); ISBN-10: 0967710472; ISBN-13: 978-0967710471

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor



COURSE OUTLINE

GENERAL INFORMATION:

Date:	May 03, 2013
Course Number:	TN 120
Course Name:	Massage Theory and Practice I
Credit Hours:	4.00
Prerequisite(s):	None
Corequisite(s):	None
Course Type:	Lecture, Discussion, and Hands-On (15 clock hours per credit) 60 Clock Hours

COURSE DESCRIPTION:

This course primarily consists of learning a Swedish massage full-body routine. Additional components include the history of massage, indications and contraindications of massage, the use of oil and creams, client draping, grounding and centering, proper body mechanic techniques, and self care for the massage therapist. Massage terms, directional terms, and medical terminology will also be covered to facilitate professional communication. The course introduces students to safety and sanitation procedures required for client interactions.

LEARNING OBJECTIVES:

Upon completion of this course, the student will be able to:

1. Demonstrate knowledge and skill of performing a Swedish massage routine using five basic strokes of therapeutic massage, proper draping techniques, grounding and centering techniques, and proper body mechanics.
2. Have a basic understanding of the benefits, indications, cautions, and contraindications of therapeutic massage.
3. Know and communicate appropriately directional and medical terms related to therapeutic massage.
4. Demonstrate the ability to recognize and commit to honoring personal and professional boundaries as they may be encountered in the therapist's private and professional life.
5. Demonstrate basic self-care techniques for the massage therapist.
6. Demonstrate knowledge of safety and sanitation practices in the classroom.

REQUIRED TEXT(S):

Please refer to the *Master Textbook List* located on the MyHerzing Intranet site:

<http://myherzing.herzing.edu/dept/academics/Pages/default.aspx>. See the "Textbook Information" folder in the All Herzing Documents Library.

SUPPLEMENTAL INSTRUCTIONAL MATERIALS:

As needed and directed by the instructor