

**Ohio Articulation Number (OAN)
Course Submission Form
2005-2006**



College/University The University of Akron

Course(s) Submitted(Title & Course #) 3470:262 Introductory Statistics II for
Ohio Articulation Number OMT010

Date 7-17-06

Name and title of individual submitting on behalf of the college/university

Name Dr. Chand Midha Title Department Chair, Statistics

Address The University of Akron
Department of Statistics
Akron, OH 44325-1913

E-mail chand@uakron.edu

Phone 330-972-7128

Fax 330-872-2028

Credit Hours 2 qtr _____ sem X

Lecture Hours 2

Laboratory Hours _____ (if applicable)

Pre-Requisites(s) Course work (if applicable)

3470:261 (Introductory Statistics I) or equivalent

Placement Score (if applicable)

(Name of test) _____

(Domain) _____ (Score) _____

Catalog/Course Description (Includes Course Title and Course #)

Parametric and nonparametric methods of statistical inference for paired data and two-sample problems; one-way ANOVA, simple linear regression and correlation. Computer applications.

Texts/Outside Readings/Ancillary Materials

Introduction to the Practice of Statistics (5th edition) by D.S. Moore and G.P.

McCabe.

Course Objectives and/or Plan of Work

This half of the Intro Stat sequence pertains to the different inferential methods used in analyzing data.

Course Topics:

Internal estimation/hypothesis testing

One-way ANOVA

Chi square tests (contingency tables), goodness-of-fit, independence homogeneity

Simple linear regression

Nonparametric statistics

Description of Assessment and/or Evaluation of Student Learning

Grading: Midterm Exam : 100 points.

Final Exam : 100 points.

Quizzes: 40 pts (3 @ 20, drop 1)

Lab : 60 points.

Grading Scale: 90 - 100% A 80 - 89% B 70 - 79% C 60 - 69% D

Master Syllabi and Working Syllabi (if both are used)

**3470:262
2006**

INTRODUCTORY STATISTICS II

Spring

Instructor: Justin Kimmel

Office: CAS 115D (enter through CAS 118)

Office phone: 330.972.2354

Office hours: M,W,TH 2 - 3 | T, TH 5:00 - 6.

E-mail: jck1@uakron.edu

Text: Introduction to the Practice of Statistics (5th edition) by D.S. Moore and G.P. McCabe.

Topics: This half of the Intro Stat sequence pertains to the different inferential methods used in analyzing data.

Grading: Midterm Exam : 100 points.

Final Exam : 100 points.

Quizzes: 40 pts (3 @ 20, drop 1)

Lab : 60 points.

Grading Scale: 90 - 100% A 80 - 89% B 70 - 79% C 60 - 69% D

Homework: Homework will be assigned but not collected.

Computer Lab: About once a week we will meet in the lab in CAS 108. The purpose of the computer lab is to give the student experience of how statistics is analyzed in the real world. You will be working with the statistical software package MINITAB. No computer experience is necessary. This will be a step by step procedure. You will do a lab team project (continued from intro I) that will be due at the end of the class.

Make-up Policy: Make up exams are given but a valid excuse is required. In any event, you must notify me prior to the quiz or exam.

Withdrawal Policy: You may drop the course at any time through Friday, April 14.

Additional Documentation

DEPARTMENT OF STATISTICS
COLLEGE OF ARTS & SCIENCES, ROOM 118
330.972.6886 (TELEPHONE)
330.972.2028 (FAX)

Course Description

3470:262

2 credits

Introduction to Statistics II

Prerequisite: 3460:261 Introduction to Statistics I or 3470:260 Basic Statistics or equivalent

Course Description: Parametric and nonparametric methods of statistical inference for paired data and two-sample problems; one-way ANOVA, simple linear regression and correlation. Computer applications.

Course Topics:

Internal estimation/hypothesis testing

One-way ANOVA

Chi square tests (contingency tables), goodness-of-fit, independence homogeneity

Simple linear regression

Nonparametric statistics

OH - CLEVELAND STATE UNIVERSITY	T O	UNIVERSITY OF AKRON	EFFECTIVE DATES
MTH 321		3470:262	Fall Semester 1998 - 9999
OH - CUYAHOGA COMMUNITY COLLEGE	T O	UNIVERSITY OF AKRON	EFFECTIVE DATES
MATH 142		3470:262 Alternate: 6500:222	Summer Semester 1979 - Summer Semester 1998
MATH 1420		3470:262 Alternate: 6500:222	Fall Semester 1998 - 9999
OH - JOHN CARROLL UNIVERSITY (1922A) OH	T O	UNIVERSITY OF AKRON	EFFECTIVE DATES
EC206		3470:262	Fall Semester 1980 - 9999
OH - OHIO UNIVERSITY (1913A) OH	T O	UNIVERSITY OF AKRON	EFFECTIVE DATES
MATH251		3470:262	Fall Semester 1967 - 9999
OH - WRIGHT STATE UNIVERSITY (1968A) OH	T O	UNIVERSITY OF AKRON	EFFECTIVE DATES
STT265		3470:262	Fall Semester 1980 - 9999
OH - YOUNGSTOWN STATE UNIVERSITY OH	T O	UNIVERSITY OF AKRON	EFFECTIVE DATES
STAT 717		3470:261 3470:262	Fall Semester 1967 - Summer Semester 2000

OBR Use

Action

Approved	
Additional Information Requested	
Rejected	
Date	