
Co-Curricular Transcript


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Degree Objective

Degree: Bachelor of Arts
Major: Liberal Studies Concentrated Option
Concentration: English, Art, Engineering
Graduation: May 2007



PROFESSIONAL AND EDUCATIONAL DEVELOPMENT

Date	Organization	Position/Role	Activities/Involvement	Competencies	Related Coursework
2005 to 2007		All	<p>Wrote and received a \$14,000 research grant to build an air sampling system and adjunct support systems for balloon based research on the pesticide Methyl Bromide.</p> <p>Project awarded 1st (2007) and 2nd (2006) place in engineering and computer science at the statewide CSU research competition.</p> <p>Project required a tremendous amount of creativity and self-motivation as all aspects were managed solely by me.</p> <p>The project required skills in many different facets outside of the realm of science. Business skills were required to manage money. Technical and persuasive writing techniques were very important to the project's success. Public speaking secured funding as well as gained the support for the project from local companies.</p> <p>CSUCI did not have the facilities to do any of the fabrication. To mediate these needs an electronics workbench was built and I arranged for a machinist internship with a fabrication facility.</p> <p>The project launched on May 12, 2007 in the Santa Monica Mountains National Park and Recreation Area. It received a great deal of press coverage including NewScientist, Ventura County Star, CSUCI Press Release, and Hacked Gadgets.</p>	<p>Project required technical skills in CNC machining, electromechanical design, CAD design, mechanical engineering, pneumatic systems, wireless 900Mhz and 2.4Ghz bands technology, x86 and imbedded systems, aeronautics and avionics, PCB fabrication and design, software development in C++ and VB Script, fiscal and project management, software including: Solidworks, Mastercam X and 9.1, Visual Studio .net, Electronics Workbench, Microsoft Office, Microsoft Windows 2003 Server Edition, and Google Earth.</p> <p>Project required social and communication skills in proposal and research write-ups, networking, working with distributors and manufacturers, interfacing with government agencies, presentation and public speaking skills, cooperation, marketing, meeting etiquette, organizational skills, collaboration, problem solving, and patience.</p>	<p style="text-align: center;">Spring 2004</p> <p>Comp 150: Object Oriented Programming</p> <p style="text-align: center;">Spring 2005</p> <p>Art 208: Physics of Art Comm 101: Public Speaking ESRM 100: Intro. Environmental Science & Resource Management</p> <p style="text-align: center;">Fall 2005</p> <p>Art 421: Adv. Artistic Problems 3D Comp 101: Computer Literacy Physics 492: Internship Physics 494: Independent Research</p> <p style="text-align: center;">Spring 2006</p> <p>Engl 460: Perspectives in Creative Writing Physics 494: Independent Study Physics 497: Directed Studies Pols 345: Science & Public Policy</p> <p style="text-align: center;">Fall 2006</p> <p>Art 494: Independent Study Chem 497: Directed Study LS 499: Capstone Project Psy 432: Seminar in Leadership</p>
2007	IAMKOSTA.ORG	Web Developer	<p>Created a website to chronicle the events of the Balloon Project and showcase accomplishments. Site includes original video, photography, writings, and graphics.</p>	<p>Cascading Style Sheets, PHP, MySQL, Word Press and plugins, Gallery and plugins, networking, Google Analytics, HTML, Java Script, design, layout, Adobe Illustrator, Adobe Photoshop, video editing</p>	-

PROFESSIONAL AND EDUCATIONAL DEVELOPMENT (CONT.)

Date	Organization	Position/Role	Activities/Involvement	Competencies	Related Coursework
2006	Spinning Tube in Tube Reactor (STT)	Scientist	Worked with chemistry researchers and Dr. Phil Hampton to design and fabricate an inert atmosphere magnesium pulverizer and reactor for constant synthesis of highly pyrophoric Grignard reagent to be used in conjunction with ongoing STT Reactor research.	Project demanded skills in microcontroller programming, various methods of sealing including triple lipped seals, stepper motor control, high tolerance linear motion systems, working with analytical chemistry tools such as HPLC and GCMS, and inert gas handling systems.	Chem 341: Drug Discovery and Development Physics 492: Internship Chem 497: Directed Study

PARAPROFESSIONAL WORK EXPERIENCE

Date	Organization	Position/Role	Duties/Responsibilities	Competencies	Related Coursework
2006 to 2007	Amgen	Internship	Repaired and maintained High Performance Liquid Chromatography (HPLC) equipment. Supported and coordinated with lead and principle scientists to troubleshoot and fix HPLC problems. Duties also involved assisting the pharmaceuticals dept. scientists to help them with their duties: HPLC, crystallography, gel electrophoresis, and pipetting.	Initiative, Cooperation, Patience, Motivation, Responsibility, clerical work, Gel electrophoresis, pipetting, HPLC repair Agilent 1100 and 1200 series, Research.	Chem 341: Drug Discovery & Development
2006	Pacific Coast Cabling (PCC)	Consultant	PCC was looking to expand their sales team by tapping into college graduates. I was hired to consult on the ethos of graduating students: what the desires of a college student are, the post-graduation expectations, and how to attract the top students into the positions they were offering. Facilitated their creation of a new employee training program geared for college graduates, and assisted human resources in understanding the traits of a student who is driven to succeed.	Business organization and management, idea creation and implementation, articulation, professionalism, group discussion, meeting etiquette, organization.	-

PARAPROFESSIONAL WORK EXPERIENCE (CONT.)

Date	Organization	Position/Role	Duties/Responsibilities	Competencies	Related Coursework
2006	Lebanon, Missouri	Owner	Purchased a new home in Lebanon, Missouri as an investment rental property. Conducted in depth research and communication with realtors, developers, loan officers, insurance agents, and property management.	Research, professionalism, forward thinking, loan acquisition, business skills, Excel, Quicken, negotiation skills, fiscal responsibility.	-
1999 to 2003	Danico Productions	Owner	<p>Established a video production company filming, duplicating and packaging performances and special events for local schools.</p> <p>Required a significant investment in capital to start as well as in-depth knowledge of digital video editing, pre and post production, and sound engineering.</p> <p>Employed two part-time camera operators, interfaced with customers, provided services, and kept financial records.</p>	Linear video editing, sound, lighting, live mixing, post-production, directing, technical directing, sales and promotion, quick thinking, employee management, customer relationships, money management, initiative.	-

HONORS, AWARDS, RECOGNITION

Date	Organization	Award/ Position/Role	Duties/Responsibilities	Competencies	Related Coursework
2007	CSUCI	Integrative Approaches Pillar Award	This mission-based award is given to one graduating student who exemplifies an education marked by integrative approaches from more than one discipline.	Ability to work across disciplines, perseverance, negotiation, presentation, ability to think and create “outside of the box”	All Coursework
2007	Who’s Who	Who’s Who Among Students in American Colleges and Universities	An annual award given to outstanding campus leaders for their scholastic and community achievements. The award is recognized nationally.	Scholastic aptitude, leadership	All Coursework
2007	NewScientist	Article	<i>Build Your Own Research Balloon</i> article published in the United Kingdom’s NewScientist Technology Blog	Interviewing skills, public speaking, leadership, personable, achievement	All Coursework
2007	Ventura County Star	Article	I was interviewed and photographed for a Balloon Project article <i>On Quest for Knowledge, He Finds Prize</i> published in the <i>Ventura County Star</i> .	Interviewing skills, public speaking, achievement	Comm 101: Public Speaking All Coursework
2007	Hacked Gadgets	Article	Featured on the prestigious do-it-yourself website “Hacked Gadgets” in article titled <i>Air Sampling Balloon Launch</i> for work done on the Balloon Project.	Nerd pride, do-it-yourself originality, inventiveness	Comm 101: Public Speaking All Coursework
2007	CSUCI Press Release	Press Release	A press release detailing the Balloon Project Launch and the recent win of the CSU Undergraduate Research Competition was published on the CSUCI website as well as e-mailed to all students and faculty of the campus.	Interviewing skills, achievement.	Comm 101: Public Speaking All Coursework
2007	California State University Undergraduate Research Competition	1st place Recipient: Engineering & Computer Science	Presented the Balloon Project to jurors including a movie that I filmed and edited, a full color handout, and responded to questions posed.	Video filming and production, PowerPoint, etiquette, confidence, dedication, public speaking, the distillation of information, thinking on my feet	Comm 101: Public Speaking All Coursework

HONORS, AWARDS, RECOGNITION (CONT.)

Date	Organization	Award/ Position/Role	Duties/Responsibilities	Competencies	Related Coursework
2006	CSUCI Current	Recognized	Recognized as CSU Research Competition award recipient in the 2006 Spring/Summer volume 10 publication of the widely distributed Current magazine.	Achievement	All Coursework
2006	The Nautical Yearbook	Article	Recognized as “Renaissance Man” in the 2006 publication of The Nautical yearbook. The article outlined the work done on the Balloon Project as well as my interdisciplinary approach to education.	Achievement	All Coursework
2006	Wavelength	Recognized	Recognized as an award recipient of the 2006 CSU research competition in the 21 st volume of the May 12, 2006 publication of Wavelength.	Achievement.	All Coursework
2006	California State University Undergraduate Research Competition	2 nd place Recipient: Engineering & Computer Science	Created a visual presentation and gave a speech. Second place award winner in the Engineering and Computer science category for work done on the Balloon Project.	Etiquette, communication skills, confidence, devotion, dedication, pride, public speaking, presentation skills, the distillation of information.	Comm 101: Public Speaking All Coursework
2005	Talkin’ Dolphins Speech and Debate Tournament	1 st , 2 nd , and 3 rd place Recipient	Prepared for a semester in order to participate. Took part in five separate events and placed in three. Winner of 1 st place in readers’ theater, 2 nd place in impromptu speaking and 3 rd place in poetry.	Confidence, communication skills, quick thinking, public speaking.	Comm 101: Public Speaking Comm 336: Multicultural Literature and Communication

LEADERSHIP ACTIVITIES

Date	Organization	Position/Role	Duties/Responsibilities	Competencies	Related Coursework
2007	Balloon Project	Event Planner	<p>The launch of the Balloon Project required a tremendous amount of coordination with different organizations: CSUCI Campus Events, Student Programming Board, the FAA, and the National Park Services.</p> <p>A team of students and faculty were assembled to setup and plan for the launch.</p>	Team work, planning, stress management, public speaking, organization, time management, delegation, negotiation, problem solving.	<p>Comm 101: Public Speaking Psy 432: Seminar in Leadership</p>
2005	CSUCI Physics Club	Vice President	<p>Created an environment where students could be comfortable with physics concepts.</p> <p>Created a constitution and collaborated with the Math Club to put on events.</p>	Discussion skills, cooperation, organization, creativity, event Programming, time management, conflict resolution, financial responsibility.	<p>Phys 434: Intro to Biomedical Imaging Art 208: Physics of Art Physics 492: Internship Physics 494: Independent Research Physics 497: Directed Studies</p>
2004	Anacapa Village Residence Hall Association	President	<p>Elected as the first RHA president of CSUCI's newly opened Anacapa Village student housing complex.</p> <p>Recruited and retained student members; helped develop future leaders; presided over all General and Executive meetings; continually met with staff and residents of Anacapa Village.</p>	Public speaking, delegation, time management, conflict resolution, organizational skills, professionalism, critical thinking, assertiveness, emotional control, computer skills, creativity, initiative, event programming, reliability, trustworthiness, ethical behavior, leadership.	<p>Comm 101: Public Speaking Psy 432: Seminar in Leadership Psy 100: Intro to Psychology</p>
2005	Food Services	Opponent	<p>Represented the Anacapa Village students to reach an agreement with the food services available at CSUCI.</p> <p>A survey, that posed questions about food quality, service, and value, was distributed among students and the results were compiled. The results as well as suggestions were aggregated and disseminated.</p>	Diplomacy, persuasion, meeting skills, time management, critical thinking, surveying methods.	<p>Psy 432: Seminar in Leadership</p>

PARTICIPATION IN STUDENT ORGANIZATIONS AND/OR ACTIVITIES

Date	Organization	Position/Role	Duties/Responsibilities	Competencies	Related Coursework
2004 to 2005	IRA Committee	Presenter	Wrote and presented to the committee to secure funding for the Balloon Project. Met with committee on many occasions to discuss progress.	Professionalism, listening, time management, meeting etiquette, brainstorming, creativity, public speaking, professionalism.	Comm 101: Public Speaking
2004 & 2005	CSUCI Art Exhibition	Contributor	A collection of original photographs were submitted to this month long showcase of art by CSUCI students.	Photography, framing, printing, planning, creativity.	Art 208: Physics of Art
2005	Uncanny Art Exhibition	Contributor	The Uncanny Art Exhibition featured over twenty artists in a multi-medium style art show. My contributions included 20 photographs that were projected onto a large display and I read one of my short stories, <i>The God Story</i> .	Photography, planning, creativity, public speaking, writing.	Comm 101: Public Speaking Comm 336: Multicultural Lit. Art 208: Physics of Art
2005	CSUCI Maximus Award Ceremony	Musician	Played original composition classical guitar for a large audience as background music for the ceremony.	Classical and Fingerstyle guitar, composition, six years of experience.	Mus 309: Private Lessons Pamu 309: Private Lessons
2004	Volkarts Show	Contributor	The Volkarts show is an annual showcase of photography that takes place in Hollywood, California. Twelve of my photographs were displayed in the show.	Photography, professionalism, time management, meeting etiquette, brainstorming, creativity.	Art 208: Physics of Art
2004	CSUCI Art Exhibition	Contributor	Submitted "The Nut Crusher," a pneumatically powered kinetic sculpture. The machine was on display and a movie played alongside it on a laptop. The show lasted for an entire month.	Pneumatic systems, valves, and actuators, compressors, welding, MIG, prototyping, documentation, electronic interfaces, video editing.	Art 321: Sculpture Theory and Process Art 208: Physics of Art Math 320: Mathematics and Fine Arts
2004	Art's Not Boring!	Contributor	Several photos and a photo-essay on a sculpture entitled "Bubbles" were entered and subsequently accepted to be shown at the first annual "Art's Not Boring!" show. The photos were on display for several nights.	Photography, public speaking, creativity.	Art 321: Sculpture Theory and Process Art 208: Physics of Art Math 320: Mathematics and Fine Arts

SERVICE LEARNING AND VOLUNTEER EXPERIENCE

Date	Organization	Position/Role	Duties/Responsibilities	Competencies	Related Coursework
2006	World Class Manufacturing	Volunteer	The company who helped so much with the Balloon Project was in dire need of some help over the summer. I volunteered my free time to help them set up a networking system, a new lathe, and an automated backup system.	Teamwork, cooperation, multi-tasking; networking, HAAS, VF4 and VF3.	Phys 494: Independent Research
2006	CSUCI Art Dept.	Volunteer	Assembled, calibrated, and maintained the CNC Plasma Cam Lab. The CNC plasma cutter was donated to the school and a volunteer was needed to manage and operate the machinery.	Plasma Cam CNC software, plasma cutting, calibration and measurement, teaching.	Art 421: Advanced Art Problems in 3D Phys 494: Independent Research
2005	CSUCI Art Exhibition	Volunteer	Helped setup event and played classical guitar for entertainment.	Classical guitar, artistic vision.	Mus 309: Private Lessons Pamu 309: Private Lessons

CO—CURRICULAR TRANSCRIPT

The California State University of Channel Islands Division of Student Affairs is pleased to recognize:

KOSTA GRAMMATIS

For demonstrating a commitment to personal growth and development through voluntary participation
in university and community activities.

Trae T. Cotton, *Interim Dean of Student Life*

Date

Dr. Wm. Gregory Sawyer, *Vice President for Student Affairs*

Date

